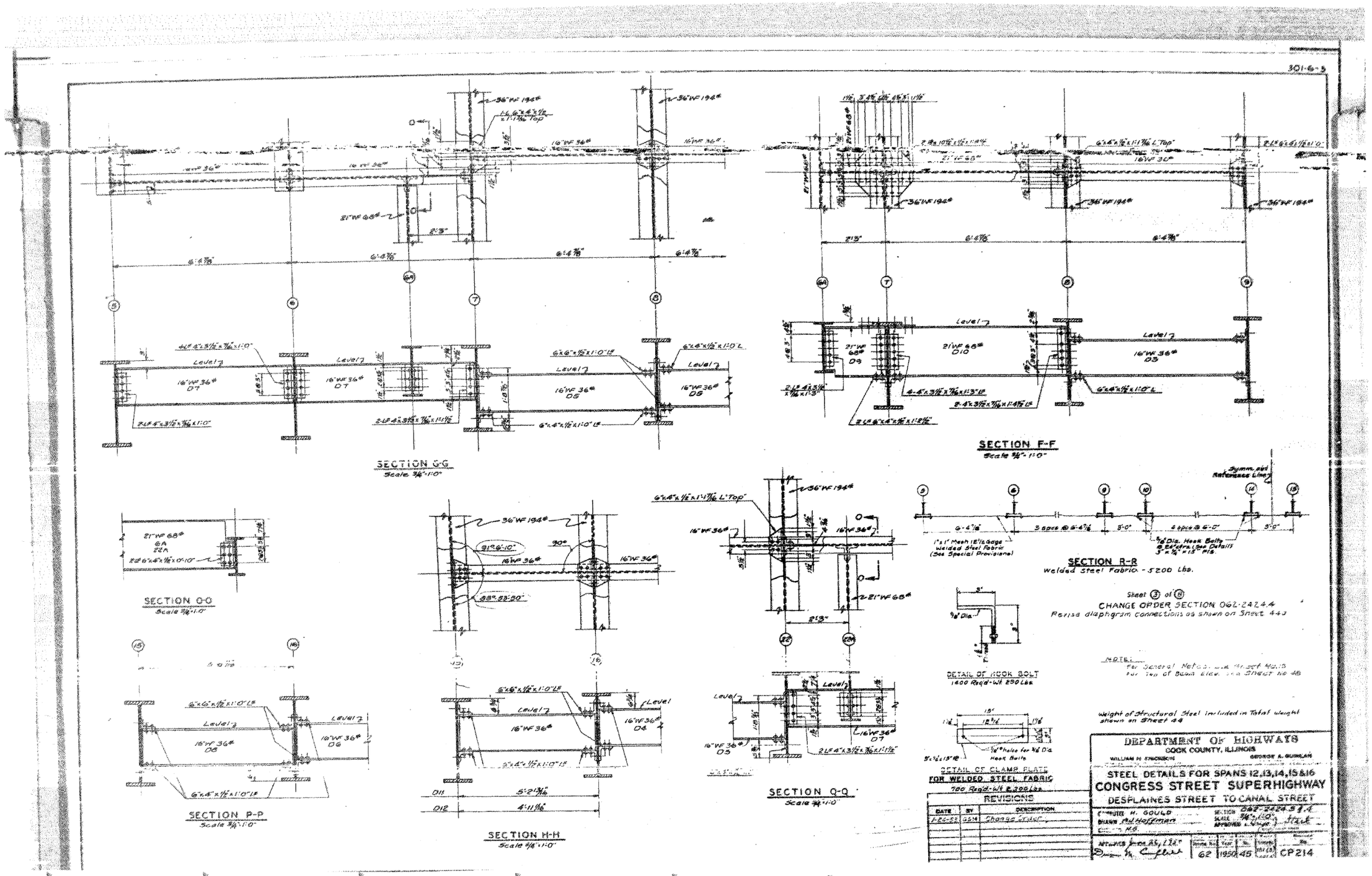
FOR INFORMATION ONLY



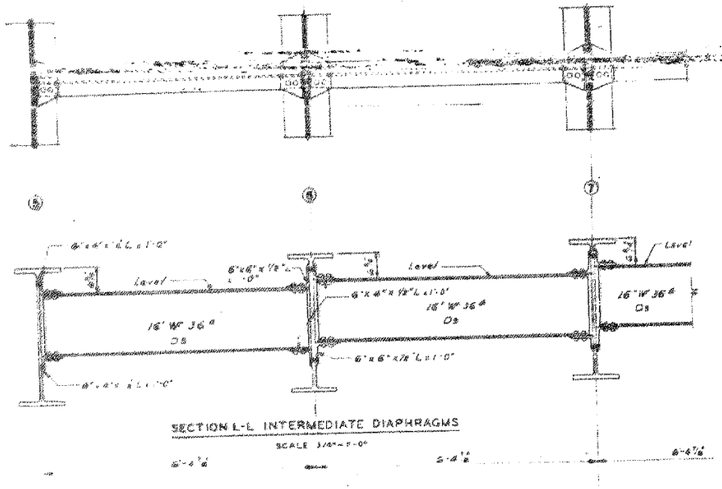
DATE	BY	DESCRIPTION
FEB-28	GSH	Change Order

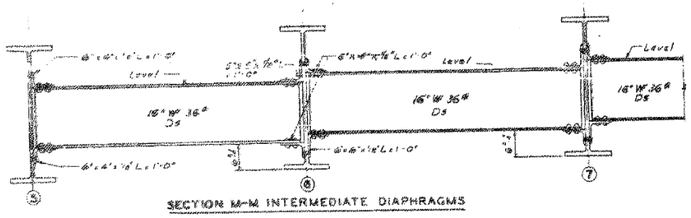
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		
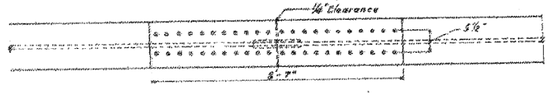
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1501
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

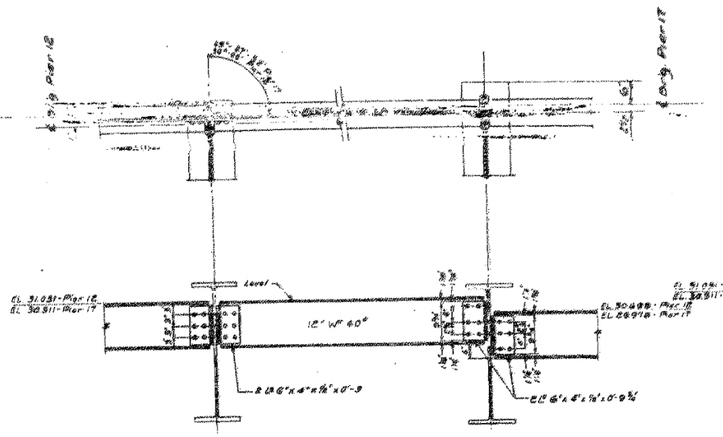
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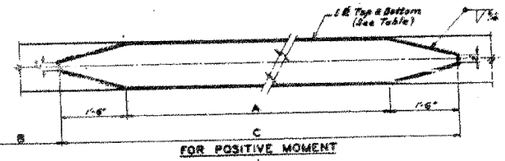
FOR INFORMATION ONLY

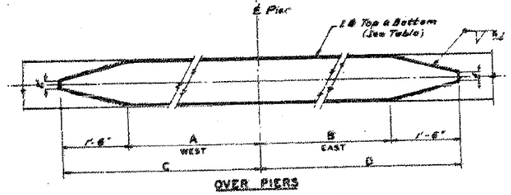




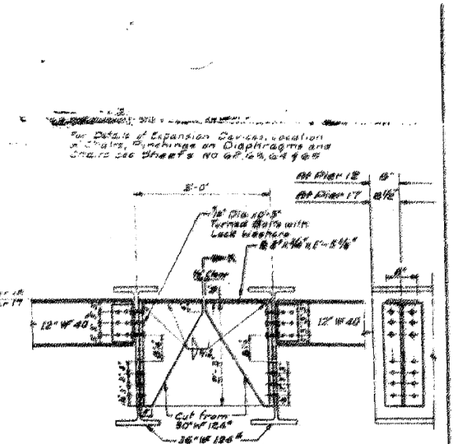








COVER PLATE SIZES						
LOCATION	A	B	C	D	BEAMS NO. 5 6 7 8 9 20 21 22 23 24	BEAMS NO. 10 11 12 13 14 15 16 17 18 19
SPAN 12	35'-0"	16'-10"	38'-0"	——	38"x1"x 5'-5"	——
SPAN 12	30'-0"	17'-4½"	33'-0"	——	——	33"x1"x 5'-2"
PIER 13	9'-3"	8'-3"	10'-9"	10'-9"	21"-6"x1"x 1'-9"	21"-6"x1"x 1'-9"
PIER 14	9'-3"	9'-3"	10'-9"	10'-9"	21"-6"x1"x 1'-9"	21"-6"x1"x 1'-9"
PIER 15	9'-3"	9'-3"	10'-9"	10'-9"	21"-6"x1"x 1'-9"	21"-6"x1"x 1'-9"
PIER 16	——	——	——	——	——	——
SPAN 12	31'-0"	16'-5"	33'-0"	——	34"-0"x1"x 5'-1" BARS 5 6 20 21 22	——
PIER 18	8'-3"	9'-6"	10'-9"	7'-0"	19"-9"x1"x 2'-1"	——





CHANGE ORDER SECTION 062-2424.4
Field splices and fillers as shown on sheet 44a.

NOTE: For elevation top of beams see Sheet No 4B
For general notes, see Sheet No 1B
Weight of structural steel included in Pete. weight shown on sheet 4a.

REVISIONS		
DATE	BY	DESCRIPTION
12-4-53	CS.M	Change Order

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

STEEL DETAILS FOR SPANS 12,13,14,15 & 16
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED L.L.R. R.B.
DRAWN C.A.K. J.G.
CHECKED H.O.
APPROVED June 22, 1950
Duane M. Cuppett

SECTION 062-2424.3&4
SCALE AS SHOWN
APPROVED Virgil J. Stark

62	950	46	161(5) 148(43)	CP 415	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing498
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HBM ENGINEERING GROUP, LLC

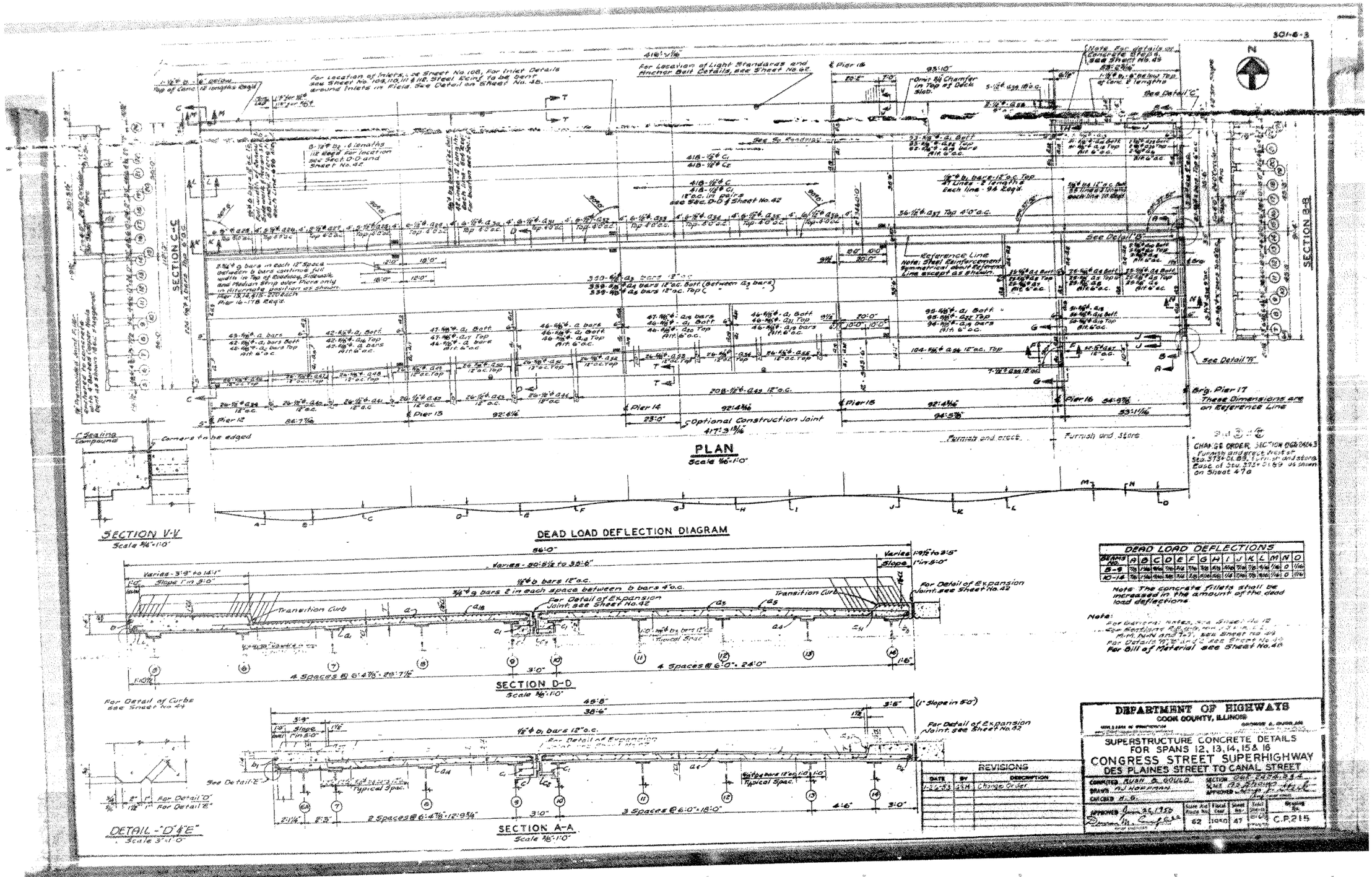
USER NAME = ahmad.issa		DESIGNED -		REVISED -	
		CHECKED -		REVISED -	
PLOT SCALE = N.T.S		DRAWN -		REVISED -	
PLOT DATE = 7/26/2018		CHECKED - MI, MAI		REVISED -	

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	1502
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY



HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1503
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing499

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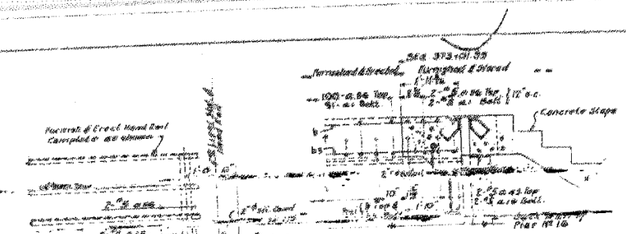
FOR INFORMATION ONLY

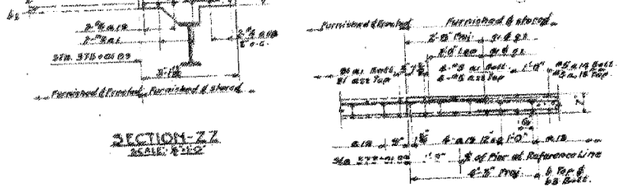
BILL OF MATERIAL FOR SPAN-16

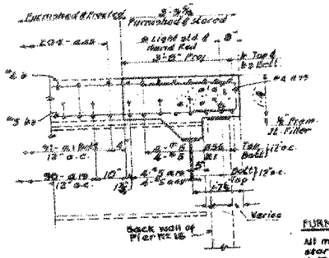
FOR DETAIL SEE SHEET NO. 47 AND 69

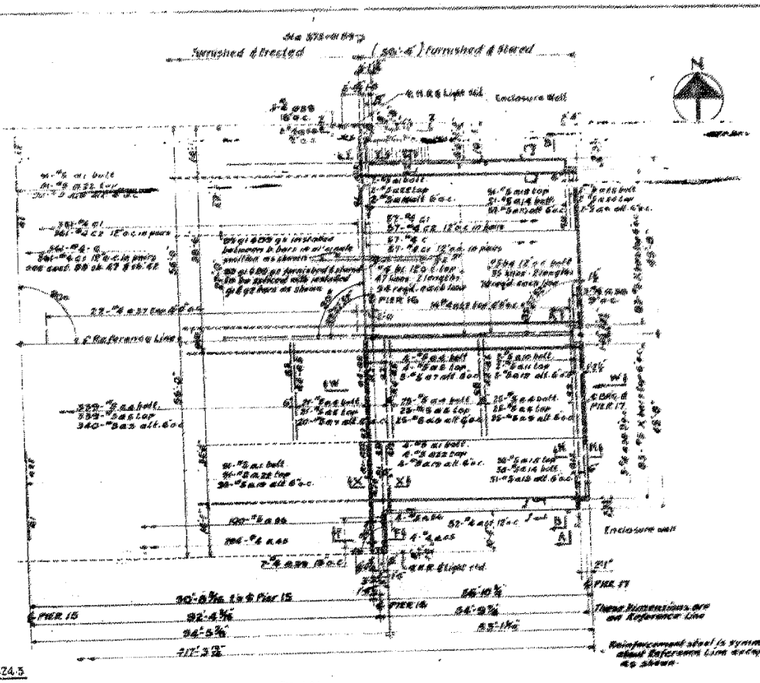
MARK	NO	SIZE	LENGTH	SKETCH	TYPE	
						FURNISHED AND STORED
G1	61	#5	28'-9"		STR.	
G2	108	"	28'-9"		STR.	
G3	108	"	27'-9"		8	
G4	1	"	17'-9"		8	
G5	0				4	
G6	90	"	27'-0"	"	4	
G7	90	"	27'-0"	"	4	
G8	4	"	26'-5"		STR.	
G9	4	"	25'-9"		4	
G10	4	"	27'-0"		4	
G11	109	"	28'-0"		STR.	
G12	101	"	18'-5"		3	
G13	101	"	18'-5"		2	
G14	96	"	30'-6"		1	
G21	6	"	15'-0"		STR.	
G22	4	"	16'-0"		3	
G24	4	#3	17'-0"		5	
G37	28	#4	8'-0"		5	
G38	12	"	6'-0"	"	5	
G39	10	"	5'-5"		6	
G45	8	#6	15'-5"	"	6	
G46	8	#5	12'-5"		5	
G57	104	#4	8'-0"		5	
G58	2	#4	10'-9"		7	
X	106	#5	4'-0"		1	
S1	152	#4	27'-5"		STR.	
S4	140	#4	28'-0"		STR.	
C	114	#4	4'-5"		6	
C1	228	#4	2'-5"		6	
C2	114	#4	4'-0"		6	
J	178	#6	36'-0"		STR.	CUT INTO: 91 & 92 IPE FIELD ERECTED
J1	89	#6	18'-0"	"	"	STORED
J1'	89	#6	18'-0"	"	"	ERECTED
J2	89	#6	18'-0"	"	"	STORED
J3	89	#6	18'-0"			
H1	1	#4	2'-0"		STR.	FURNISHED AND STORED
H2	1	"	3'-3"	"	"	
H3	1	"	5'-0"	"	"	
H4	1	"	6'-5"	"	"	
H5	1	"	8'-8"	"	"	
H6	1	"	10'-6"	"	"	
H7	1	"	12'-6"	"	"	
H8	2	#4	14'-5"		3	
H9	16	#5	7'-0"		1	
H10	6	#5	17'-6"		STR.	
H11	3	#5	5'-5"		7	
H12	4	#4	6'-6"		STR.	
Y1	1	#6	1'-5"		STR.	
Y2	1	"	2'-6"	"	"	
Y3	1	"	3'-0"	"	"	
Y4	1	"	3'-6"	"	"	
Y5	1	"	5'-0"	"	"	
Y8	1	"	5'-5"	"	"	
Y9	1	"	6'-1"	"	"	
Y10	1	"	6'-5"	"	"	
Y11	1	"	7'-6"	"	"	
Y12	1	"	8'-0"	"	"	
Y13	1	"	8'-6"	"	"	
Y16	1	"	9'-5"	"	"	
Y15	1	"	5'-5"			
Y14	15	"	5'-5"		5	

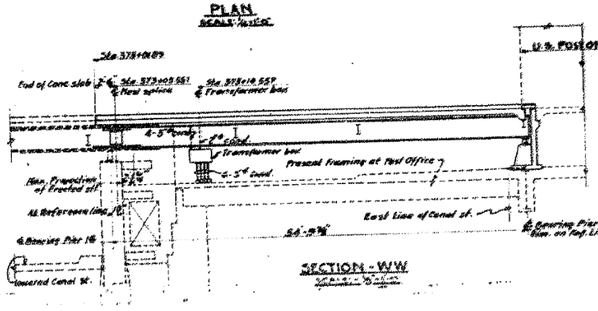
FOR LOCATION SEE ABOVE – FURNISHED AND STORED 25,870 #
PIER NO 17 REINFORCEMENT SEE SHEET #107 " 3,540 #
ENCLOSURE WALL REINFORCEMENT SEE SHEET # 51 " 1,895 #











REVISION TO SECTION-062-2424.3

QUANTITY	UNIT	ITEM	LOCATION	REMARKS
80	LIN. FT.	SAFETY TREAD	SEE SHEET NO. 49	FURNISHED AND STORED
2	EACH	LIGHT STANDARD WITH ANCHORAGE	SEE SHEET NO. 67	"
116	LIN. FT.	TYPE "A" HAND RAIL	FOR SPAN 16 SEE SHEET NO. 69 & 75	"
16	LIN. FT.	TYPE "B" HAND RAIL	" " NO. 69 & 76	"
18.5	LIN. FT.	TYPE "C" HAND RAIL	" " NO. 69 & 76	"
2	EACH	STEPS, LOWER AND PLATFORM	FOR LOCATION SEE SHEET NO. 51	"
2	EACH	UNDER ANCHOR RAIL, INCLUDE CONCRETE	FOR ENCLOSURE WALL SEE SHEET NO. 51	"
16	EACH	"	" " " " "	"
1		NAME PLATE	SEE SHEET NO. 69	TO BE RELOCATED
36,305	LBS	REINFORCEMENT BARS	DECK SLAB, ENCLOSURE WALL, STAIR & PIER	FURNISHED AND STORED
8,022	LBS	"	"S" BARS AT PIER NO. 16	TO BE CUT IN FIELD
203.4	CU. YDS.	CLASS "X" CONCRETE	SHEET NO. 47a, 49, 51, & 107	TO BE DELETED FROM CONTRACT
3840	LBS	REINFORCEMENT BARS	SEE SHEETS 48 & 48a	FURNISHED AND ERECTED
415	SQ. FT.	P.C.C. SIDEWALK	SHEET NO. 151, 154 & 166	TO BE DELETED FROM CONTRACT
71	LIN. FT.	COMB. CONC. C.&G. (TYPE "3)	" "	" " " "
486	SQ. YDS.	GRANITE BLOCK REMOVAL	" "	" " " "
[illegible]		ELECTRICAL [illegible]	[illegible]	[illegible]

FURNISHED AND STORED MATERIALS- SECTION 062-2424.3

All materials that are to be furnished and stored shall be stored on the deck as follows
1- Materials shall rest on adequate timber sleepers, spaced not over 4'-0" o.c. and concentrated in such a manner that the load will not exceed 100 pounds per square foot.
2- Readily transported material such as safety treads, handrail etc. shall be placed under heavy materials to obviate vandalism.
3- Materials shall be covered with securely fastened waterproof fabric, so that they are weatherproof.

NOTE:- The #6 & #3 BARS AND ALL REINFORCEMENT BARS TO BE STORED, MUST BE BUNDLED AND TAGGED IN CONFORMITY WITH THE SPECIFICATION OF ORIGINAL SECTION-062-2424.3

NOTE: This Drawing is to be used with Sheet No. 47, 48a, 49, 51, 61, 69, 73, 74, 107, 175 & 177 of Contract Drawings for Section 062-2424-3

Sheet (1) of (17) Change order 062-2424.3

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

MISCELLANEOUS ITEMS
CHANGE ORDER SECTION 062-2424.3
CONGRESS STREET SUPERHIGHWAY
AT CANAL STREET U.S. POST OFFICE

COMPUTED G.K. G.S.M.
DRAWN G.M.
CHECKED G.S. M
SECTION 062-2424.3 M.A.
SCALE AS SHOWN
APPROVED

APPROVED	DATE	FED. ROAD DIST. NO.	STATE	FED. AID PROJECT	SHEET NO.
Duncan M. Campbell	62	553	47a	16	CP940-S

REVISIONS

DATE	BY	DESCRIPTION

HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1504
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing500

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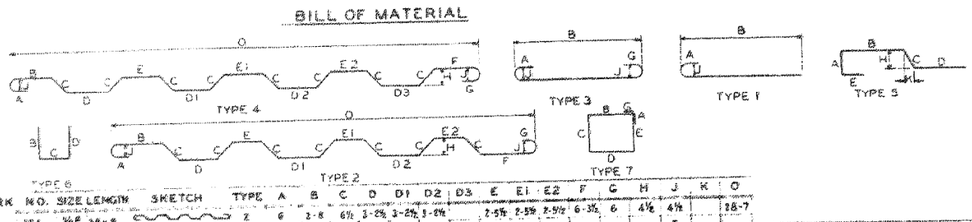
FOR INFORMATION ONLY

301-6-3

ELEVATIONS OF TOPS OF BEAMS & CONCRETE

BEAM	LOCATION	SPAN NO 12 PIER NO 12	1/6 POINT	1/2 POINT SPLICE NO 1	PIER NO 13 SPLICE NO 2	1/2 POINT SPLICE NO 3	PIER NO 14 SPLICE NO 4	1/2 POINT SPLICE NO 5	SPAN NO 14 PIER NO 15 SPLICE NO 6	1/2 POINT SPLICE NO 7	SPAN NO 15 PIER NO 16	1/6 POINT	1/2 POINT	SPAN NO 16 3/6 POINT	PIER NO 17	BACKWALL
CROWN OF ROADWAY		32.183	32.092	32.002	31.912	31.820	31.718	31.615	31.513	31.410	31.307	31.204	31.102	31.000	30.897	31.335
MEDIAN	GUTTER	32.778	32.688	32.598	32.508	32.418	32.316	32.213	32.111	32.008	31.905	31.802	31.700	31.598	31.495	31.932
	TOP OF CURB	32.961	32.871	32.782	32.692	32.602	32.500	32.397	32.295	32.192	32.089	31.986	31.884	31.782	31.679	32.116
	℄ ROADWAY	33.147	33.057	32.967	32.877	32.787	32.685	32.582	32.480	32.377	32.274	32.171	32.069	31.967	31.864	32.301
	GUTTER	32.783	32.693	32.603	32.513	32.423	32.321	32.218	32.116	32.013	31.910	31.807	31.705	31.603	31.500	31.937
67	TOP OF CURB	32.966	32.876	32.787	32.697	32.607	32.505	32.402	32.300	32.197	32.094	31.991	31.889	31.787	31.684	32.121
	℄ ROADWAY	33.150	33.060	32.970	32.880	32.790	32.688	32.585	32.483	32.380	32.277	32.174	32.072	31.970	31.867	32.304
	GUTTER	32.786	32.696	32.606	32.516	32.426	32.324	32.221	32.119	32.016	31.913	31.810	31.708	31.606	31.503	31.940
	TOP OF CURB	32.969	32.879	32.789	32.699	32.609	32.507	32.404	32.302	32.199	32.096	31.993	31.891	31.789	31.686	32.123
	℄ ROADWAY	33.153	33.063	32.973	32.883	32.793	32.691	32.588	32.486	32.383	32.280	32.177	32.075	31.973	31.870	32.307
	GUTTER	32.789	32.699	32.609	32.519	32.429	32.327	32.224	32.122	32.019	31.916	31.813	31.711	31.609	31.506	31.943
	TOP OF CURB	32.972	32.882	32.792	32.702	32.612	32.510	32.407	32.305	32.202	32.099	31.996	31.894	31.792	31.689	32.126
	℄ ROADWAY	33.156	33.066	32.976	32.886	32.796	32.694	32.591	32.489	32.386	32.283	32.180	32.078	31.976	31.873	32.310
	GUTTER	32.792	32.702	32.612	32.522	32.432	32.330	32.227	32.125	32.022	31.919	31.816	31.714	31.612	31.509	31.946
	TOP OF CURB	32.975	32.885	32.795	32.705	32.615	32.513	32.410	32.308	32.205	32.102	31.999	31.897	31.795	31.692	32.129
	℄ ROADWAY	33.159	33.069	32.979	32.889	32.799	32.697	32.594	32.492	32.389	32.286	32.183	32.081	31.979	31.876	32.313
	GUTTER	32.795	32.705	32.615	32.525	32.435	32.333	32.230	32.128	32.025	31.922	31.819	31.717	31.615	31.512	31.949
	TOP OF CURB	32.978	32.888	32.798	32.708	32.618	32.516	32.413	32.311	32.208	32.105	32.002	31.900	31.798	31.695	32.132
	℄ ROADWAY	33.162	33.072	32.982	32.892	32.802	32.700	32.597	32.495	32.392	32.289	32.186	32.084	31.982	31.879	32.316
	GUTTER	32.798	32.708	32.618	32.528	32.438	32.336	32.233	32.131	32.028	31.925	31.822	31.720	31.618	31.515	31.952
	TOP OF CURB	32.981	32.891	32.801	32.711	32.621	32.519	32.416	32.314	32.211	32.108	32.005	31.903	31.801	31.698	32.135
	℄ ROADWAY	33.165	33.075	32.985	32.895	32.805	32.703	32.600	32.498	32.395	32.292	32.189	32.087	31.985	31.882	32.319
	GUTTER	32.801	32.711	32.621	32.531	32.441	32.339	32.236	32.134	32.031	31.928	31.825	31.723	31.621	31.518	31.955
	TOP OF CURB	32.984	32.894	32.804	32.714	32.624	32.522	32.419	32.317	32.214	32.111	32.008	31.906	31.804	31.701	32.138
	℄ ROADWAY	33.168	33.078	32.988	32.898	32.808	32.706	32.603	32.501	32.398	32.295	32.192	32.090	31.988	31.885	32.322
	GUTTER	32.804	32.714	32.624	32.534	32.444	32.342	32.239	32.137	32.034	31.931	31.828	31.726	31.624	31.521	31.958
	TOP OF CURB	32.987	32.897	32.807	32.717	32.627	32.525	32.422	32.320	32.217	32.114	32.011	31.909	31.807	31.704	32.141
	℄ ROADWAY	33.171	33.081	32.991	32.901	32.811	32.709	32.606	32.504	32.401	32.298	32.195	32.093	31.991	31.888	32.325
	GUTTER	32.807	32.717	32.627	32.537	32.447	32.345	32.242	32.140	32.037	31.934	31.831	31.729	31.627	31.524	31.961
	TOP OF CURB	32.990	32.900	32.810	32.720	32.630	32.528	32.425	32.323	32.220	32.117	32.014	31.912	31.810	31.707	32.144
	℄ ROADWAY	33.174	33.084	32.994	32.904	32.814	32.712	32.609	32.507	32.404	32.301	32.198	32.096	31.994	31.891	32.328
	GUTTER	32.810	32.720	32.630	32.540	32.450	32.348	32.245	32.143	32.040	31.937	31.834	31.732	31.630	31.527	31.964
	TOP OF CURB	32.993	32.903	32.813	32.723	32.633	32.531	32.428	32.326	32.223	32.120	32.017	31.915	31.813	31.710	32.147
	℄ ROADWAY	33.177	33.087	32.997	32.907	32.817	32.715	32.612	32.510	32.407	32.304	32.201	32.099	31.997	31.894	32.331
	GUTTER	32.813	32.723	32.633	32.543	32.453	32.351	32.248	32.146	32.043	31.940	31.837	31.735	31.633	31.530	31.967
	TOP OF CURB	32.996	32.906	32.816	32.726	32.636	32.534	32.431	32.329	32.226	32.123	32.020	31.918	31.816	31.713	32.150
	℄ ROADWAY	33.180	33.090	33.000	32.910	32.820	32.718	32.615	32.513	32.410	32.307	32.204	32.102	32.000	31.897	32.334
	GUTTER	32.816	32.726	32.636	32.546	32.456	32.354	32.251	32.149	32.046	31.943	31.840	31.738	31.636	31.533	31.970
	TOP OF CURB	32.999	32.909	32.819	32.729	32.639	32.537	32.434	32.332	32.229	32.126	32.023	31.921	31.819	31.716	32.153
	℄ ROADWAY	33.183	33.093	33.003	32.913	32.823	32.721	32.618	32.516	32.413	32.310	32.207	32.105	32.003	31.900	32.337
	GUTTER	32.819	32.729	32.639	32.549	32.459	32.357	32.254	32.152	32.049	31.946	31.843	31.741	31.639	31.536	31.973
	TOP OF CURB	33.002	32.912	32.822	32.732	32.642	32.540	32.437	32.335	32.232	32.129	32.026	31.924	31.822	31.719	32.156
	℄ ROADWAY	33.186	33.096	33.006	32.916	32.826	32.724	32.621	32.519	32.416	32.313	32.210	32.108	32.006	31.903	32.340
	GUTTER	32.822	32.732	32.642	32.552	32.462	32.360	32.257	32.155	32.052	31.949	31.846	31.744	31.642	31.539	31.976
	TOP OF CURB	33.005	32.915	32.825	32.735	32.645	32.543	32.440	32.338	32.235	32.132	32.029	31.927	31.825	31.722	32.159
	℄ ROADWAY	33.189	33.099	33.009	32.919	32.829	32.727	32.624	32.522	32.419	32.316	32.213	32.111	32.009	31.906	32.343
	GUTTER	32.825	32.735	32.645	32.555	32.465	32.363	32.260	32.158	32.055	31.952	31.849	31.747	31.645	31.542	31.979
	TOP OF CURB	33.008	32.918	32.828	32.738	32.648	32.546	32.443	32.341	32.238	32.135	32.032	31.930	31.828	31.725	32.162
	℄ ROADWAY	33.192	33.102	33.012	32.922	32.832	32.730	32.627	32.525	32.422	32.319	32.216	32.114	32.012	31.909	32.346
	GUTTER	32.828	32.738	32.648	32.558	32.468	32.366	32.263	32.161	32.058	31.955	31.852	31.750	31.648	31.545	31.982
	TOP OF CURB	33.011	32.921	32.831	32.741	32.651	32.549	32.446	32.344	32.241	32.138	32.035	31.933	31.831	31.728	32.165
	℄ ROADWAY	33.195	33.105	33.015	32.925	32.835	32.733	32.630	32.528	32.425	32.322	32.219	32.117	32.015	31.912	32.349
	GUTTER	32.831	32.741	32.651	32.561	32.471	32.369	32.266	32.164	32.061	31.958	31.855	31.753	31.651	31.548	31.985
	TOP OF CURB	33.014	32.924	32.834	32.744	32.654	32.552	32.449	32.347	32.244	32.141	32.038	31.936	31.834	31.731	32.168
	℄ ROADWAY	33.198	33.108	33.018	32.928	32.838	32.736	32.633	32.531	32.428	32.325	32.222	32.120	32.018	31.915	32.352
	GUTTER	32.834	32.744	32.654	32.564	32.474	32.372	32.269	32.167	32.064	31.961	31.858	31.756	31.654	31.551	31.988
	TOP OF CURB	33.017	32.927	32.837	32.747	32.657	32.555	32.452	32.350	32.247	32.144	32.041	31.939	31.837	31.734	32.171
	℄ ROADWAY	33.201	33.111	33.021	32.931	32.841	32.739	32.636	32.534	32.431	32.328	32.225	32.123	32.021	31.918	32.355
	GUTTER	32.837	32.747	32.657	32.567	32.477	32.375	32.272	32.169	32.066	31.963	31.860	31.758	31.656	31.553	31.990
	TOP OF CURB	33.020	32.930	32.840	32.750	32.660	32.558	32.455	32.353	32.250	32.147	32.044	31.942	31.840	31.737	32.174
	℄ ROADWAY	33.204	33.114	33.024	32.934	32.844	32.742	32.639	32.537	32.434	32.331	32.228	32.126	32.024	31.921	32.358
	GUTTER	32.840	32.750	32.660	32.570	32.480	32.378	32.275	32.173	32.070	31.967	31.864	31.762	31.660	31.557	31.994
	TOP OF CURB	33.023	32.933	32.843	32.753	32.663	32.561	32.458	32.356	32.253	32.150	32.047	31.945	31.843	31.740	32.177
	℄ ROADWAY	33.207	33.117	33.027	32.937	32.847	32.745	32.642	32.540	32.437	32.334	32.231	32.129	32.027	31.924	32.361
	GUTTER	32.843	32.753	32.663	32.573	32.483	32.381	32.278	32.176	32.073	31.970	31.867	31.765	31.663	31.560	31.997
	TOP OF CURB	33.026	32.936	32.846	32.756	32.666	32.564	32.461	32.359	32.256	32.153	32.050	31.948	31.846	31.743	32.180
	℄ ROADWAY	33.210	33.120	33.030	32.940	32.850	32.748	32.645	32.543	32.440	32.337	32.234	32.132	32.030	31.927	32.364
	GUTTER	32.846	32.756	32.666	32.576	32.486	32.384	32.281	32.179	32.076	31.973	31.870	31.768	31.666	31.563	32.000
	TOP OF CURB	33.029	32.939	32.849	32.759	32.669	32.567	32.464	32.362	32.259	32.156	32.053	31.951	31.849	31.746	32.183
	℄ ROADWAY	33.213	33.123	33.033	32.943	32.853	32.751	32.648	32.546	32.443	32.340	32.237	32.135	32.033	31.930	32.367
	GUTTER	32.849	32.759	32.669	32.579	32.489	32.387	32.284	32.182	32.079	31.976	31.873	31.771	31.669	31.566	32.003
	TOP OF CURB	33.032	32.942	32.852	32.762	32.672	32.570	32.467	32.365	32.262	32.159	32.056	31.954	31.852	31.749	32.186
	℄ ROADWAY	33.216	33.126	33.036	32.946	32.856	32.754	32.651	32.549	32.446	32.343	32.240	32.138	32.036	31.933	32.370
	GUTTER	32.852	32.762	32.672	32.582	32.492	32.390	32.287	32.185	32.082	31.979	31.876	31.774	31.672	31.569	32.006
	TOP OF CURB	33.035	32.945	32.855	32.765	32.675	32.573	32.470	32.368	32.265	32.162	32.059	31.957	31.855	31.752	32.189
	℄ ROADWAY	33.219	33.129	33.039	32.949	32.859	32.757	32.654	32.552	32.449	32.346	32.243	32.141	32.039	31.936	32.373
	GUTTER	32.855	32.765	32.675	32.585	32.495	32.393	32.290	32.188	32.085	31.982	31.879	31.777	31.675	31.572	32.009
	TOP OF CURB	33.038	32.948	32.858	32.768	32.678	32.576	32.473	32.371	32.268	32.165	32.062	31.960	31.858	31.755	32.192
	℄ ROADWAY	33.222	33.132	33.042	32.952	32.862	32.760	32.657	32.555	32.452	32.349	32.246	32.144	32.042	31.939	32.376
	GUTTER	32.858	32.768	32.678	32.588	32.498	32.396	32.293	32.191	32.088	31.985	31.882	31.780	31.678	31.575	32.012
	TOP OF CURB	33.041	32.951	32.861	32.771	32.681	32.579	32.476	32.374	32.271	32.168	32.065	31.963	31.861	31.758	32.195
	℄ ROADWAY	33.225	33.135	33.045	32.955	32.865	32.763	32.660	32.558	32.455	32.352	32.249	32.147	32.045	31.942	32.379
	GUTTER	32.861	32.771	32.681	32.591	32.501	32.399	32.296	32.194	32.091	31.988	31.885	31.783	31.681	31.578	32.015
	TOP OF CURB	33.044	32.954	32.864	32.774	32.684	32.582	32.479	32.377	32.274	32.171	32.068	31.966	31.864	31.761	32.198
	℄ ROADWAY	33.228	33.138	33.048	32.958	32.868	32.766	32.663	32.561	32.458	32.355	32.252	32.150	32.048	31.945	32.382
	GUTTER	32.864	32.774	32.684	32.594	32.504	32.402	32.299	32.197	32.094	31.991	31.888	31.786	31.684	31.581	32.018
	TOP OF CURB	33.047	32.957	32.867	32.777	32.687	32.585	32.482	32.380	32.277	32.174	32.071	31.969	31.867	31.764	32.201
	℄ ROADWAY	33.231	33.141	33.051	32.961	32.871	32.769	32.666	32.564	32.461	32.358	32.255	32.153	32.051	31.948	32.385
	GUTTER	32.867	32.777	32.687	32.597	32.507	32.405	32.302	32.200	32.097	31.994	31.891	31.789	31.687	31.584	32.021
	TOP OF CURB	33.050	32.960	32.870	32.780	32.690	32.588	32.485	32.383	32.280	32.177	32.074	31.972	31.870	31.767	32.204
	℄ ROADWAY	33.234	33.144	33.054	32.964	32.874	32.772	32.669	32.567	32.464	32.361	32.258	32.156	32.054	31.951	32.388
	GUTTER	32.870	32.780	32.690	32.600	32.510	32.408	32.305	32.203	32.100	31.997	31.894	31.792	31.690	31.587	32.024
	TOP OF CURB	33.053	32.963	32.873	32.783	32.693	32.591	32.488	32.386	32.283	32.180	32.077	31.975	31.873	31.770	32.207
	℄ ROADWAY	33.237	33.147	33.057	32.967	32.877	32.775	32.672	32.570	32.467	32.364	32.261	32.159	32.057	31.954	32.391
	GUTTER	32.873	32.783	32.693	32.603	32.513	32.411	32.308	32.206	32.103	32.000	31.897	31.795	31.693	31.590	32.027
	TOP OF CURB	33.056	32.966	32.876	32.786	32.696	32.594	32.491	32.389	32.286	32.183	32.080	31.978	31.876	31.773	32.210
	℄ ROADWAY	33.240	33.150	33.060	32.970	32.880	32.778	32.675	32.573	32.470	32.367	32.264	32.162	32.060	31.957	32.394
	GUTTER	32.876	32.786	32.696	32.606	32.516	32.414	32.311	32.209	32.106	32.003	31.900	31.798	31.696	31.593	32.030
	TOP OF CURB	33.059	32.969	32.879	32.789	32.699	32.597	32.494	32.392	32.289	32.186	32.083	31.981	31.879	31.776	32.213
	℄ ROADWAY	33.243	33.153	33.063	32.973	32.883	32.781	32.678	32.576	32.473	32.370	32.267	32.165	32.063	31.960	32.397
	GUTTER	32.879	32.789	32.699	32.609	32.519	32.417	32.314	32.212	32.109	32.006	31.903	31.801	31.699	31.596	32.033
	TOP OF CURB	33.062	32.972	32.882	32.792	32.702	32.600	32.497	32.395	32.292	32.189	32.086	31.984	31.882	31.779	32.216
	℄ ROADWAY	33.246	33.156	33.066	32.976	32.886	32.784	32.681	32.579	32.476	32.373	32.270	32.168	32.066	31.963	32.400
	GUTTER	32.882	32.792	32.702	32.612	32.522	32.420	32.317	32.215	32.112	32.009	31.906	31.804	31.702	31.599	32.036
	TOP OF CURB	33.065	32.975	32.885	32.795	32.705	32.603	32.500	32.398	32.295	32.192	32.089	31.987	31.885	31.782	32.219
	℄ ROADWAY	33.249	33.159	33.069	32.979	32.889	32.787	32.684	32.582	32.479	32.376	32.273	32.171	32.069	31.966	32.403
	GUTTER	32.885	32.795	32.705	32.615	32.525	32.423	32.320	32.218	32.115	32.012	31.909	31.807	31.705	31.602	32.039
	TOP OF CURB	33.068	32.978	32.888	32.798	32.708	32.606	32.503	32.401	32.298	32.195	32.092	31.990	31.888	31.785	32.222
	℄ ROADWAY	33.252	33.162	33.072	32.982	32.892	32.790	32.687	32.585	32.482	32.379	32.276	32.174	32.072	31.969	32.406
	GUTTER	32.888	32.798	32.708	32.618	32.528	32.426	32.323	32.221	32.118	32.015	31.912	31.810	31.708	31.605	32.042
	TOP OF CURB	33.071	32.981	32.891	32.801	32.711	32.609	32.506	32.404	32.301	32.198	32.095	31.993	31.891	31.788	32.225
	℄ ROADWAY	33.255	33.165	33.075	32.985	32.895	32.793	32.690	32.588	32.485	32.382	32.279	32.177	32.075	31.972	32.409
	GUTTER	32.891	32.801	32.711	32.621	32.531	32.429	32.326	32.224	32.121	32.018	31.915	31.813	31.711	31.608	32.045
	TOP OF CURB	33.074	32.984	32.894	32.804	32.714	32.612	32.509	32.407	32.304	32.201	32.098	31.996	31.894	31.791	32.228
	℄ ROADWAY	33.258	33.168	33.078	32.988	32.898	32.796	32.693	32.591	32.488	32.385	32.282	32.180	32.078	31.975	32.412
	GUTTER	32.894	32.804	32.714	32.624	32.534	32.432	32.329	32.227	32.124	32.021	31.918	31.816	31.714	31.611	32.048
	TOP OF CURB	33.077	32.987	32.897	32.807	32.717	32.615	32.512	32.410	32.307	32.204	32.101	31.999	31.897	31.794	32.231
	℄ ROADWAY	33.261	33.171	33.081	32.991	32.901	32.799	32.696	32.594	32.491	32.388	32.285	32.183	32.081	31.978	32.415
	GUTTER	32.897	32.807	32.717	32.627	32.537	32.435	32.332	32.230	32.127	32.024	31.921	31.819	31.717	31.614	32.051
	TOP OF CURB	33.080	32.990	32.900	32.810	32.720	32.618	32.515	32.413	32.310	32.207	32.104	32.002	31.900	31.797	32.234
	℄ ROADWAY	33.264	33.174	33.084	32.994	32.904	32.802	32.699	32.597	32.494	32.391	32.288	32.186	32.084	31.981	32.418
	GUTTER	32.900	32.810	32.720	32.630	32.540	32.438	32.335	32.233	32.130	32.027	31.924	31.822	31.720	31.617	32.054
	TOP OF CURB	33.083	32.993	32.903	32.813	32.723	32.621	32.518	32.416	32.313	32.210	32.107	32.005	31.903	31.800	32.237
	℄ ROADWAY	33.267	33.177	33.087	32.997	32.907	32.805	32.702	32.600	32.497	32.394	32.291	32.189	32.087	31.984	32.421
	GUTTER	32.903	32.813	32.723	32.633	32.543	32.441	32.338	32.236	32.133	32.030	31.927	31.825	31.723	31.620	32.057
	TOP OF CURB	33.086	32.996	32.906	32.816	32.726	32.624	32.521	32.419	32.316	32.213	32.110	32.008	31.906	31.803	32.240
	℄ ROADWAY	33.270	33.180	33.090	33.000	32.910	32.808	32.705	32.603	32.500	32.397	32.294	32.192	32.090	31.987	32.424
	GUTTER	32.906	32.816	32.726	32.636	32.546	32.444	32.341	32.239	32.136	32.033	31.930	31.828	31.726	31.623	32.060
	TOP OF CURB	33.089	32.999	32.909	32.819	32.729	32.627	32.524	32.422	32.319	32.216	32.113	32.011	31.909	31.806	32.243
	℄ ROADWAY	33.273	33.183	33.093	33.003	32.913	32.811	32.708	32.606	32.503	32.400	32.297	32.195	32.093	31.990	32.427
	GUTTER	32.909	32.819	32.729	32.639	32.549	32.447	32.344	32.242	32.139	32.036	31.933	31.831	31.729	31.626	32.063
	TOP OF CURB	33.092	33.002	32.912	32.822	32.732	32.630	32.527	32.425	32.322	32.219	32.116	32.014	31.912	31.809	32.246
	℄ ROADWAY	33.276	33.186	33.096	33.006	32.916	32.814	32.711	32.609	32.506	32.403	32.300	32.198	32.096	31.993	32.430
	GUTTER	32.912	32.822	32.732	32.642	32.552	32.450	32.347	32.245	32.142	32.039	31.936	31.834	31.732	31.629	32.066
	TOP OF CURB	33.095	33.005	32.915	32.825	32.735	32.633	32.530	32.428	32.325	32.222	32.119	32.017	31.915	31.812	32.249
	℄ ROADWAY	33.279	33.189	33.099	33.009	32.919	32.817	32.714	32.612	32.509	32.406	32.303	32.201	32.099	31.996	32.433

BILL OF MATERIAL



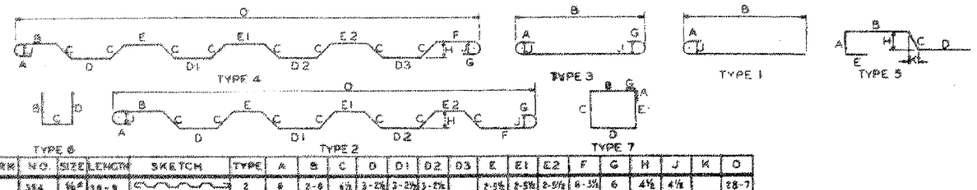
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	D1	D2	D3	E	E1	E2	F	G	H	J	K	O
a	334	1⅛	36-9		2	6	2-8	6½	3-2⅝	3-2⅝	3-2⅝		2-5⅞	2-5⅞	2-5½	6-3½	6	4½	4½		28-7
a1	24	"	22-6		1	7	26-11														
a2	48	"	25-6		4	6	2-4¾	4¾	3-0	5-0	3-0		3-0	2-3	2-3	2-5⅛	6	4½	4½		26-2
a3	880	"	25-6		4	6	2-8	6½	3-2⅝	3-2⅝							6	4½	4½		
a5	688	"	27-9		3	6½	26-8						2-9½			3-0½	6	4½	4½		16-1
a6	4	"	17-9		4	6	2-8	6½	3-2⅝	3-2⅝							6	4½	4½		26-8
a7	56	"	25-6		4	6	2-5½	6½	3-0	3-0	3-0	2-10	2-3	2-3	2-3	2-7⅝	6	4½	4½		26-8
a8	96	"	29-6		4	6	2-5½	6½	3-0	3-0	3-0	2-7	2-3	2-3	2-3	2-10½	6	4½	4½		26-8
a9	96	"	29-6		4	6	2-5⅝	6½	3-0	3-0	3-0	2-4	2-3	2-3	2-3	3-1½	6	4½	4½		26-8
a11	4	"	25-9		3	6	24-9										6		4½		
a12	4	"	27-6		4	6	2-5⅝	6½	3-0	3-0	3-0	2-3	2-3	2-3	2-3	1-2⅝	6	4½	4½		24-8
a14	163	"	29-9		4	6	2-8	6½	3-2⅝	3-2⅝			2-5⅞			5-3½	6	4½	4½		18-4
a15	101	"	19-3		3	6	18-3										6		4½		
a16	84	"	26-0		1	6½	25-5½												4½		
a17	96	"	24-6		1	6½	23-11½												4½		
a18	92	"	23-0		1	6½	22-5½												4½		
a19	272	"	30-6		2	6½	2-8	6½	3-2½	3-2½			2-5½	2-5½		12-8½	6½	4½	4½		28-7
a20	92	"	21-6		1	6½	20-11½												4½		
a22	92	"	19-9		1	6½	19-2½												4½		
a23	188	"	18-0		1	6½	17-2½								

FOR INFORMATION ONLY

ELEVATIONS OF TOPS OF BEAMS & CONCRETE

BEAM	LOCATION	SPAN NO. 1 PIER NO 12	SPAN NO. 1 1/4 POINT	SPAN NO. 1 1/2 POINT	SPAN NO. 1 SPLICE NO 2	SPAN NO. 2 PIER NO 13	SPAN NO. 2 SPLICE NO 3	SPAN NO. 2 1/4 POINT	SPAN NO. 2 1/2 POINT	SPAN NO. 2 SPLICE NO 4	SPAN NO. 3 PIER NO 14	SPAN NO. 3 SPLICE NO 5	SPAN NO. 3 1/4 POINT	SPAN NO. 3 1/2 POINT	SPAN NO. 3 SPLICE NO 6	SPAN NO. 4 PIER NO 15	SPAN NO. 4 SPLICE NO 7	SPAN NO. 4 1/4 POINT	SPAN NO. 4 1/2 POINT	BACK WALL
CROWN OF ROADWAY		31.183	31.182	31.232		31.419		31.367	31.366		31.369		31.368	31.418		31.419		31.366	31.316	31.317
MEDIAN	GUTTER	30.778	30.777	30.827		31.014		30.962	30.961		30.964		30.963	31.013		31.014		30.961	30.911	30.912
	TOP OF CURB	31.361	31.360	31.410		31.597		31.545	31.544		31.547		31.546	31.596		31.597		31.544	31.494	31.495
AT	& HIGHWAY	31.418	31.463	31.511		31.554														
60X93 WALL	GUTTER	30.996	31.001	31.049		31.097		31.046	31.045		31.048		31.047	31.097		31.098		31.045	30.995	30.996
	TOP OF CURB	31.539	31.584	31.632		31.680		31.628	31.627		31.630		31.629	31.679		31.680		31.627	31.577	31.578
	& HIGHWAY	31.757	31.830	31.675		31.766														
	TOP BONN	31.742																		
5	TOP BEAM	29.996																		
	TOP & WK	31.618																		
6	TOP BEAM	30.095																		
7	TOP SLAB	30.864						31.059	31.107	31.158										31.161
	TOP BEAM	30.218	30.378	30.439		30.500		30.662	30.661		30.664		30.663	30.723		30.724		30.661	30.611	30.612
8	TOP SLAB	31.085	31.130	31.175		31.220		31.415	31.463		31.466		31.465	31.515		31.516		31.463	31.413	31.280
	TOP BEAM	30.440	30.600	30.281		30.662		30.824	30.823		30.826		30.825	30.885		30.886		30.823	30.773	30.774
9	TOP SLAB	31.197	31.182	31.230		31.278		31.477	31.525		31.528		31.527	31.577		31.578		31.525	31.475	31.332
	TOP BEAM	30.597	30.558	30.619		30.680		30.842	30.841		30.844		30.843	30.903		30.904		30.841	30.791	30.792
10	TOP SLAB	31.197	31.182	31.230		31.278		31.477	31.525		31.528		31.527	31.577		31.578		31.525	31.475	31.332
	TOP BEAM	30.597	30.558	30.619		30.680		30.842	30.841		30.844		30.843	30.903		30.904		30.841	30.791	30.792
11	TOP SLAB	31.090	31.135	31.183		31.231		31.431	31.479		31.482		31.481	31.531		31.532		31.479	31.429	31.285
	TOP BEAM	30.445	30.806	30.567		30.628		30.789	30.788		30.791		30.790	30.850		30.851		30.788	30.738	30.739
12	TOP SLAB	30.985	31.024	31.072		31.120		31.319	31.367		31.370		31.369	31.419		31.420		31.367	31.317	31.177
	TOP BEAM	30.594	30.194	30.456		30.617		30.778	30.777		30.780		30.779	30.839		30.840		30.777	30.727	30.728
13	TOP SLAB	30.856	30.903	30.951		30.999		31.198	31.246		31.249		31.248	31.298		31.299		31.246	31.196	31.052
	TOP BEAM	30.208	30.269	30.331		30.392		30.553	30.552		30.555		30.554	30.614		30.615		30.552	30.502	30.503
14	TOP SLAB																			
	TOP BEAM	30.083	30.144	30.206		30.267		30.428	30.427		30.430		30.429	30.489		30.490		30.427	30.377	30.378
15	TOP MED SLAB																			
	TOP BEAM	30.083	30.144	30.206		30.267		30.428	30.427		30.430		30.429	30.489		30.490		30.427	30.377	30.328
16	TOP SLAB	30.456	30.502	30.551		30.599		30.798	30.846		30.849		30.848	30.898		30.899		30.846	30.796	30.652
	TOP BEAM	30.108	30.168	30.231		30.292		30.453	30.452		30.455		30.454	30.514		30.515		30.452	30.402	30.403
17	TOP SLAB	30.983	31.028	31.076		31.124		31.323	31.371		31.374		31.373	31.423		31.424		31.371	31.321	31.177
	TOP BEAM	30.333	30.394	30.454		30.517		30.678	30.677		30.680		30.679	30.739		30.740		30.677	30.627	30.628
18	TOP SLAB	31.090	31.135	31.183		31.231		31.431	31.479		31.482		31.481	31.531		31.532		31.479	31.429	31.284
	TOP BEAM	30.444	30.506	30.567		30.628		30.789	30.788		30.791		30.790	30.850		30.851		30.788	30.738	30.739
19	TOP SLAB	31.137	31.182	31.230		31.278		31.476	31.524		31.527		31.526	31.576		31.577		31.524	31.474	31.331
	TOP BEAM	30.496	30.558	30.619		30.680		30.841	30.840		30.843		30.842	30.902		30.903		30.840	30.790	30.791
20	TOP SLAB	31.137	31.182	31.230		31.278		31.476	31.524		31.527		31.526	31.576		31.577		31.524	31.474	31.331
	TOP BEAM	30.496	30.555	30.619		30.680		30.841	30.840		30.843		30.842	30.902		30.903		30.840	30.790	30.741
X1	TOP SLAB	31.089	31.130	31.178		31.226		31.425	31.473		31.476		31.475	31.525		31.526		31.473	31.423	31.278
	TOP BEAM	30.438	30.500	30.561		30.622		30.784	30.783		30.786		30.785	30.845		30.846		30.783	30.733	30.734
22	TOP SLAB	30.986	31.011	31.053		31.107		31.306	31.354		31.357		31.356	31.406		31.407		31.354	31.304	31.159
	TOP BEAM	30.315	30.378	30.439		30.500		30.662	30.661		30.664		30.663	30.723		30.724		30.661	30.611	30.612
23	TOP SLAB	31.436																		
	TOP BEAM	30.095																		
24	TOP BONN	31.743																		
	TOP BEAM	29.948																		

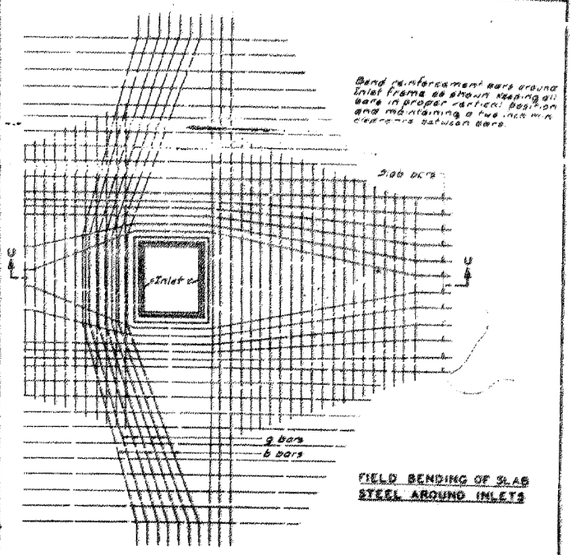
BILL OF MATERIAL



MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	D1	D2	D3	E	E1	E2	F	G	H	J	K	O
a	384	5/8 #	28-9		2	6	2-8	4½	3-2½	2-2½	3-2½		2-5½	2-5½	2-5½	6-3½	6	4½	4½		28-7
a2	84	"	27-6		1	7	26-11												5		
a3	680	"	25-6		4	6	2-3½	6½	3-0	3-0	3-0	3-0	E-3	E-3	E-3	2-5½	6	4½	4½		26-8
a4	828	"	27-9		3	6	6½	26-8									6½				
a5	6	"	17-9		4	6	2-8	4½	3-2½	3-2½			2-3½			3-0½	8	4½	5½		16-11
a7	58	"	29-6		4	6	2-5½	6½	3-0	3-0	3-0	3-0	E-40	E-3	E-3	E-3	6	4½	5½		28-6
a8	52	"	23-4	"	4	6	2-5½	6½	3-0	3-0	3-0		2-7	E-3	E-3	2-10½	6	4½	4½		26-8
a9	50	"	29-6	"	4	6	2-5½	6½	3-0	3-0	3-0		2-4	E-3	E-3	3-1½	6	4½	4½		26-8
a11	4	"	25-9		3	6	24-9										6		4½		
a12	4	"	27-0		4	6	2-5½	6½	3-0	3-0	3-0		E-3	E-3	E-3	1-2½	6	4½	4½		24-8
a13	183	"	20-9		4	6	2-8	6½	3-2½	3-2½				2-5½		5-3½	6	4½	4½		18-4
a15	181	"	19-3		3	6	18-3										6		4½		
a16	84	"	26-0		1	6½	25-5½												4½		
a17	94	"	24-6	"	1	6½	23-11½												4½		
a18	88	"	23-0	"	1	6½	22-9½												4½		
a19	372	"	30-6		2	6½	2-8	6½	3-2½	3-2½			2-5½	2-5½		12-8½	6½	4½	6½		28-7
a22	92	"	21-6		1	6½	20-11½												4½		
a23	88	"	19-9	"	1	6½	19-2½												4½		
a24	182	"	18-6	"	1	6½	17-6½												4½		
a24	4	5/8	17-0		3	6	16-0										6		4½		
a25	12	1/8 #	5-9		5	9	1-1	10	1-7				1-0					8½		5	
a26	10	"	6-6	"	5	9½	1-6½	10	1-8				1-0					8½		5	
a27	18	"	6-3	"	5	10	1-10	18	1-9				1-0					9		5	
a28	18	"	8-0	"	5	10½	1-11½	19	2-10				1-0					9		4½	
a29	18	"	6-6	"	5	11	E-1	10½	1-3½				1-0					9½		4½	
a30	4	"	6-6	"	5	11	E-1	10½	1-3½				1-0					9½		4½	
a31	12	"	7-0	"	5	11	2-0	11	1-9				1-0					10		3½	
a32	12	"	7-3	"	5	11	2-1	11	1-9				1-0					10		3½	
a34	18	"	7-6	"	5	11	2-2½	11	1-9½				1-0					10½		3	
a35	18	"	7-6	"	5	11	2-10	11	1-9				1-0					10½		3	
a36	12	"	7-9	"	5	11	3-0	11	1-9				1-0					11		2½	
a37	72	"	8-3	"	5	11	3-3	11-5	1-9				1-0					11½		2½	
a38	72	"	8-9	"	5	11	3-6	11-8	1-9				1-0					11½		2½	
a39	68	"	5-3		6		2-9	1-0½	1-5½												
a40	52	"	5-9	"	6		3-3	1-0½	1-5½												
a42	36	"	6-9	"	6		4-0	1-0½	1-5½												
a43	52	"	5-6	"	6		3-0	1-0½	1-5½												
a44	48	1/2	8-3		6		5-9	1-0½	1-5½												
a44	28	1/8 #	5-6		5		3-0	1-0½	1-5½									1-0½		2½	
a47	52	"	6-6		5		3-6	1-0½	1-5½									1-0½		2½	
a48	52	"	6-6	"	6		4-6	1-0½	1-5½									1-0½		2½	
a49	52	"	7-0	"	5		4-9	1-0	1-6									1-0		2	
a50	52	"	7-6	"	5		5-0	1-0	1-6									1-0		2	
a51	52	"	8-0	"	5		5-6	1-0	1-6									1-0		2	

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	K
a52	52	5/8 #	8-6		5		6-0	1-0	1-6			1-0		2
a53	52	"	9-3	"	5		6-9	11-½	2-6½			11½		2
a54	52	"	10-3	"	5		7-9	11-½	1-6½			11½		2
a55	52	"	11-3	"	5		8-9	11¾	1-6½			11¾		2
a56	208	5/8	12-3	"	5		9-9	1-0	1-6			11½		2½
a57	104	1/2 #	8-0		5	1-1	3-6	1-0	1-8	9		11½		2½
a58	2	"	10-9		7	4½	4-0	1-1	4-0	11	4½			
C	836	1/2 #	4-3		6		1-3	1-6	1-6					
C1	1672	"	2-9		6		1-2	5	1-2					
C2	836	1/2	4-0		6		1-0	1-6	1-6					
h9	16	5/8 #	7-0		3	7½	5-9				7½		5	
h10	6	"	17-6		1	7	16-11						5	
h12	4	1/2 #	6-6		7		2-10	1-0½	1-2	1-0½	5			
v10	15	1/2 #	3-3		5	1-6	2-3							
X	380	5/8 #	4-0		1	7	3-5						5	

CLASS "A" CONCRETE 140 CU. YDS.
REINFORCEMENT BARS 31,120 LBS.
SAFETY TREAD 80 LIN. FT.



FIELD BENDING OF SLAB STEEL AROUND INLETS



SECTION U-U

CHANGE ORDER SECTION 062-2424.3 & .4

Revised Elevations of tops of beams at E point and 8 points in span 1 for beams 7 to 22 inclusive are marked with W. The revisions are due to change, Order to Sections 062-2424.3 and .4.

Furnish and erect 3840 lbs. Reinforcement Bars. This increase is because only one half the number of bars mark C, C1, and C2 called for on Sheet 47 are listed on Sheet 48.

Sheet 5 of 19 Contract No. 62-2424.4
Sheet 3 of 19 Contract No. 62-2424.3

MARK	NO.	SIZE	LENGTH	SKETCH
a1	724	5/8 #	28-9	
a4	828	"	26-9	
a10	4	"	24-9	
a14	101	"	18-3	
a23	4	5/8	16-0	
b	1416	1/2 #	31-9	
b1	192	"	27-9	
b2	224	1/2	31-3	
b3	1005	1/2 #	28-0	
b4	140	"	25-0	
g	838	5/8 #	30-0	
g1	178	"	18-0	
g2	178	5/8 #	12-0	
h1	3	1/8 #	2-0	
h2	1	"	3-3	
h3	1	"	5-0	
h4	1	"	6-9	
h5	1	"	8-6	
h7	1	"	12-6	
h8	2	1/2	14-3	
h11	3	1/8 #	5-9	
v1	1	1/2 #	1-9	
v2	1	"	2-6	
v3	1	"	3-0	
v4	1	"	3-6	
v5	1	"	4-0	
v7	1	"	4-9	
v8	1	"	5-9	
v9	1	"	6-3	
v10	1	"	6-9	
v11	1	"	7-6	
v12	1	"	8-0	
v13	1	"	8-6	
v14	1	"	9-3	
v15	1	1/2 #	9-9	

Change Order Section 062-2424.3
Cut 178 g bars into 178 g, bars and 178 g2 bars
Cut from g bars, Erect 89, Store 89
Cut from g bars, Erect 89, Store 89

REVISIONS		
DATE	BY	DESCRIPTION
May 1 1968	R.J.H.	Bar Qty. Change to agree with Change Order
Jan 14 1969	R.J.H.	For Change Order

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICKSON, PRESIDENT BOARD OF COUNTY HIGHWAY COMMISSIONERS
WILLIAM J. MORTIMER, ACTING SUPERINTENDENT OF HIGHWAYS

STRUCTURE DETAILS OF CONCRETE DETAILS

FOR SPANS 12, 13, 14, 15 & 16
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED HUSH & GOULD SECTION 062-2424.3 & 4
DRAWN J.G. SCALE
CHECKED H.G. APPROVED
APPROVED [illegible] DEPUTY CHIEF ENGINEER
Deputy Supt. Engineer

STATE	DISTRICT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	DRAWING NO.
ILLINOIS					

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

HBM ENGINEERING GROUP, LLC

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	1506
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\61174?9-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing502
1:49:28 PM

FOR INFORMATION ONLY

SECTION N-N
Scale 1/8"=1'-0"

SECTION F-F
Scale 1/2"=1'-0"

SECTION G-G
Scale 1/2"=1'-0"

SECTION H-H
Scale 1/2"=1'-0"

SECTION J-J
Scale 1 1/2"=1'-0"

DETAIL "C"
Scale 3/8"=1'-0"

DETAIL "B"
Scale 3/8"=1'-0"

DETAIL "A"
Scale 3/8"=1'-0"

Note: For SECTION E-E see Sheet 64

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

SECTION R-R
Scale 1/2"=1'-0"

SECTION S-S
Scale 1/2"=1'-0"

DETAIL "E"
Scale 3"=1'-0"

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

SECTION T-T
Scale 1/2"=1'-0"

SECTION K-K
Scale 1/2"=1'-0"

SECTION L-L
Scale 1/2"=1'-0"

SECTION M-M
Scale 1/2"=1'-0"

SECTION O-O
Scale 1/2"=1'-0"

SECTION Q-Q
Scale 1/2"=1'-0"

ELEVATION P-P
Scale 1/2"=1'-0"

ELEVATION OF MEDIAN STRIP CURB

ELEVATION OF SIDEWALK CURB

DETAIL OF MOUNTABLE CURB

DETAILS OF BARRIER CURBS

CHANGE ORDER SECTION 06-2424-3
Furnish and store items installed on the sheet as shown on Sheet 49A

NOTES:
The General Notes see Sheet No. 15.
Cost of furnishing and installing 1" Unit Cinch Anchor Bolts or equivalent and 18" Bituminous Felt shall be included in the Unit price bid for Class S Concrete.
For Bill of Material see Sheet No. 66.

REVISIONS		
DATE	BY	DESCRIPTION
1-26-83	GSK	SHEET 2 OF 2

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM N. ERICKSON — GEORGE A. D. MILLER

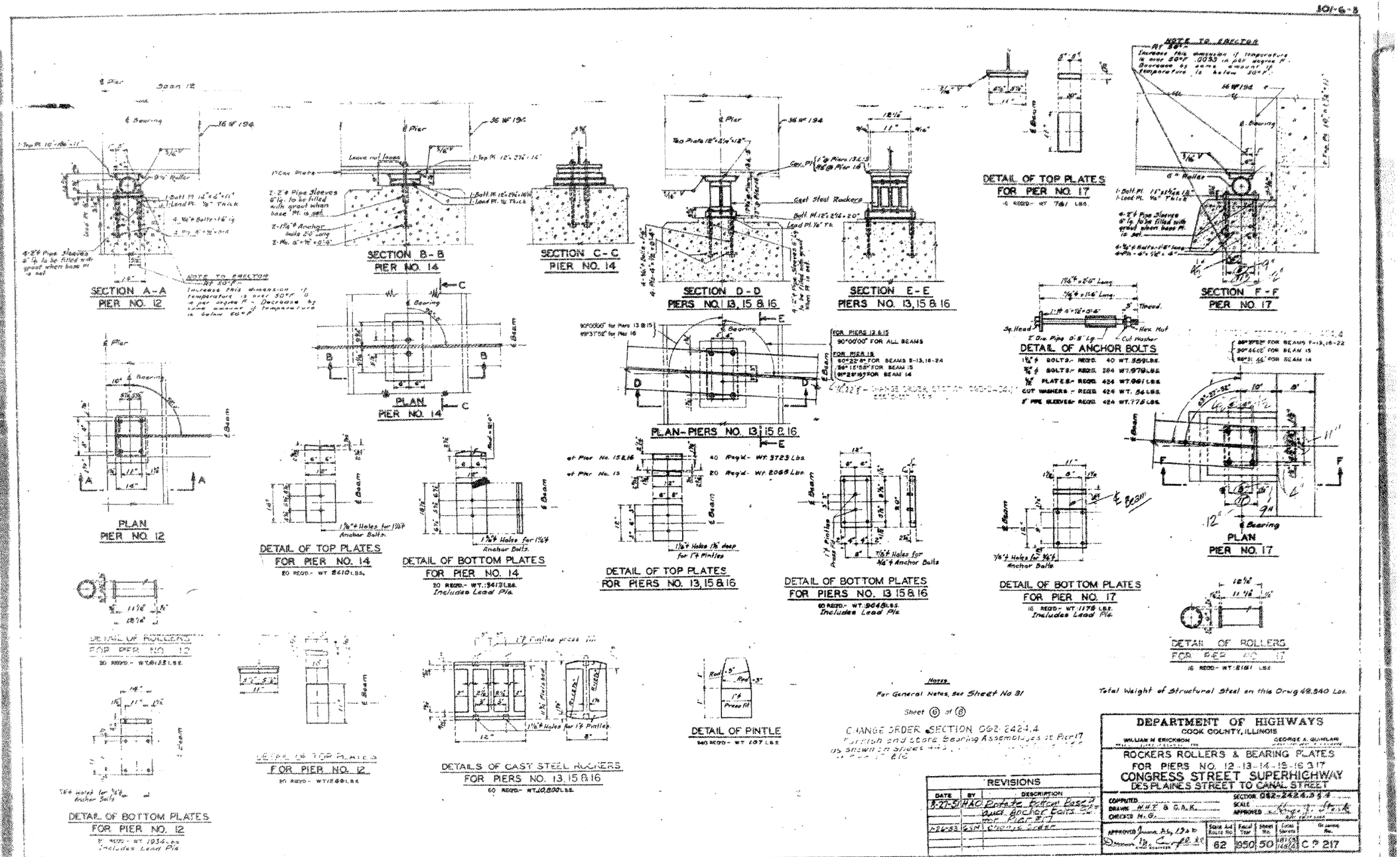
SUPERSTRUCTURE CONCRETE DETAILS
FOR SPANS 12, 13, 14, 15 & 16
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED M. GOWLA — SECTION 06-2424-3 & 4
DRAWN M. HORAHAN — SCALE AS SHOWN — APPROVED
CHECKED M. G. — DATE
APPROVED — DATE 7/6/1950

Highway Dist.	County	Sheet No.	Total Sheets	Drawing No.
62	1950	49	VOL. I VOL. II	C.P. 458

Sheet (4) of (7)

FOR INFORMATION ONLY



Notes

For General Notes, see Sheet No. 81

Sheet (6) of (8)

Total Weight of Structural Steel on this Drwg. 49,340 Lbs.

CHANGE ORDER SECTION 062-2424.4
Furnish and Store Bearing Assemblies at Pier 17 as shown on Sheet No. 816

REVISIONS		
DATE	BY	DESCRIPTION
8-27-81	HAD	Rotate Bottom Base 22° and Anchor Bolts 30° for Pier 317
12-6-83	GSM	Change Scale

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

ROCKERS ROLLERS & BEARING PLATES
FOR PIERS NO. 12-13-14-15-16 & 17
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED	SECTION 062-2424.4 & 4
DRAWN M.H.T. & G.A.K.	SCALE
CHECKED M.G.	APPROVED

APPROVED	Route No.	Total Trip	Sheet No.	Total Sheets	Contract No.
	62	950	50	1972 1508	C P 217

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing504
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1508
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

SECTION A-A
Scale 3/8"=1'-0"

SECTION B-B

SECTION C-C
Scale 1/2"=1'-0"

SOUTH ENCLOSURE WALL
Scale 1/8"=1'-0"

SECTION D-D
Scale 1"=1'-0"

SECTION E-E

NORTH ENCLOSURE WALL
Scale 1/8"=1'-0"

DETAIL OF CINCH ANCHOR BOLT

Type B

Type C

BILL OF MATERIAL

Mark	No.	Size	Length	Sketch	Type	A	B	C	D
h1	30	#6	31'-8"		U	6		1'-10"	9'-6"
h2	16	"	10'-3"		U	6		4'-10"	9'-6"
h3	6	"	6'-3"			6	1'-0"	7'-3"	
h4	6	"	7'-6"						
h5	1	"	26'-9"						
h6	4	"	27'-2"			5	W	26'-3"	
h7	3	"	38'-0"						
h8	3	"	38'-6"			5	108°	41'-7½"	
h9	1	"	19'-0"						
h10	1	#6	15'-6"			6	1'-0"	18'-6"	
h11	4	#6	5'-0"						
h12	12	#6	22'-0"						
h13	6	#6	36'-6"						
h14	8	#6	27'-3"						
v1	43	#6	6'-0"		U	6		2'-8"	2'-8"
v2	8	"	6'-3"		U	6		2'-8"	2'-8"
v3	2	"	6'-3"		U	6		2'-7½"	2'-7½"
v4	62	"	7'-0"						
v5	40	#6	8'-4"						
d	9	#6	3'-6"			6	1'-0"	3'-6"	

Class "K" Concrete, Cu Yds 24.6
Reinforcement Bars lbs 1895
2 Steel Doors with Frames each 2

Change Sheet No. 11

CHANGE ORDER SECTION 062-2424.3

For materials shown on this sheet Furnish and Store Reinforcement Bars and Steel Doors with Frames, Delete Class "K" Concrete.

Notes:
For General Notes see Sheet No 12
Splicing of reinforcement bars to be 35 diameters minimum lap.
Cost of furnishing and installing 2 Unit Cinch Anchor bolts, or equivalent, shall be included in the unit price bid for Class "K" Concrete.
4" Granite block pavement and sand cushion removal shall be paid for under the Item of Pavement Removal.

REVISIONS

DATE	BY	DESCRIPTION
11-1-96	TPO	Granite Block Removal
		Curve Data

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

ENCLOSURE WALLS - PIER 16 TO PIER 17
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED H.S.O.U.D. SECTION 062-2424.3 & 4
CHECKED H.G. APPROVED George J. Sislak
APPROVED June 22, 1942 Duncan M. Cooper

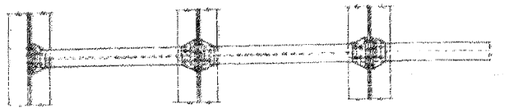
State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	51	197 (51 USED)	C.P. 416

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

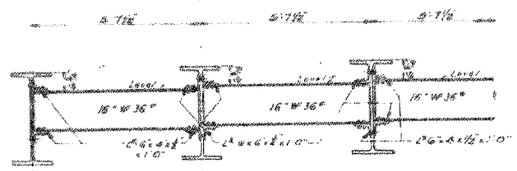
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90/94/290	2014-013R&B-R	COOK	1972	1509
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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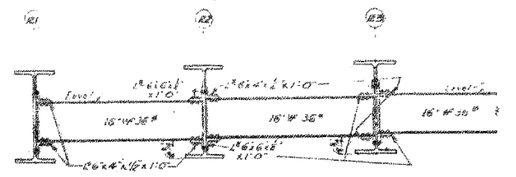
FOR INFORMATION ONLY



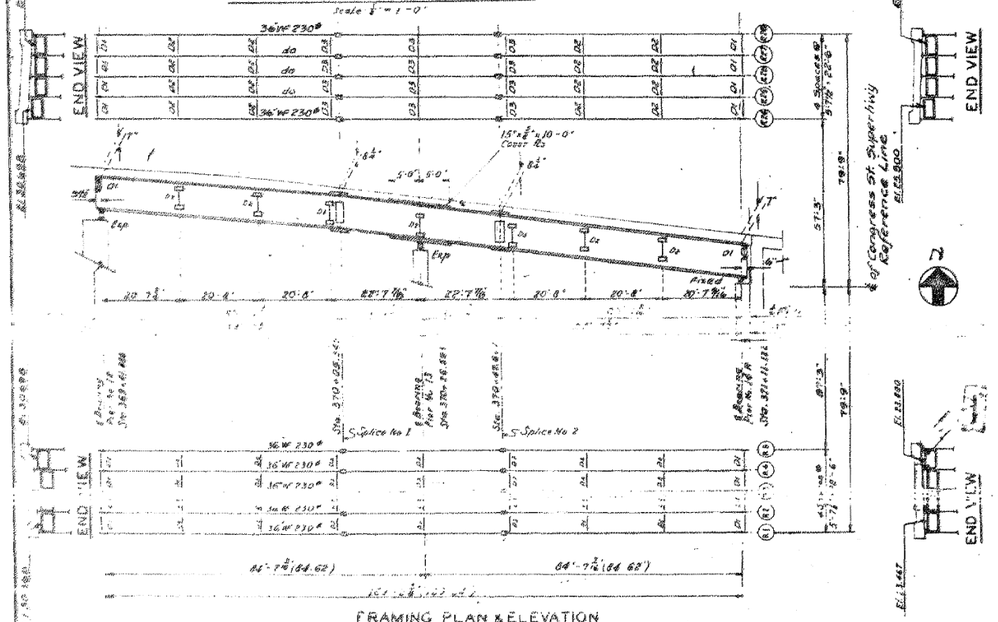
PLAN-DIAPHRAGMS D2 & D3
Scale 1"=1'-0"



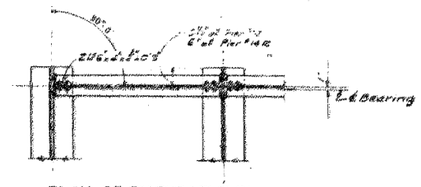
TYPICAL DETAIL OF DIAPHRAGMS D2
Scale 1"=1'-0"



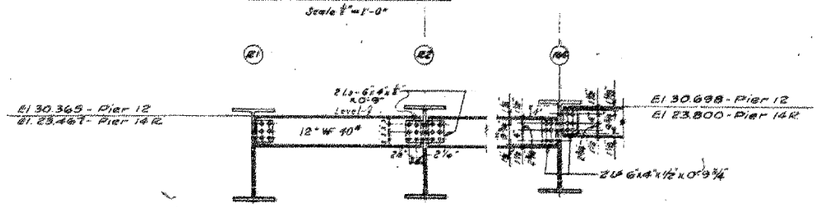
TYPICAL DETAIL OF DIAPRAGMS D3
Scale 1"=1'-0"



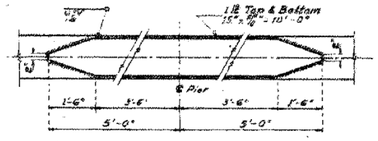
FRAMING PLAN & ELEVATION
Scale 1"=10'-0" Hor., 1"=1'-0" Vert



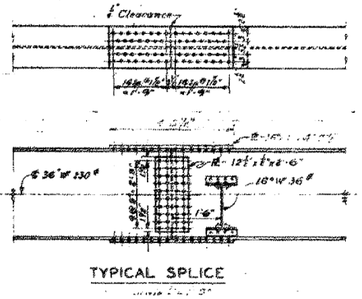
PLAN OF DIAPHRAGMS D1
Scale 1"=1'-0"



ELEVATION-DIAPHRAGMS D1
Scale 1"=1'-0"



DETAIL OF COVER PLATES
Scale 1"=1'-0"



TYPICAL SPLICE

NOTE:
For General Notes, see Sheet No. 3
For Top of Beam Elev. see Sheet No. 9

Total Structural Steel on this Sheet 433,290 lbs.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM H. ERICKSON
GEORGE A. SCHMIDT

FRAMING PLAN-SERVICE RAMP PIER 12 TO 14R
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

COMPUTED L.L. & H.T. SECTION 062-2424.3 & 4
DRAWN CABEZAS - J.G. SCALE AS NOTED
CHECKED H. G.
APPROVED June 27, 1950

Year	Route No.	Project Year	Sheet No.	Total Sheets	Drawing
62	1950	52	57 (28)		CP218

REVISIONS

DATE	BY	DESCRIPTION

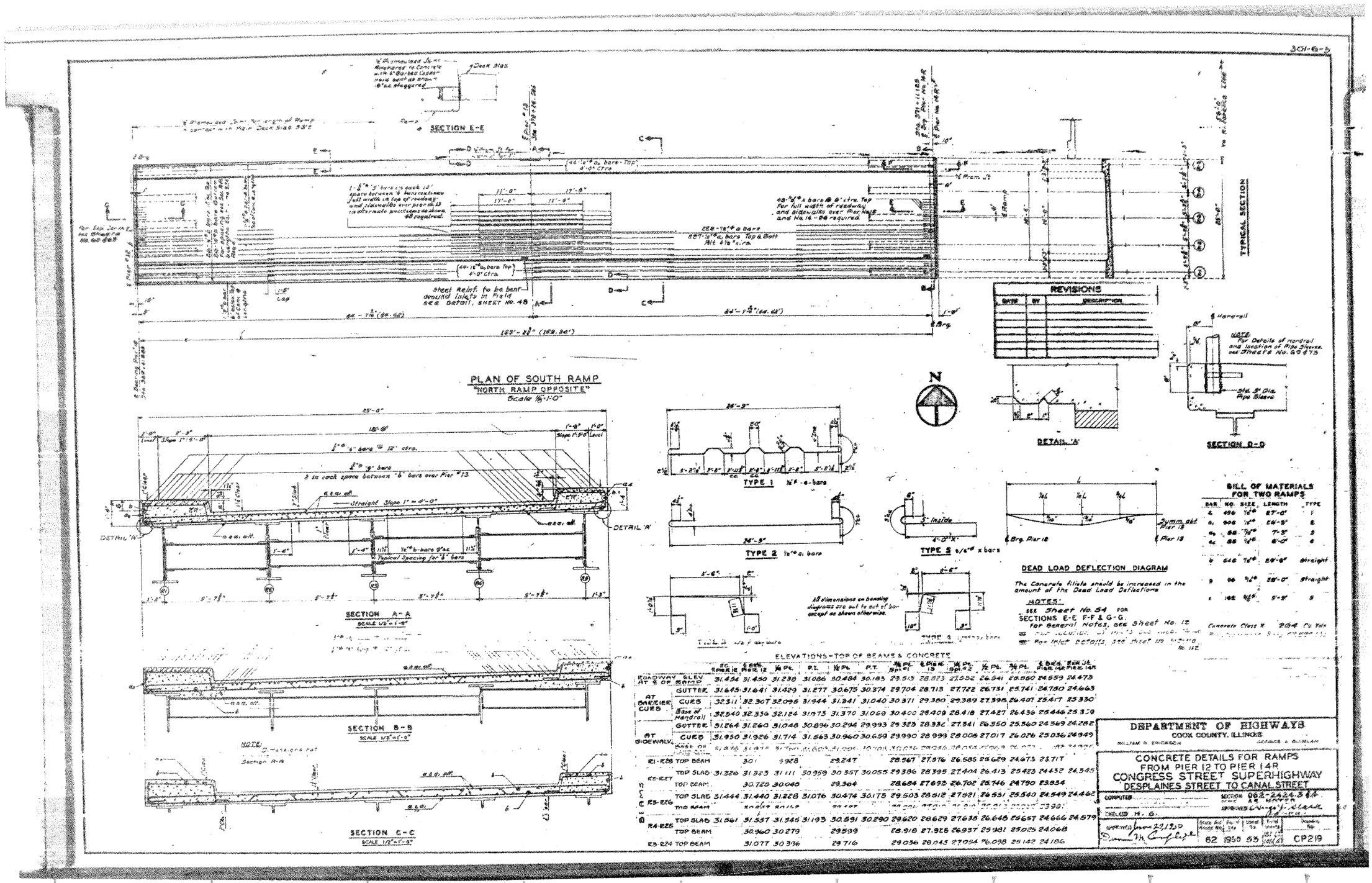
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1510
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



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		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1511
			CONTRACT NO. 60X93	
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FOR INFORMATION ONLY

ROLLER AT PIER NO. 12

SECTION G-G

NOTE TO ERECTOR:
Increase this dimension by 0.0066 inches per degree F. if temperature is over 50°F. Decrease by same amount if temperature is under 50°F.

ROCKER AT PIER NO. 13

BEARING PLATES AT PIER NO. 14-R

SECTION E-E

PLAN AT PIER NO. 12

PLAN AT PIER NO. 13

PLAN AT PIER NO. 14-R

SECTION F-F

ANCHOR BOLTS

1¼" ø Bolts	20	Req'd - Wt.	195 Lbs.
1" ø Bolts	80	Req'd - Wt.	204 "
⅝" Plates	130	Req'd - Wt.	227 "
Cut washers	160	Req'd - Wt.	14 "
2" Pipe Sleeves	100	Req'd - Wt.	183 "

TOP PLATES
10 Req'd - Wt. 902 Lbs.

ROLLERS
10 Req'd - Wt. 3345 Lbs.

BOTTOM PLATES
10 Req'd - Wt. 900 Lbs.
Includes Lead Pls.

TOP PLATES
10 Req'd - Wt. 1203 Lbs.

BOTTOM PLATES
10 Req'd - Wt. 750 Lbs.
Includes Lead Pls.

PINTLES
40 Req'd - Wt. 18 Lbs.

CAST STEEL ROCKERS
10 Req'd - Wt. 1200 Lbs.

TOP PLATES
10 Req'd - Wt. 893 Lbs.

BOTTOM PLATES
10 Req'd - Wt. 750 Lbs.
Includes Lead Pls.

REVISIONS

DATE	BY	DESCRIPTION

NOTES:
FOR LOCATION OF SECTIONS SEE Sheet No. 53

For General Notes see Sheet No. 3!

Total Weight of Structural Steel on this Dwg. 10,940 Lbs.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

ROCKERS, ROLLERS & BEARING PLATES
FOR RAMPS, PIERS 12-13 & 14R
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

COMPUTED
DRAWN CADCAD - T.C.
CHECKED M. G.
062-2424.3 & 4

APPROVED [illegible]

62	1950	54	1950 (3 sheets)	CP220

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -	

EXISTING RECORD DRAWINGS

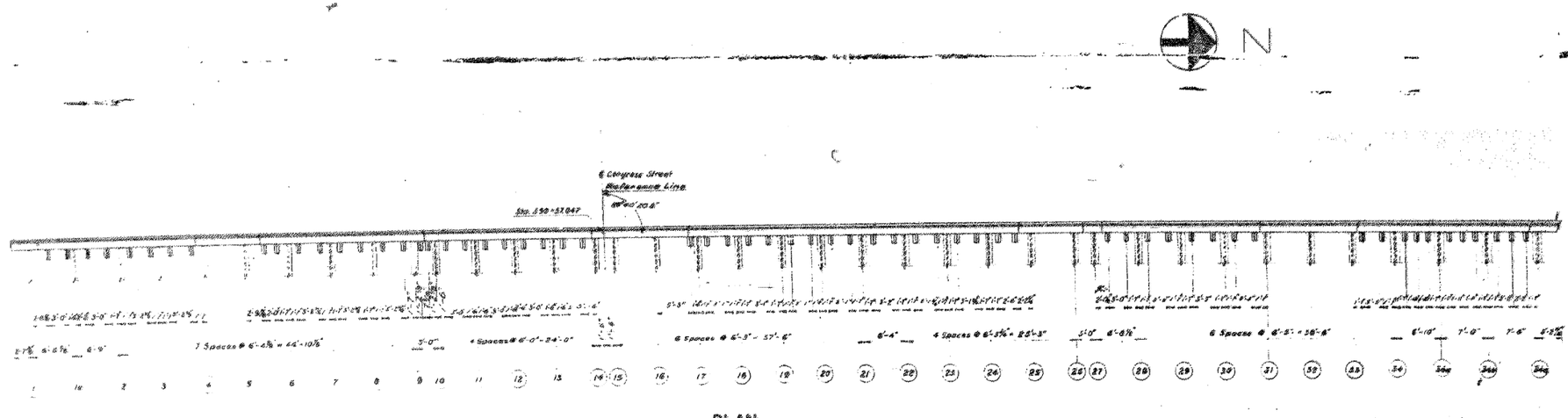
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FOR INFORMATION ONLY

301-6-3



NOTE:
Anchors at Sidewalks and Median Strips are shown on Sheet No 57
Finger plates not shown in plan.
℄ of Expansion Device is the same as ℄ of Pier 1.

REVISIONS		
DATE	BY	DESCRIPTION

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

EXPANSION DEVICE AT PIER 1
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

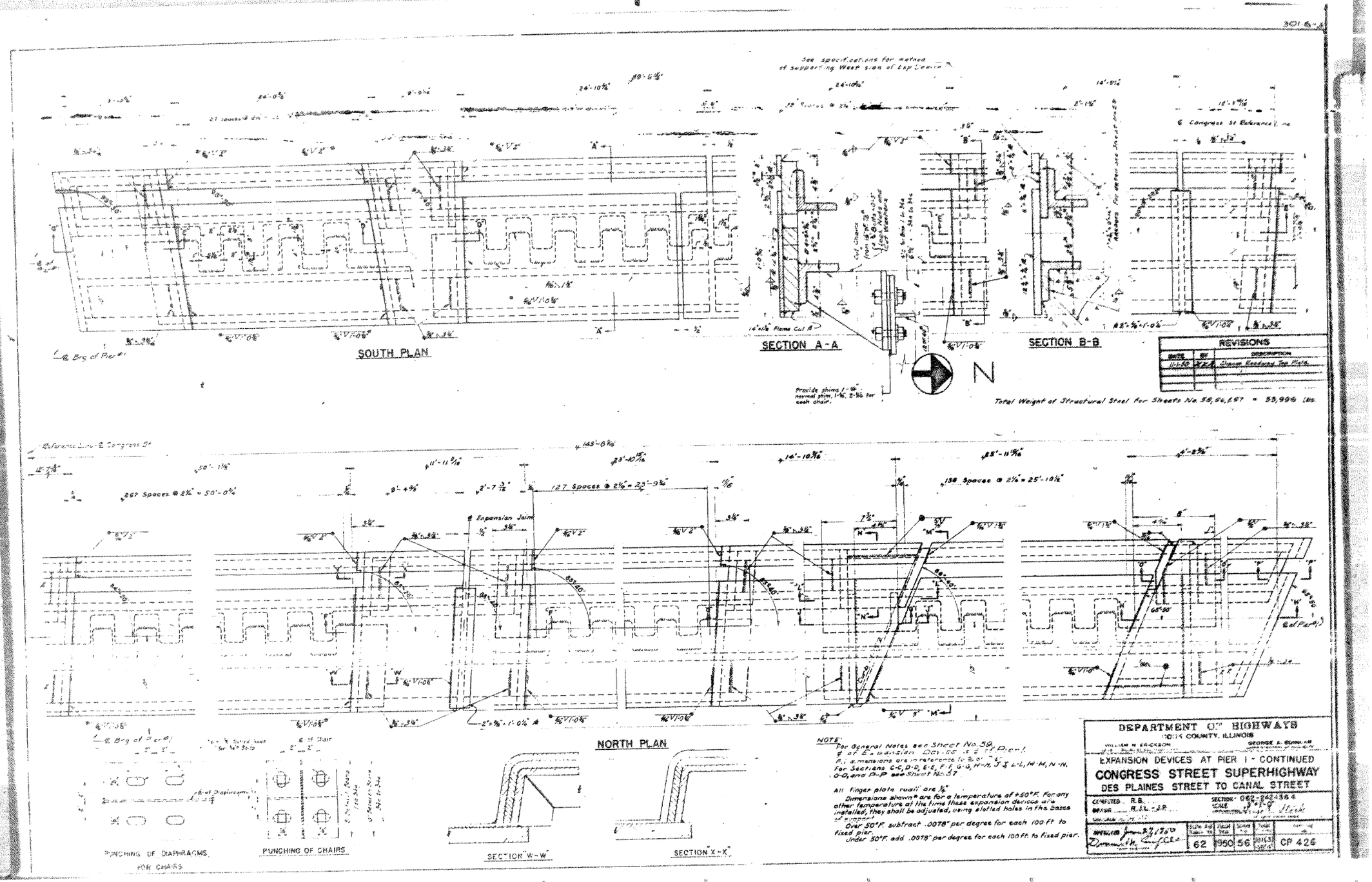
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DRAWN R.J., M.P. — SCALE 1/8"=1'-0"
CHECKED — FED. ROUTE
RECOMMENDED June 27, 1972 — STATE ROAD DIST. NO. 1 — TRACT NO. — SHEETS NO. — DRAWING NO.
DEPUTY DIRECTOR — 62 — 1950 — 55 (1826.31 2681.43) — CP 425

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		CHECKED -	REVISED -		
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	PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1513
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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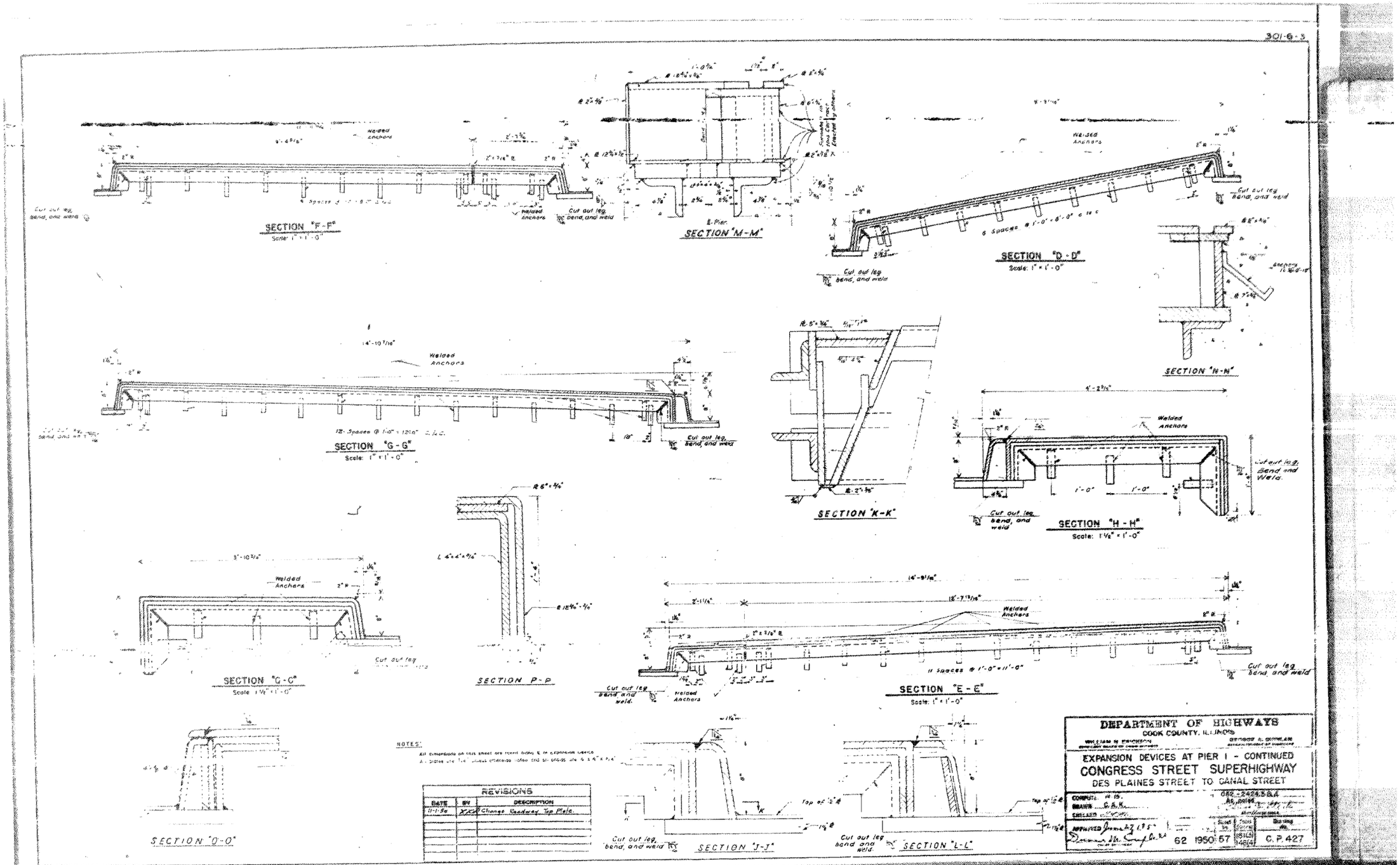


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FOR INFORMATION ONLY

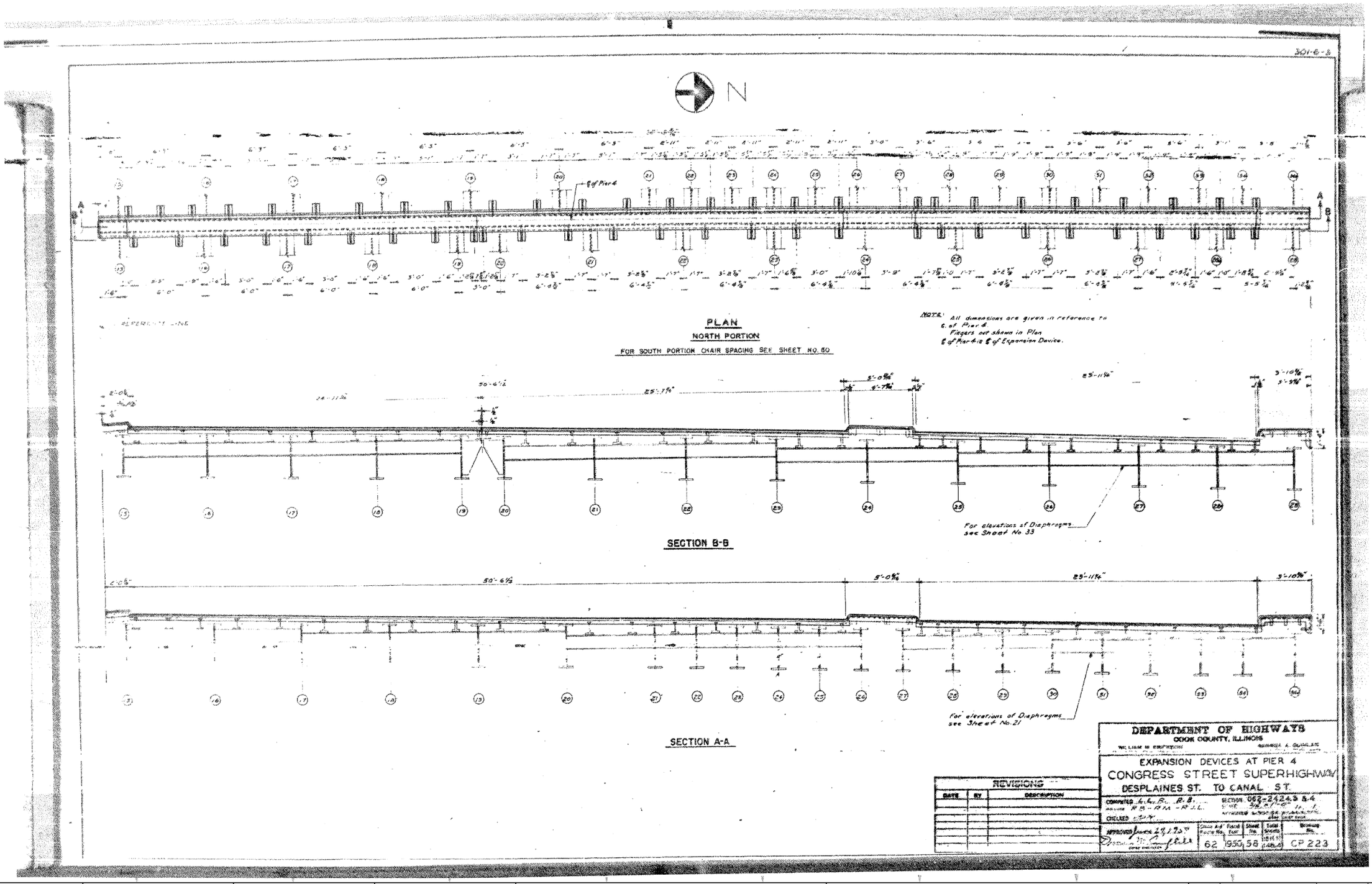


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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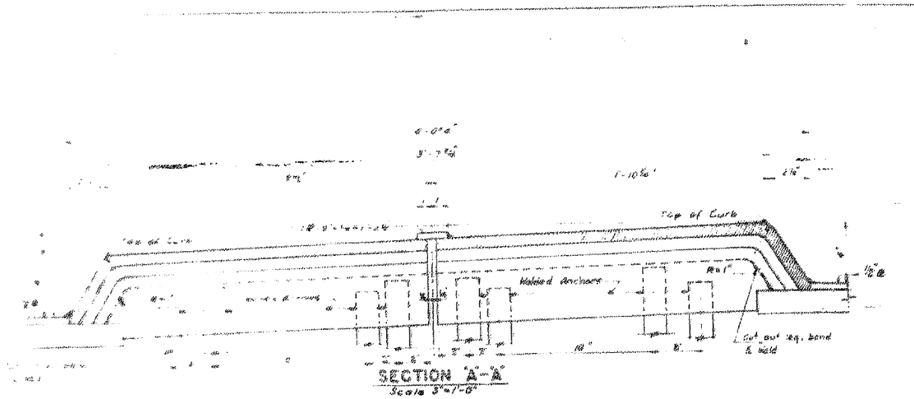


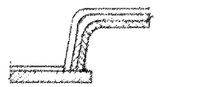
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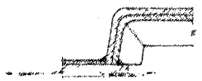
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FOR INFORMATION ONLY



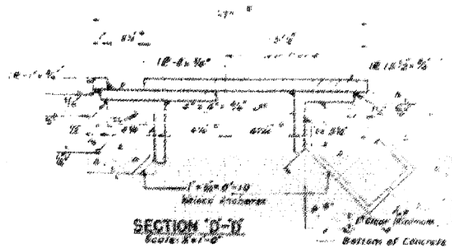


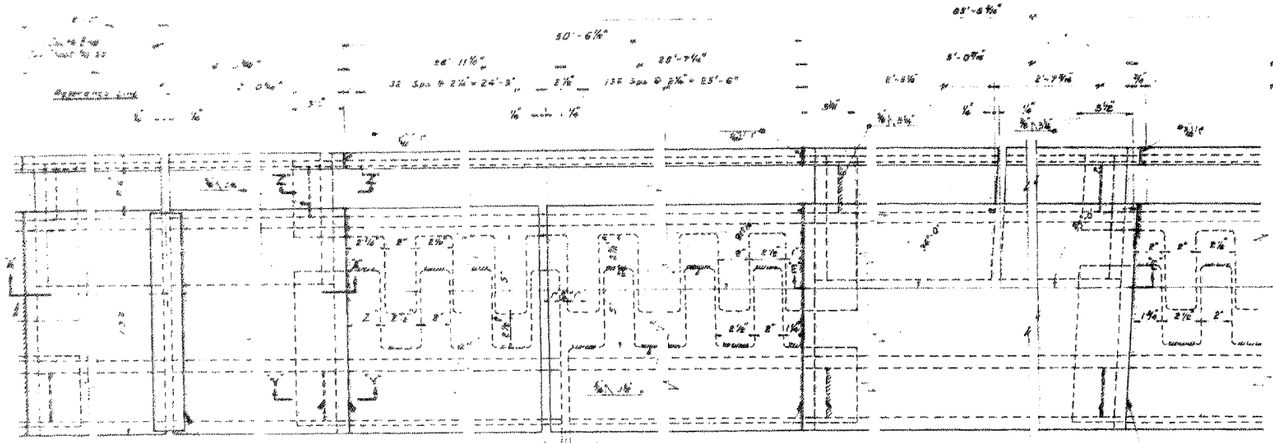


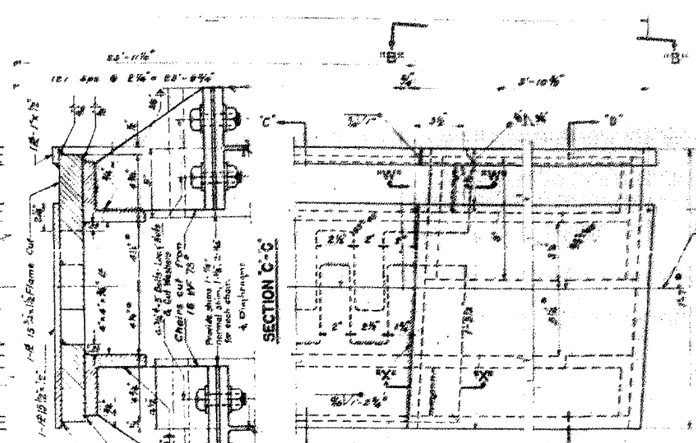




Scale: 1½"=1'-0"





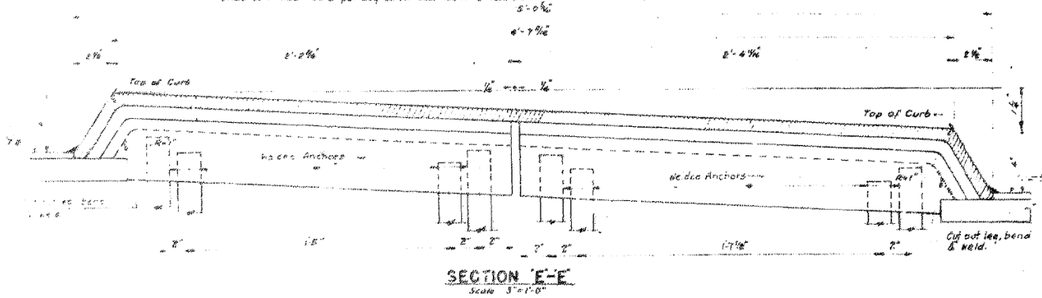


NOTE:-
Openings shown are for temperature at +80° F. for any other temperature at the time these expansion devices are installed, they shall be adjusted, using slotted holes in the bases at supports.
Over 80° F. subtract .0078 per degree for each foot of fixed pier shown and .0078 per degree for each inch of fixed pier.

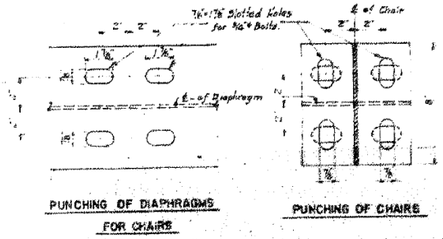


PLAN
Scale: 3"=1'-0"

GENERAL NOTES:-
Plates for roadway shall conform to shape, crown of roadway, and to curve or straight line respectively of the grade line.
All material for expansion devices shall be copper bearing steel containing .20% copper and shall conform to A.S.T.M.-67 Specifications as amended to date.
All inaccessible parts not in contact with concrete shall be given two shop coats of red lead paint.



SECTION "E-E"
Scale 3"=1'-0"



PUNCHING OF DIAPHRAGMS FOR CHAIRS

PUNCHING OF CHAIRS

NOTE:-
Curved web 6 shown on Sheet No. 65
All dimensions are measured with respect to ℄ of Pier #4
All finger plate rests are ½" ℄ of Pier #4

REVISIONS		
DATE	BY	DESCRIPTION
11-1-66	KPM	Change Roadway Top Elev.

Total weight of Structural Steel for Sheet Nos. 60, 59 & 66 — 28,068 lbs.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. ERICKSON — GEORGE W. COLLINS

EXPANSION DEVICES AT PIER 4 — CONTINUED
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R. B.
DRAWN B.J.L. J.P.
CHECKED
SECTION C62-2224.3 & 4
SCALE AS NOTED
APPROVED [illegible]

STATE SHEET NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	DRAWING NO.
62	66-67	59	MAIN ROUTE	CR 224

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing513
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HBM ENGINEERING GROUP, LLC

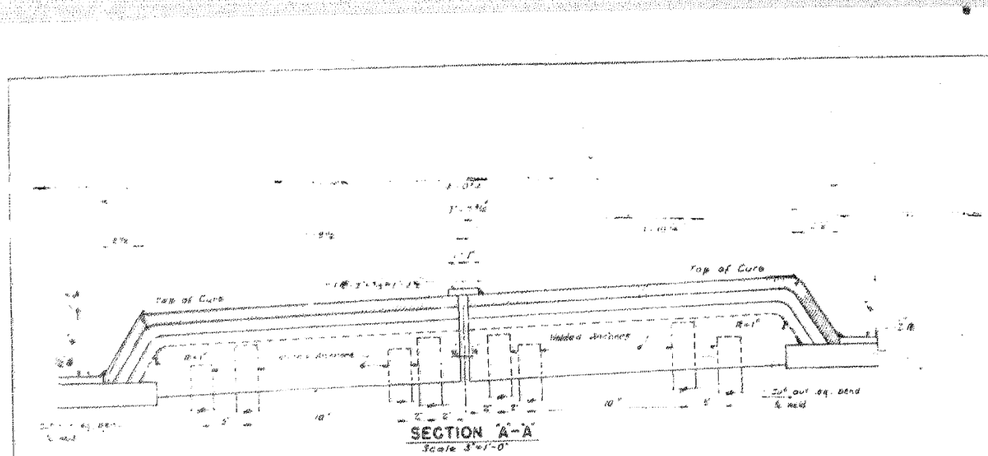
USER NAME = ahmad,issa	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE = N.T.S	DRAWN -	REVISED -
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -

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	1517
			CONTRACT NO. 60X93	
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY



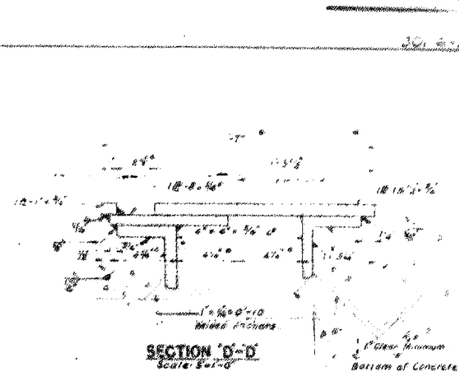

SECTION 'W'-'W'

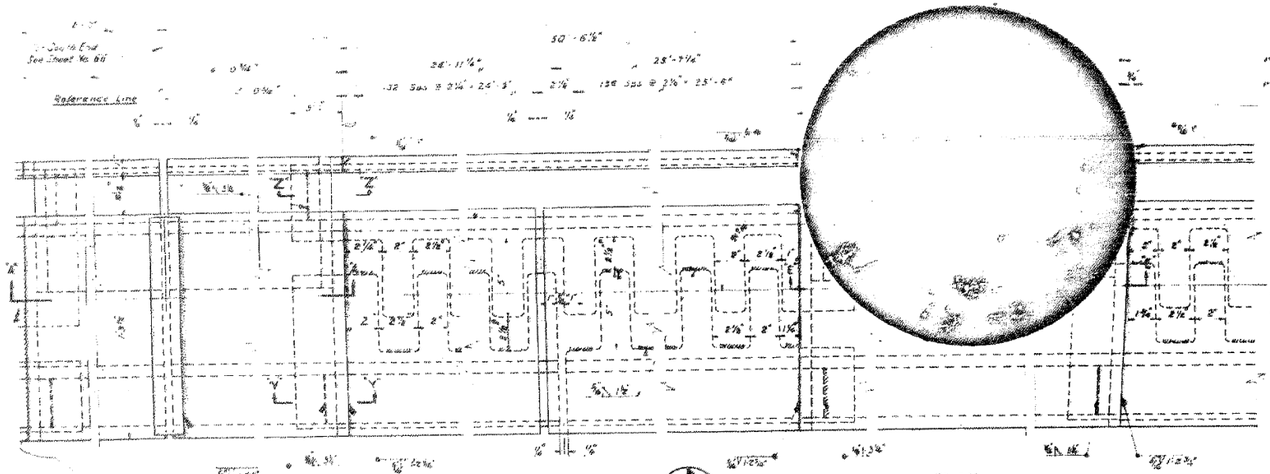

SECTION 'X'-'X'


SECTION 'Y'-'Y'


SECTION 'Z'-'Z'

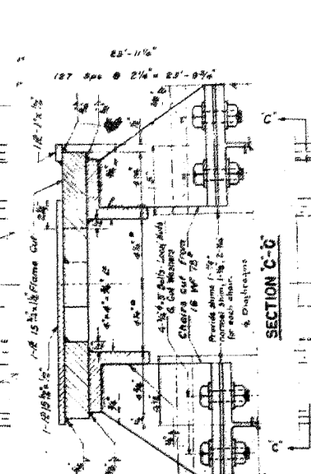
Scale 1½"=1'-0"





NOTE:-
Dimensions shown are for temperature of 150° F. for any other temperature at the time mass expansion devices are adjusted the following table shall be used:


PLAN
Scale 3"=1'-0"

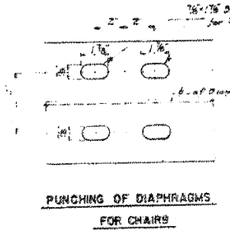


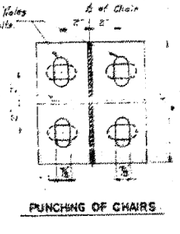
GENERAL NOTES:-
Plates for roadway shall conform to shape, crown of roadway, and to curve or straight line respectively of the whole unit.
All material for expansion devices shall be [illegible] and shall conform to A.S.T.M. or similar specifications as amended to date.
All machine parts not in contact with concrete shall be given two shop coats of red lead paint.

NOTE:-
Elevations-B shown on Sheet No. 63
All dimensions are places with respect to ℄ of Pier 4
All finger plate rivets are ½"

DATE	BY	DESCRIPTION
11-1-44	R.R.	Change Roadway To Rolls

Total weight of Structural Steel for Sheet Nos. 58, 59 & 66 — 28,048 lbs.


PUNCHING OF DIAPHRAGMS FOR CHAIRS


PUNCHING OF CHAIRS

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

EXPANSION DEVICES AT PIER 4 - CONTINUED
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R.R.
DRAWN R.S.L. J.P.
CHECKED
SECTION 062-2424, 3&4
SCALE AS NOTED
APPROVED

APPROVED 4-7-1945
Chief Engineer

State Job Book No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	59	1518 (1972)	CP 224

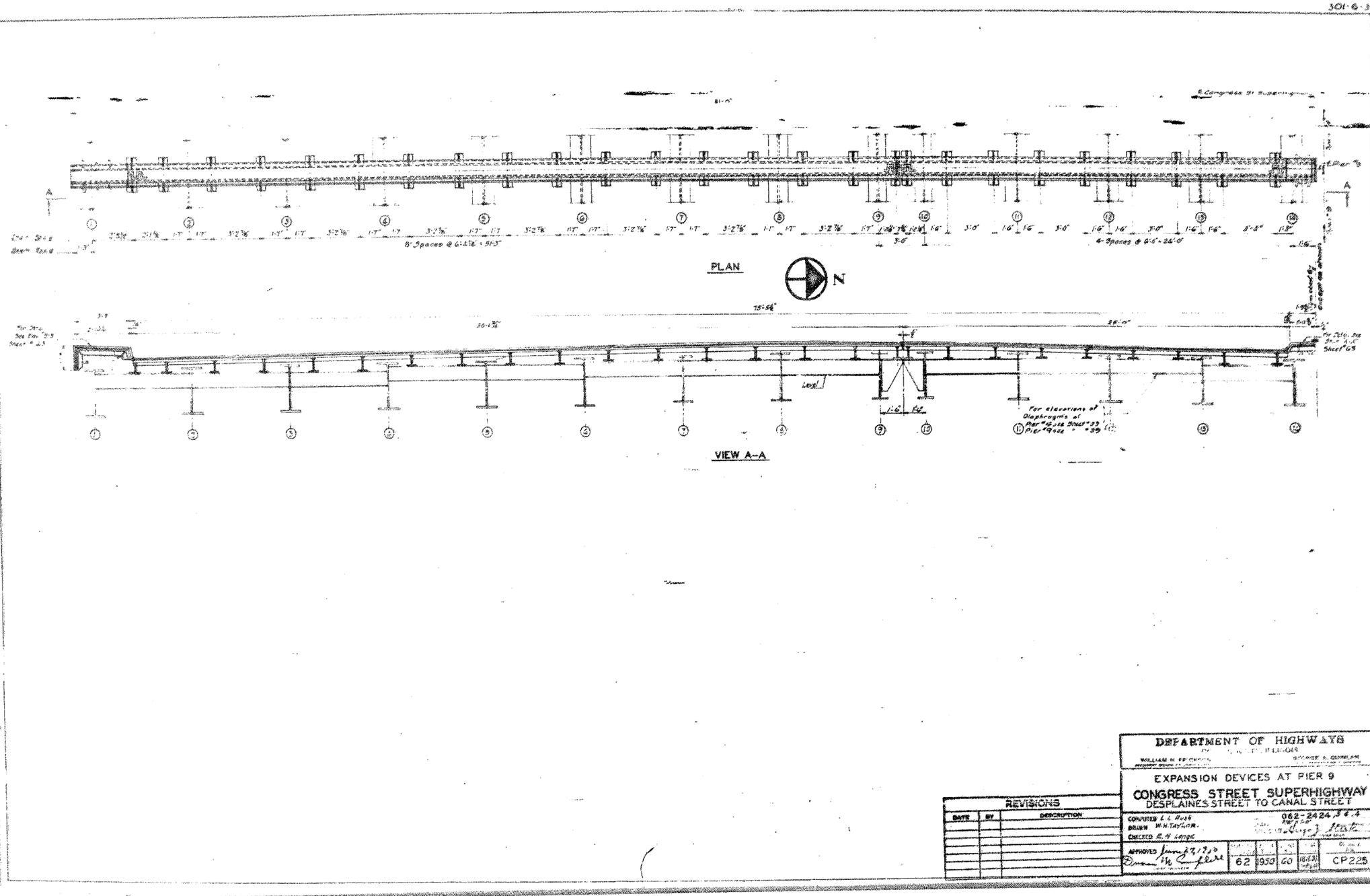
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1:51:07 PM

HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1518
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS

EXPANSION DEVICES AT PIER 9

CONGRESS STREET SUPERHIGHWAY

DESPLAINES STREET TO CANAL STREET

REVISIONS		
DATE	BY	DESCRIPTION

COMPUTED L. L. Rusk
DRAWN W. N. TAYLOR.
CHECKED R. W. LATOK

062-2424 34.4

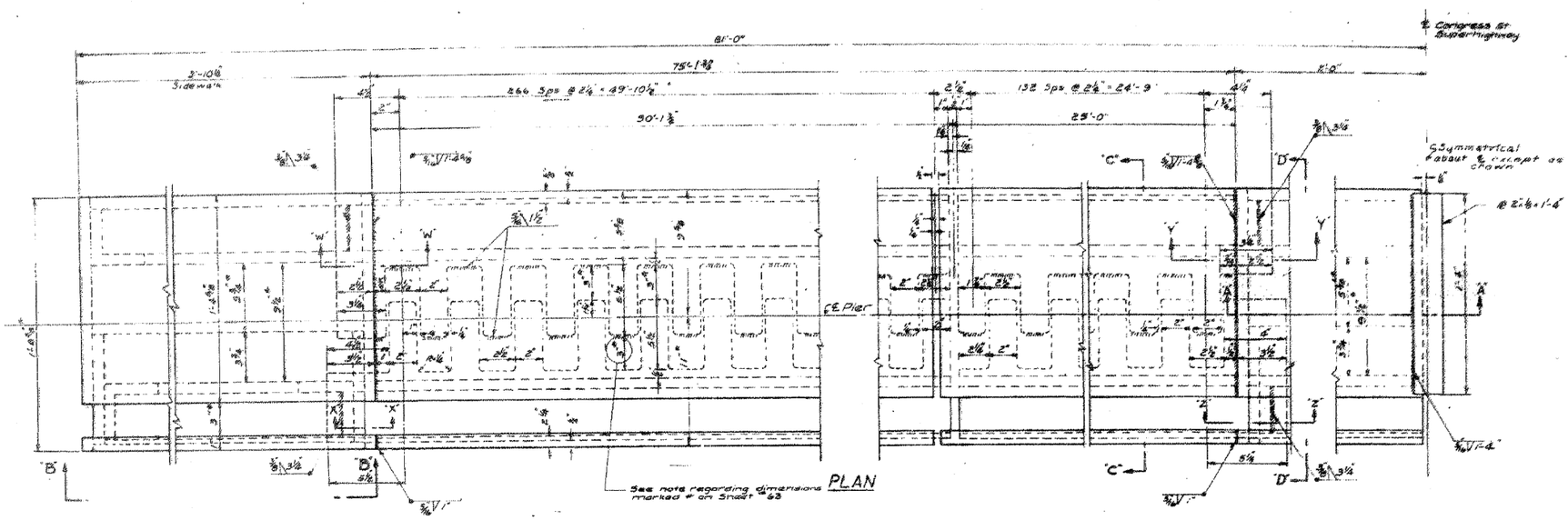
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90/94/290	2014-013R&B-R	COOK	1972	1519
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

HBM ENGINEERING GROUP, LLC

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

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing515
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FOR INFORMATION ONLY



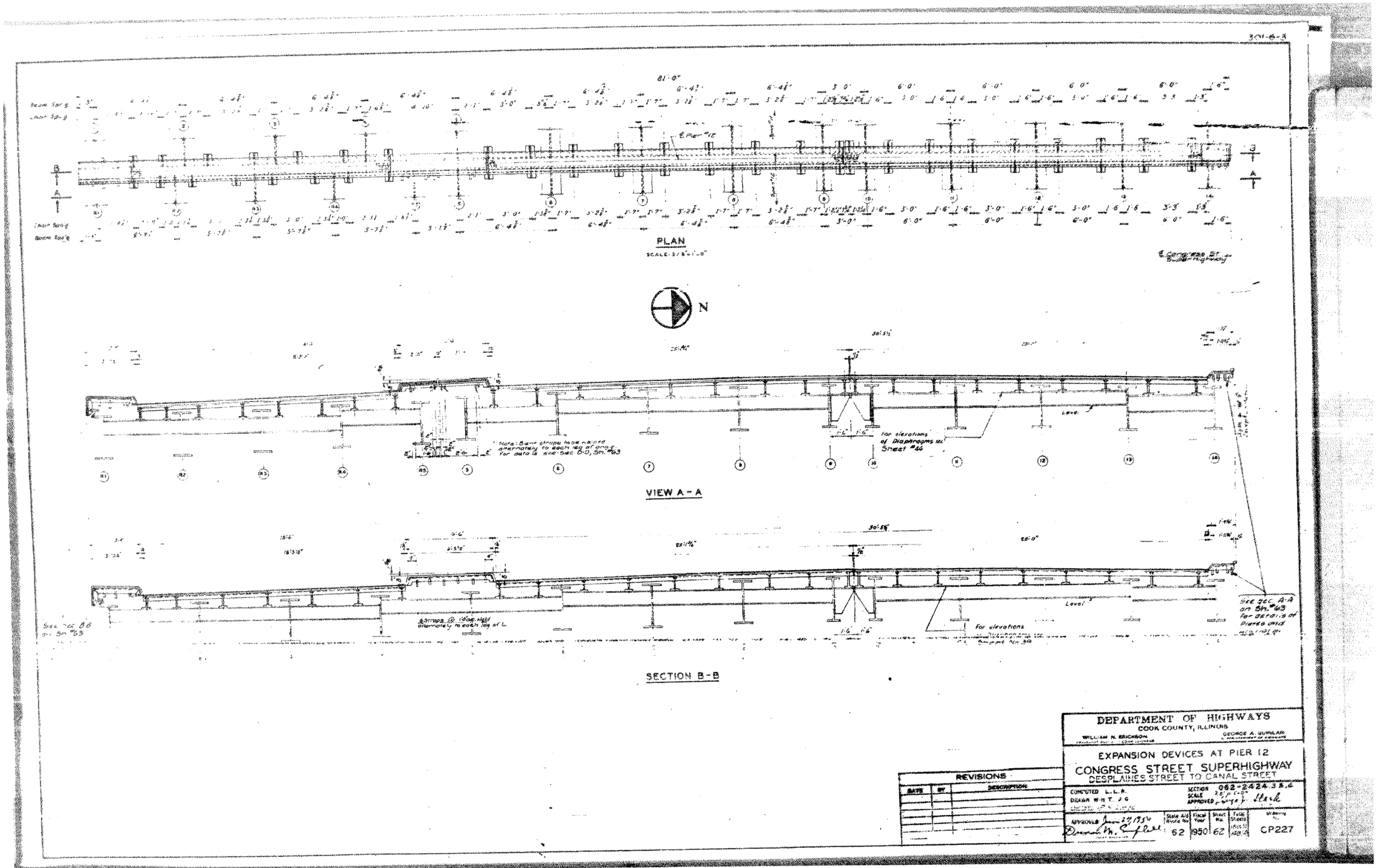
REVISIONS		
DATE	BY	DESCRIPTION
11-1-50	R.K.	Change Roadway Top Plate.

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1520
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.accomonline.local\AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing516
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FOR INFORMATION ONLY

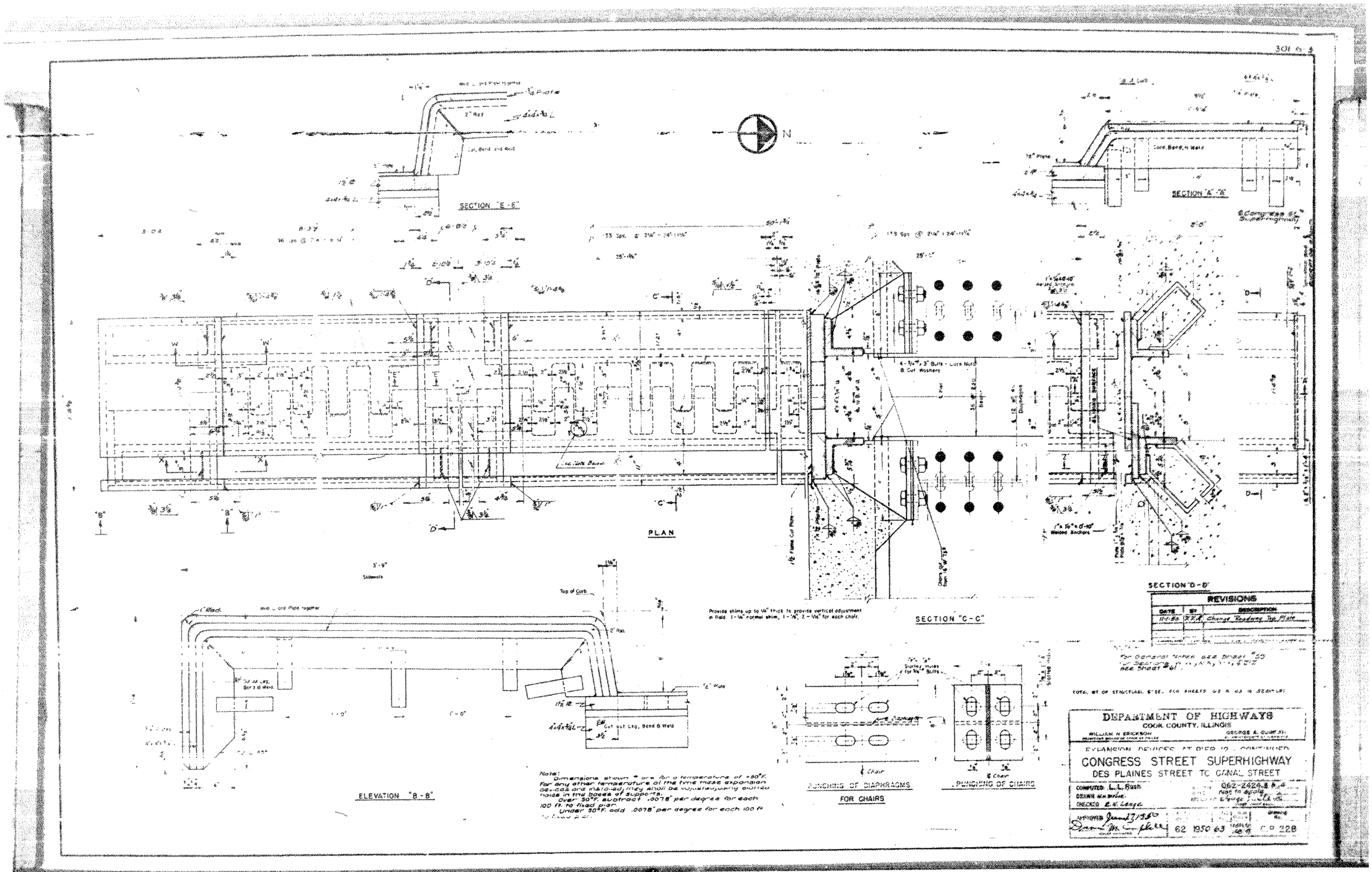


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1521
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\6117479-PWINT.aecomonline.local:AECOM_D502_NADocuments\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing517

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FOR INFORMATION ONLY

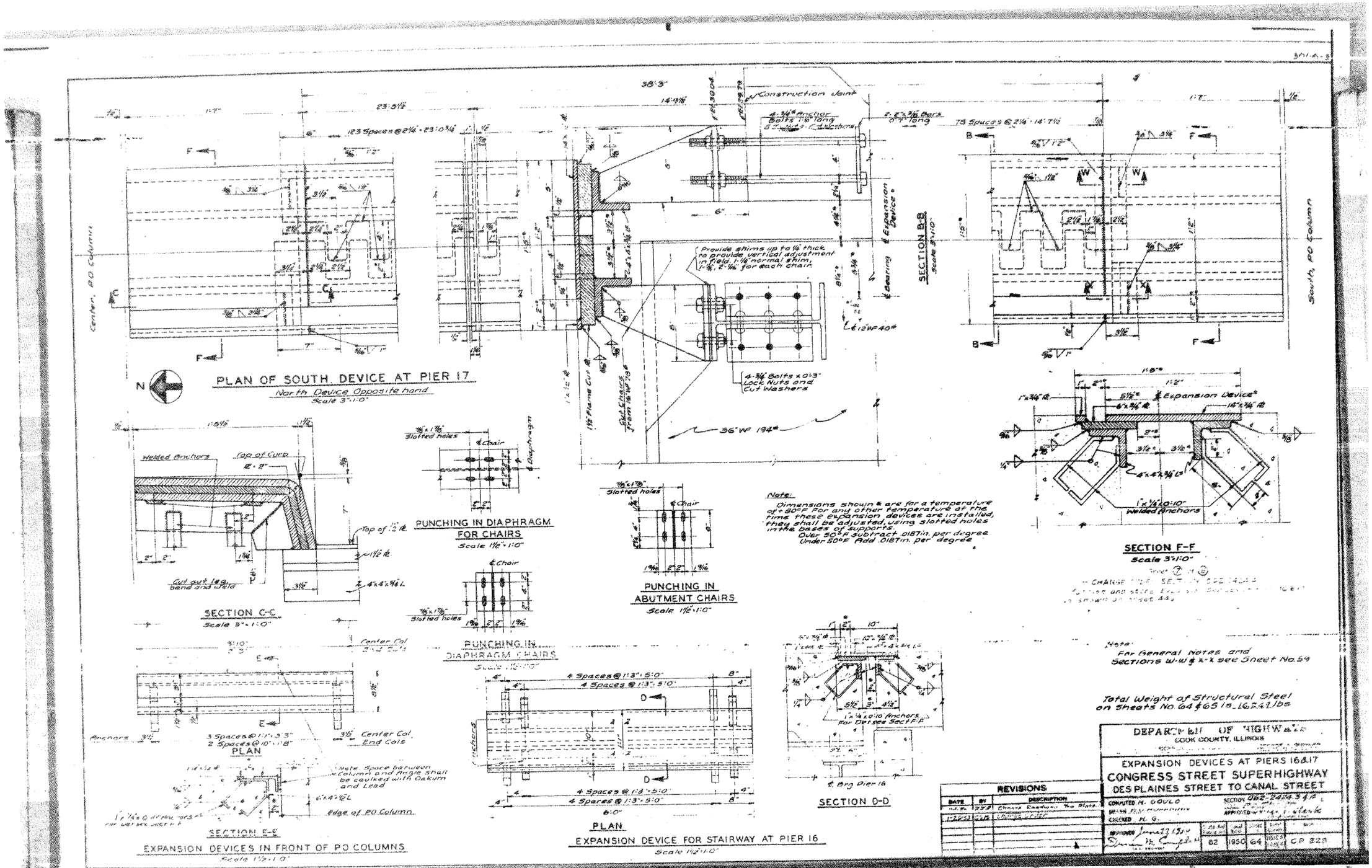


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1522
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION
7-27-18	SAB	Change Bearing Top Plate

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

EXPANSION DEVICES AT PIERS 16 & 17
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED M. GOULD — SECTION 062-2424.3 & R
DRAWN B.S.V. MURPHY — APPROVED Charles J. Klenk
CHECKED M. G.
APPROVED January 17, 1950 — Charles M. Campbell

STR. NO.	YEAR	SHEET
62	1950	64

CP 228

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

HBM ENGINEERING GROUP, LLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

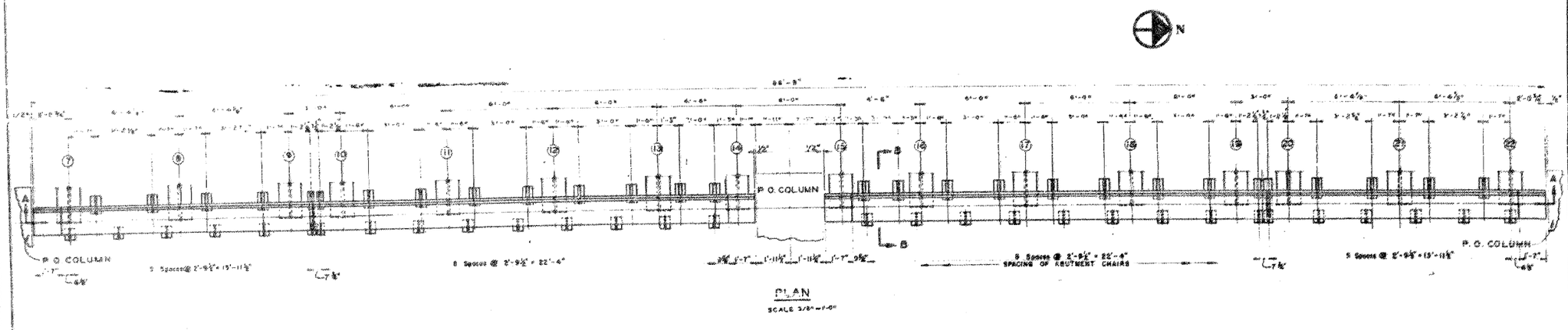
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1523
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_0502_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing519

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FOR INFORMATION ONLY

301-G-3



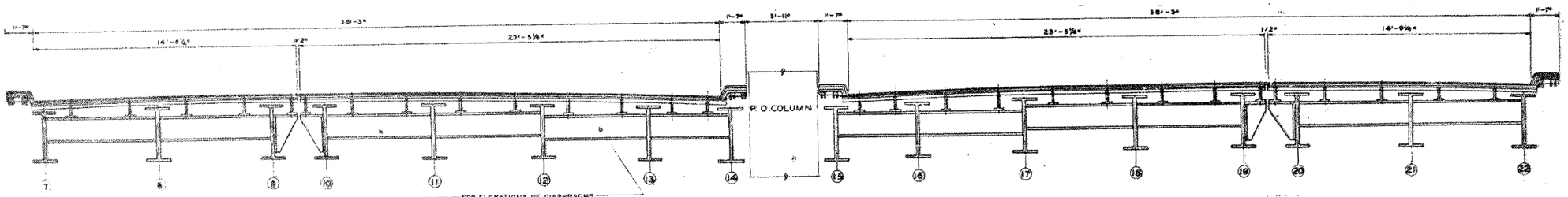
PLAN

SCALE 3/8" = 1'-0"

NOTE:-

SEE Sheet No. 64 FOR DETAILS OF EXPANSION DEVICE IN FRONT OF POST OFFICE COLUMNS

FOR SECTION B-B SEE Sheet No. 64
FOR GENERAL NOTES, SEE Sheet No. 59



SECTION "A-A"

SCALE 3/8" = 1'-0"

END POST OFFICE COLUMNS NOT SHOWN IN THIS VIEW

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

EXPANSION DEVICE AT PIER 17
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

REVISIONS		
DATE	BY	DESCRIPTION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1524
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

HBM ENGINEERING GROUP, LLC

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

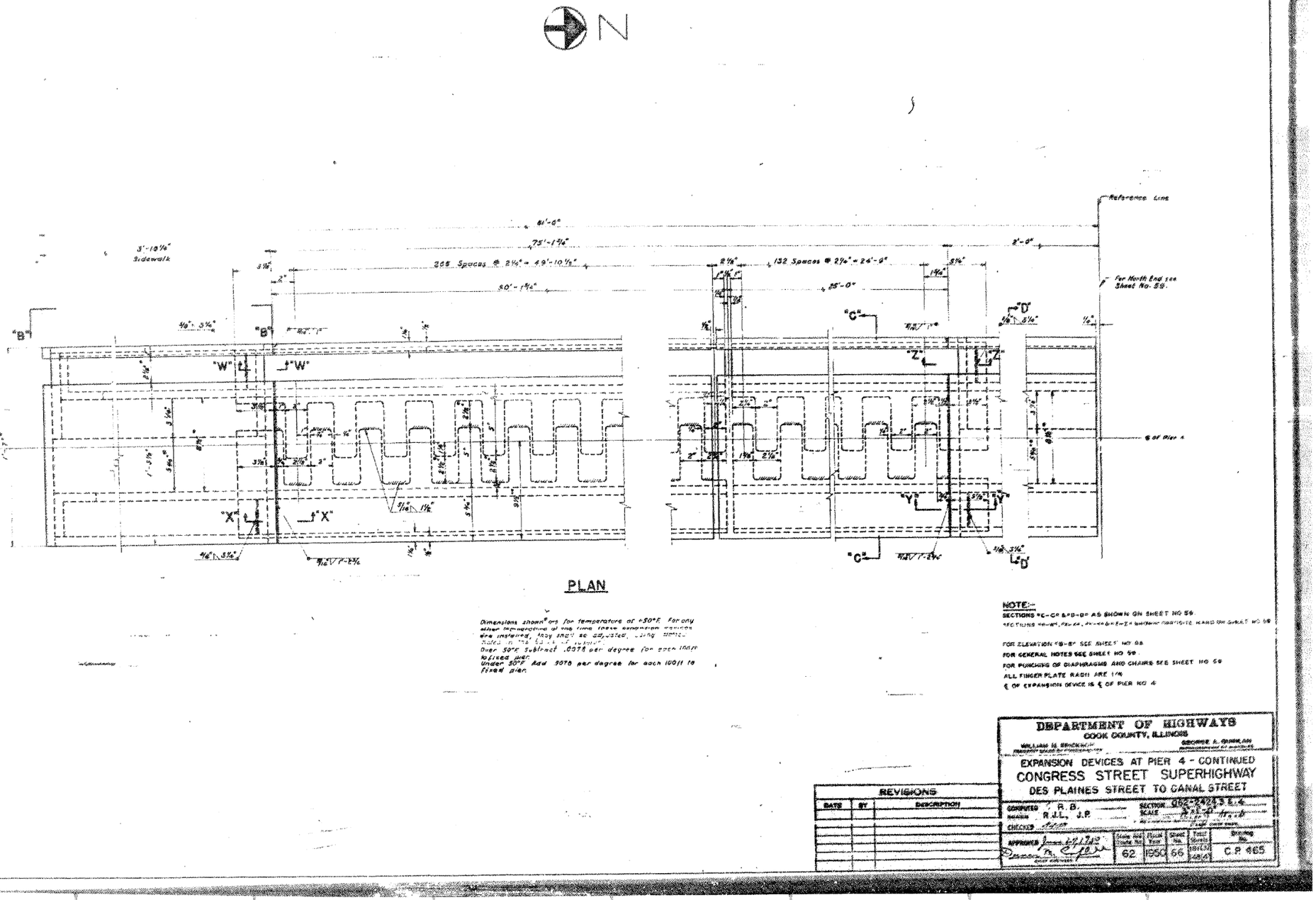
EXISTING RECORD DRAWINGS

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FOR INFORMATION ONLY

301-6-3



PLAN

Dimensions shown are for temperature of +50°F. For any other temperature at the time these expansion devices are installed, they shall be adjusted, using static loads in the form of jacks:
Over 50°F subtract .0078 per degree for each inch in fixed pier.
Under 50°F Add .0078 per degree for each 100ft in fixed pier.

NOTE:-
SECTIONS "C-C" & "D-D" AS SHOWN ON SHEET NO 59.
SECTIONS "A-A", "B-B", "E-E" & "F-F" SHOWN ON SHEET NO 58
FOR ELEVATION "G-G" SEE SHEET NO 58
FOR GENERAL NOTES SEE SHEET NO 59.
FOR PUNCHING OF DIAPHRAGMS AND CHAMFERS SEE SHEET NO 59
ALL FINGER PLATE RADII ARE 1/4
℄ OF EXPANSION DEVICE IS ℄ OF PIER NO 4

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM D. BERCKEMEYER — Transportation Bureau Chief
GEORGE A. QUINLAN — Director of Highways

EXPANSION DEVICES AT PIER 4 - CONTINUED
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R. A. B.
DRAWN R. J. L., J. P.
CHECKED M. Mai
SECTION 90C-2-4213 S.H.
SCALE 1"=10'-0" & 1"=1'-0"
APPROVED — Engineer of Bridges
Date 7/26/18
Structure No. 016-1718
Fiscal Year 62
Sheet No. 1950
Total Sheets 66
Drawing No. C.P. 465

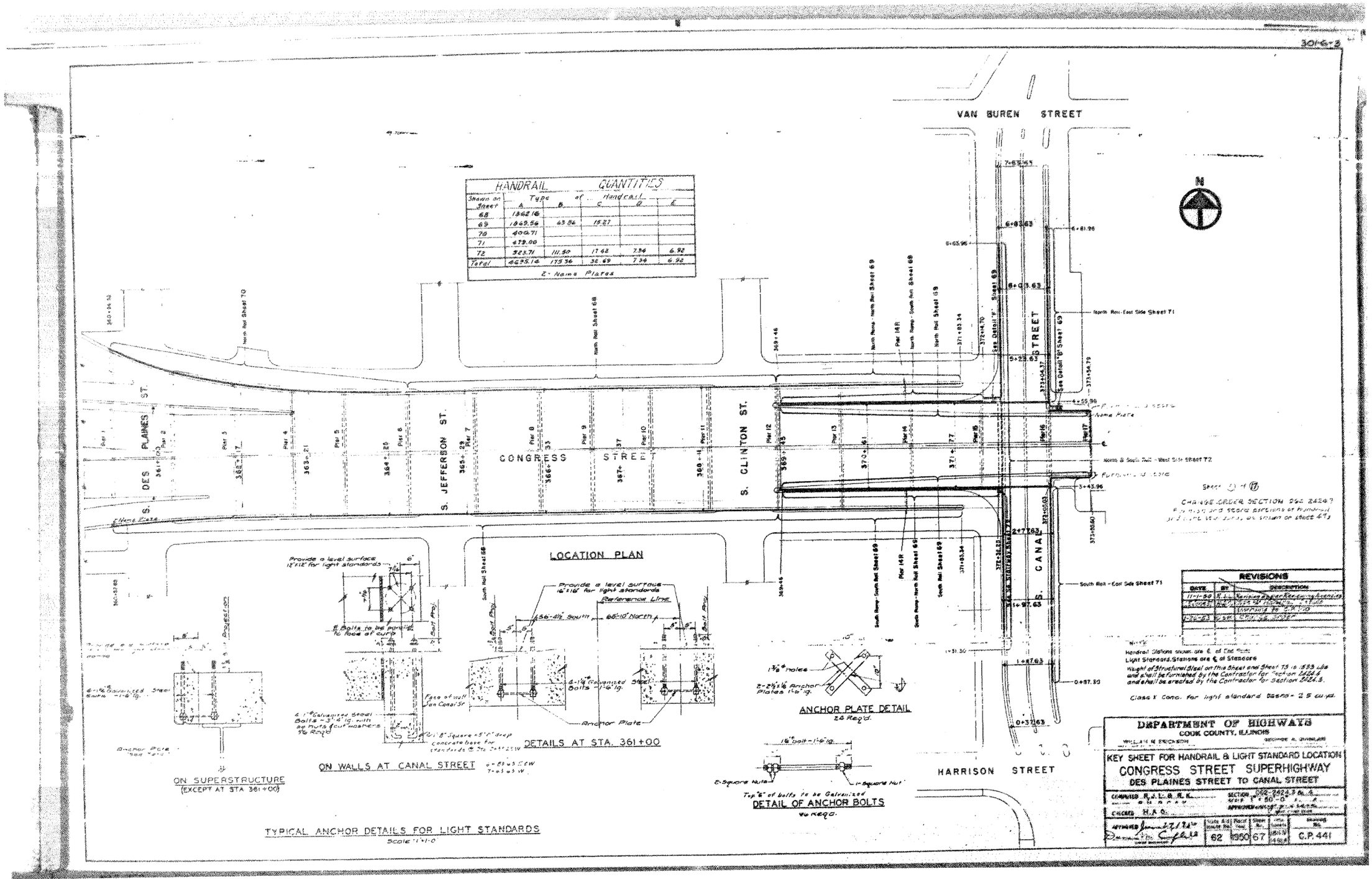
REVISIONS		
DATE	BY	DESCRIPTION

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		CHECKED -	REVISED -	
	PLOT SCALE = N.T.S	DRAWN -	REVISED -	EXISTING RECORD DRAWINGS
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1525
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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FOR INFORMATION ONLY



Sheets on Sheet	Type A	Type B	Handrail C	D	E
68	1362.16				
69	1869.56	43.84	19.27		
70	400.71				
71	479.00				
72	323.71	111.50	17.42	7.34	6.92
Total	4435.14	119.34	36.69	7.34	6.92

2- Name Plates

REVISIONS		
DATE	BY	DESCRIPTION
11-1-90	R.L.	Various Repairs Revising Handrail
6-10-91	R.L.	Addition of Sheet 72
1-22-93	R.L.	Change Handrail

Handrail Stations shown are ℄ of the Posts
Light Standard Stations are ℄ of Standards
Weight of Structural Steel on this Sheet and Sheet 73 is 1533 Lbs and shall be furnished by the Contractor for "Section 2424.4 and shall be erected by the Contractor for Section 2424.3.
Class X Conc. for light standard bases - 2.5 cu.yd.

CHANGE ORDER SECTION DGS 2424.7
Furnish and erect sections of handrail as shown on sheet 473

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

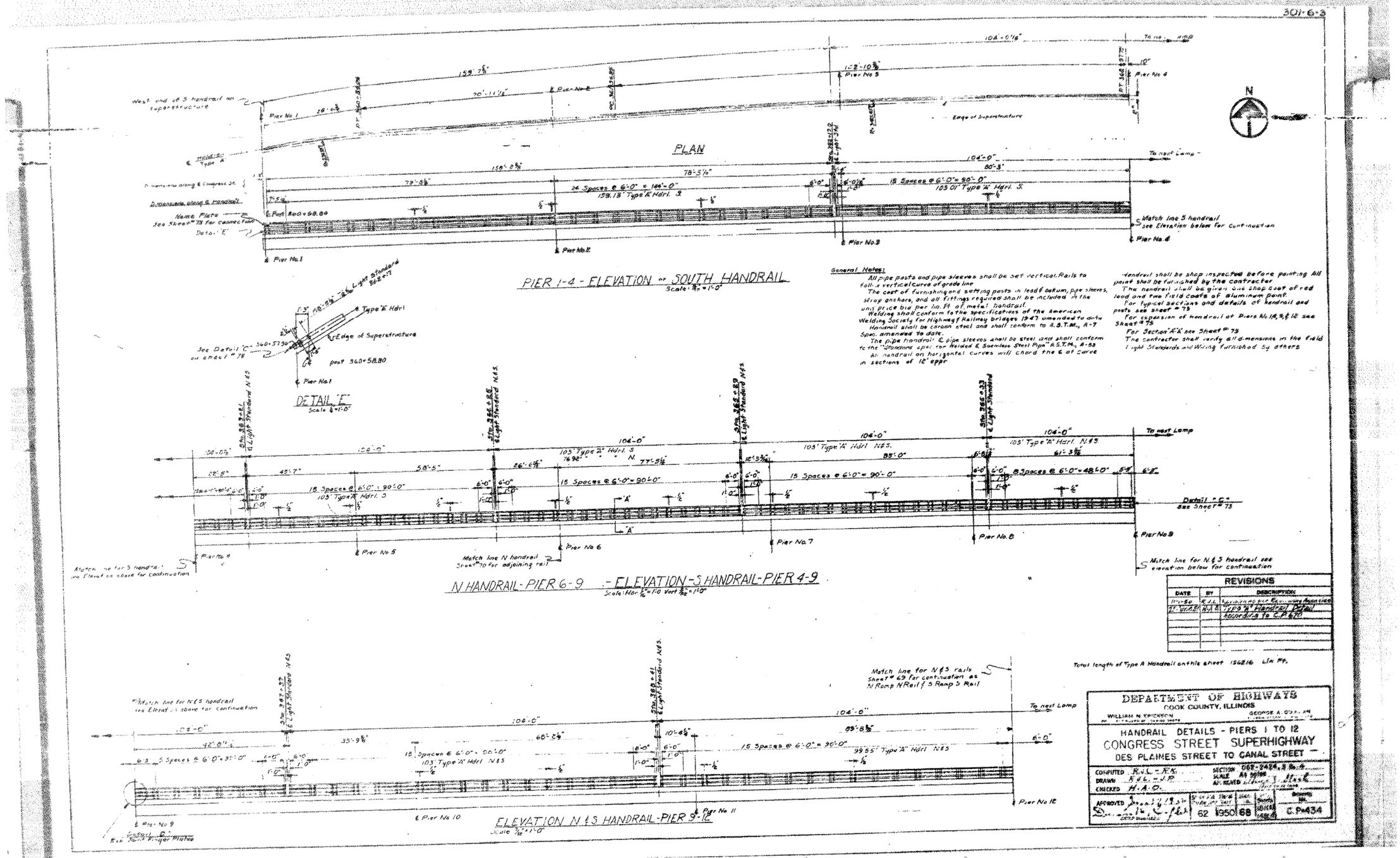
HBM ENGINEERING GROUP, LLC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1526
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircleTPhase_II\000_CAD\000_Structural\Structure_016-1718\Existing Plans\016046I-60X93-SXX-Existing522

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FOR INFORMATION ONLY



General Notes:

All pipe posts and pipe sleeves shall be set vertical. Rails to follow vertical curves of grade line

The cost of furnishing and setting posts in lead & asbestos, pipe sleeves, strap anchors, and all fittings required shall be included in the unit price bid per lin. Ft. of metal handrail.

Welding shall conform to the specifications of the American Welding Society for Highway & Railway bridges (1947) amended to date.

Handrail shall be carbon steel and shall conform to A.S.T.M., A-7 Spec. amended to date.

The pipe handrail & pipe sleeves shall be steel and shall conform to the "Standard specifications for Welded & Seamless Steel Pipe" A.S.T.M., A-53

All handrail on horizontal curves will chord the ℄ of curve in sections of 12' appx.

Handrail shall be shop inspected before painting All paint shall be furnished by the contractor

The handrail shall be given one shop coat of red lead and two field coats of aluminum paint.

For typical sections and details of handrail and posts see sheet # 7B

For expansion of handrail at Piers No 1&3, & 12 see Sheet # 7B

For Section "A-A" see Sheet # 7B

The contractor shall verify all dimensions in the field

Light Standards and Wiring furnished by others

REVISIONS

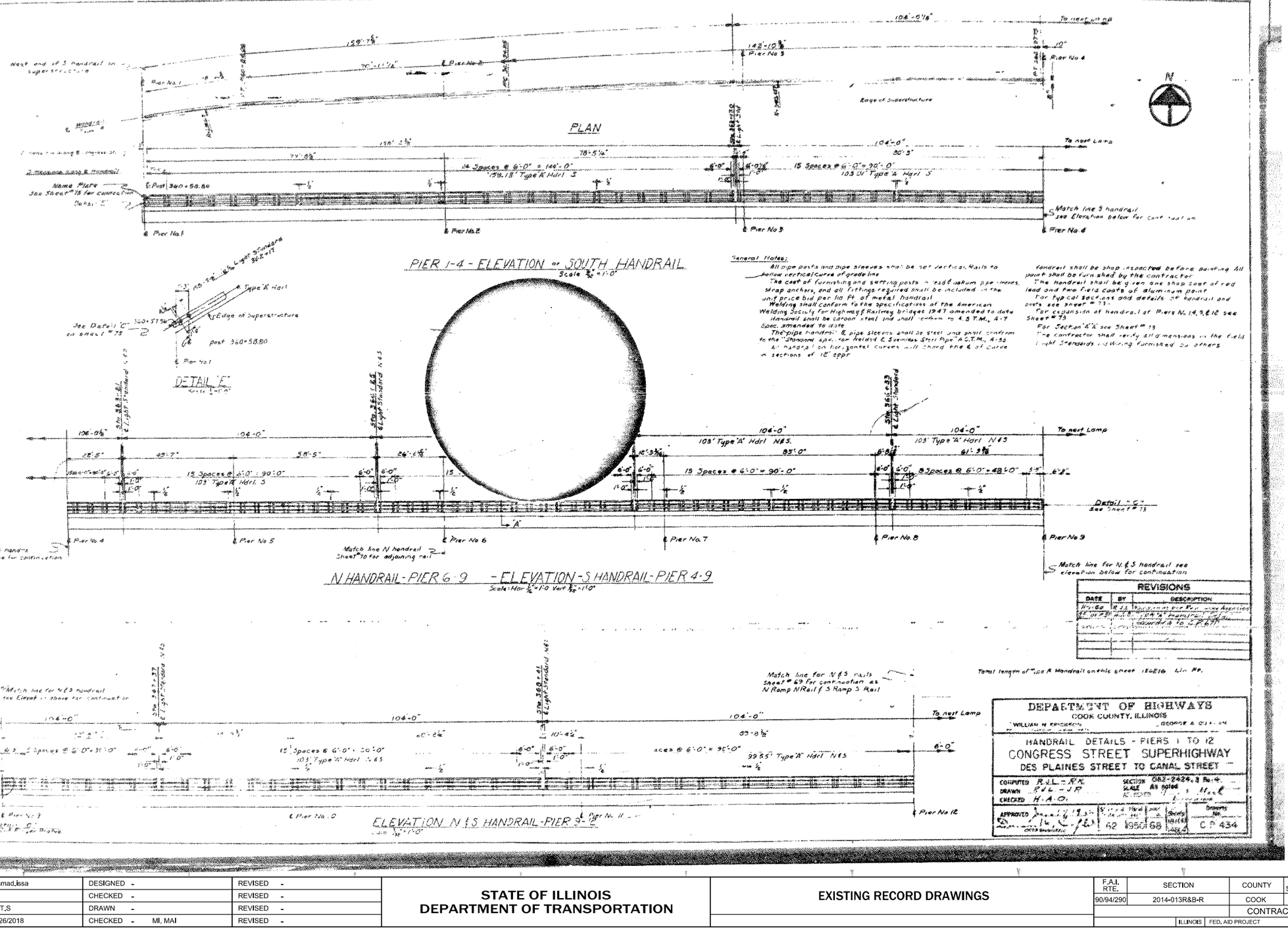
DATE	BY	DESCRIPTION
11-1-60	R.J.L.	Adjusting to Bridge Angles
12-11-62	R.A.D.	Type "K" Handrail Detail Revised to C.F.&I.

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

HANDRAIL DETAILS - PIERS 1 TO 12
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R.V.L. - R.K.
DRAWN R.V.L. - J.P.
CHECKED H.A.D.
SECTION 668-1424, S.B.-16
SCALE As noted
AS REVISED 1-1-63
APPROVED 1-1-19 62
SHEET NO. 1950
SHEETS 68
DRAWING NO. C.P.#434

FOR INFORMATION ONLY



General Notes:

All pipe posts and pipe sleeves shall be set vertical. Rails on hollow vertical curves of grade line

The cost of furnishing and setting posts, lead, sulphur, pipe sleeves, strap anchors, and all fittings required shall be included in the unit price bid per lin Ft. of metal handrail

Welding shall conform to the specifications of the American Welding Society for Highway & Railway bridges 1947 amended to date

Handrail shall be carbon steel and shall conform to A.S.T.M., A-7 Spec. amended to date

The pipe handrail & pipe sleeves shall be steel and shall conform to the "Standard spec. for Welded & Seamless Steel Pipe" A.S.T.M., A-53

A handrail on horizontal curves will chord the ℄ of curve in sections of 10' appr

Handrail shall be shop inspected before painting. All paint shall be furnished by the contractor

The handrail shall be given one shop coat of red lead and two field coats of aluminum paint

For typical sections and details of handrail and posts see Sheet # 73.

For expansion of handrail at Piers No. 1, 4, 9 & 12 see Sheet # 73

For Section 'K' see Sheet # 73

The contractor shall verify all dimensions in the field

Light Standards including furnished by others

REVISIONS		
DATE	BY	DESCRIPTION
11-60	R.J.L.	Changed Pier No. ... to Abutment ... Added "K" Handrail ... Corrected ... to C.P.R.R.

Total length of "103 A Handrail on this sheet 186216 Lin. Ft.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM H. ROSCHEN — GEORGE A. GIL...

HANDRAIL DETAILS - PIERS 1 TO 12
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

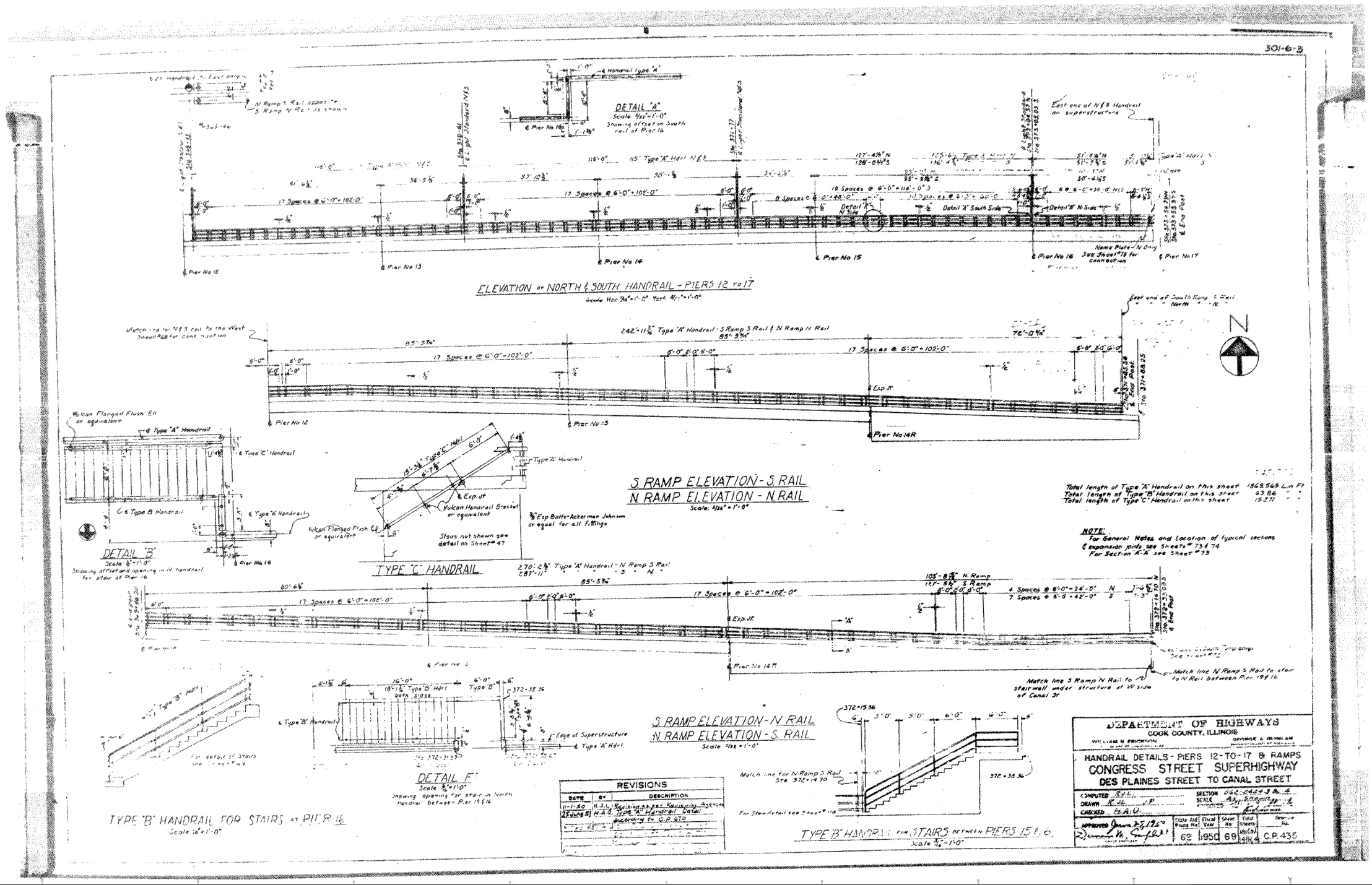
COMPUTED R.V.L. - R.K.
DRAWN R.V.L. - J.R.
CHECKED H.A.O.
SECTION C62-2624, 3 & 4
SCALE As noted
APPROVED
STATE HIGHWAY ENGINEER
62 | 1950 | 68
Drawing No. C.P. 434

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

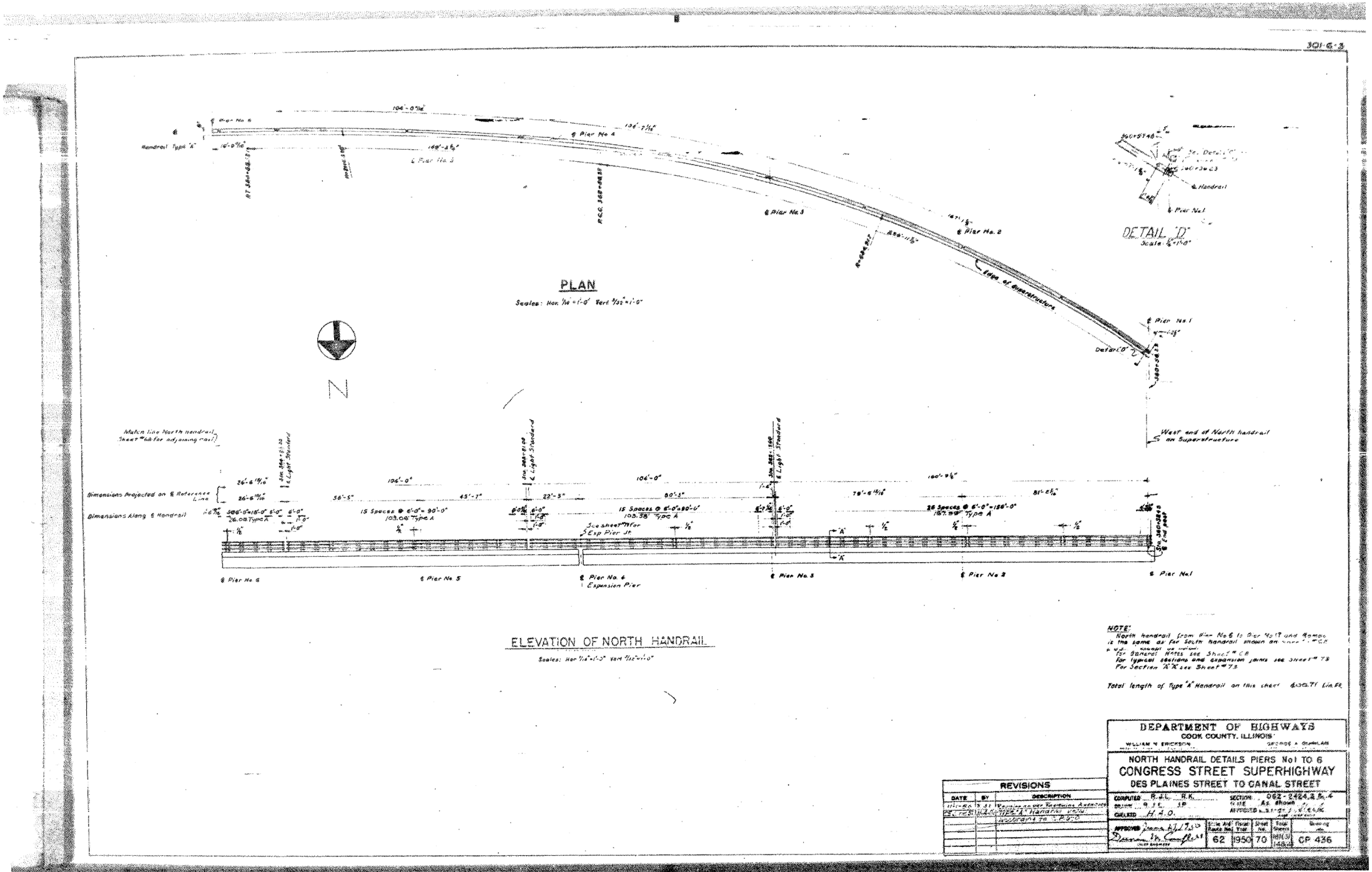
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1528
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.accomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing524
1:52:27 PM

FOR INFORMATION ONLY


DETAIL "A"
Scale 3/32"=1'-0"
Showing offset in South rail at Pier 16
ELEVATION of NORTH & SOUTH HANDRAIL - PIERS 12 TO 17
Scale Hor. 3/32"=1'-0" Vert. 1/2"=1'-0"
S RAMP ELEVATION - S RAIL
N RAMP ELEVATION - N RAIL
Scale: 1/32"=1'-0"
S RAMP ELEVATION - N RAIL
N RAMP ELEVATION - S RAIL
Scale 3/32"=1'-0"
DETAIL "B"
Scale 1/2"=1'-0"
Showing offset and opening in N handrail for stair at Pier 16
TYPE "C" HANDRAIL
DETAIL "F"
Scale 1/2"=1'-0"
Showing opening for stair in North handrail between Pier 15 & 16
TYPE "B" HANDRAIL FOR STAIRS AT PIER 16
Scale 1/2"=1'-0"
TYPE "B" HANDRAIL FOR STAIRS BETWEEN PIERS 15 & 16
Scale 1/2"=1'-0"
Total length of Type "A" Handrail on this sheet 1869.569 Lin Ft
Total length of Type "B" Handrail on this sheet 93.86 " "
Total length of Type "C" Handrail on this sheet 15.871 " "
NOTE:
For General Notes and Location of typical sections & expansion joints see Sheets # 73 & 74
For Section A-A see Sheet # 73
Match line S Ramp N Rail to stairwell under structure at W side of Canal St
Match line N Ramp S Rail to stair to N Rail between Pier 15 & 16
Match line for N Ramp S Rail Sta 372+18.70
Pier No 12
Pier No 13
Pier No 14
Pier No 15
Pier No 16
Pier No 17
Pier No 14R
Exp Jt
Type "A" Handrail
Type "B" Handrail
Type "C" Handrail
Yukon Handrail Bracket or equivalent
Vulcan Flanged Flush Ell or equivalent
Stairs not shown see detail on Sheet # 47
Watch ing for N & S rail to the West Sheet #28 for coordination
East end of South Ramp S. Rail
East end of North Ramp N. Rail
East end of N & S Handrail on superstructure
Name Plate - N Only See Sheet # 18 for connection
Sta 372+68.25 & End Post
Sta 372+15.36 & End Post
Sta 371+77 & Expansion Handrail N & S
Sta 371+39.61 & Expansion Handrail N & S
Sta 373+05.03 & End Post
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FOR INFORMATION ONLY



NOTE:
North handrail from Pier No. 6 to Pier No. 4 and Ramp is the same as for South handrail shown on Sheet No. 7 C.R. except as noted.
For General Notes see Sheet No. 7 C.R.
For typical sections and expansion joints see Sheet No. 7 B.
For Section "A" "A" see Sheet No. 7 B.

Total length of Type "A" Handrail on this sheet 636.71 Lin. Ft.

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

NORTH HANDRAIL DETAILS PIERS No. 1 TO 6
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R.E.L. R.K.
DRAWN G.T.C. J.P.
CHECKED H.A.O.
APPROVED James H. Lamb 12/1/70
Division Engr. Complex

SECTION 062-2424.3 Sta. 4
TO SEE As Shown
APPROVED [illegible]

Sheet No.	Total Sheets	Drawing No.
62	70	181(3) 148.4 CP 436

REVISIONS

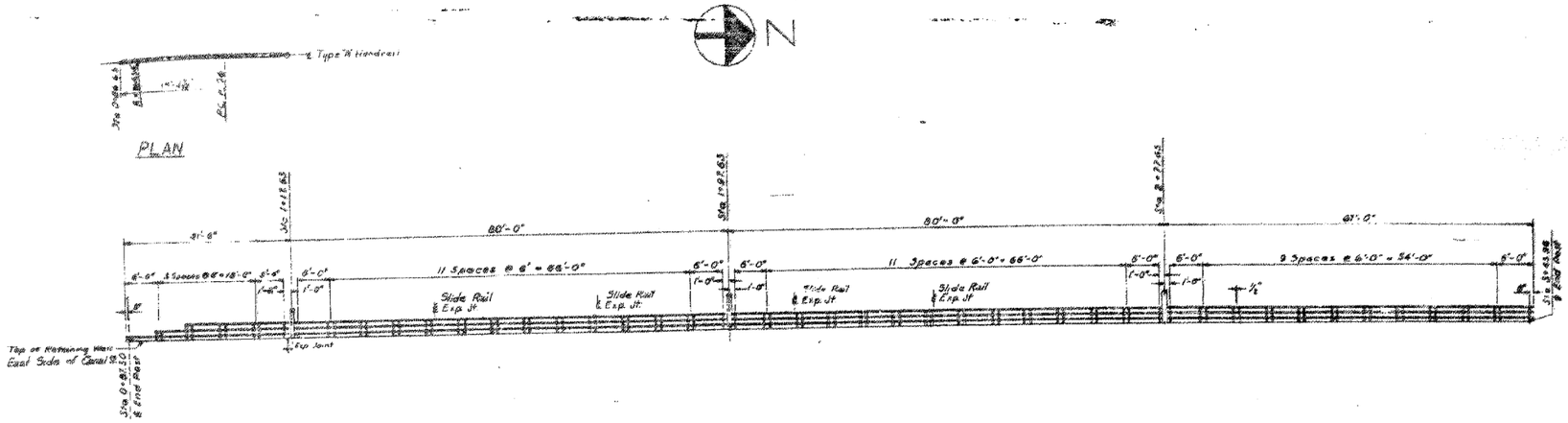
DATE	BY	DESCRIPTION
11/1-ER	9.11	Revised per Existing Agencies
12-28-71	R.K.	Type "A" Handrail from
		according to P.C.C.

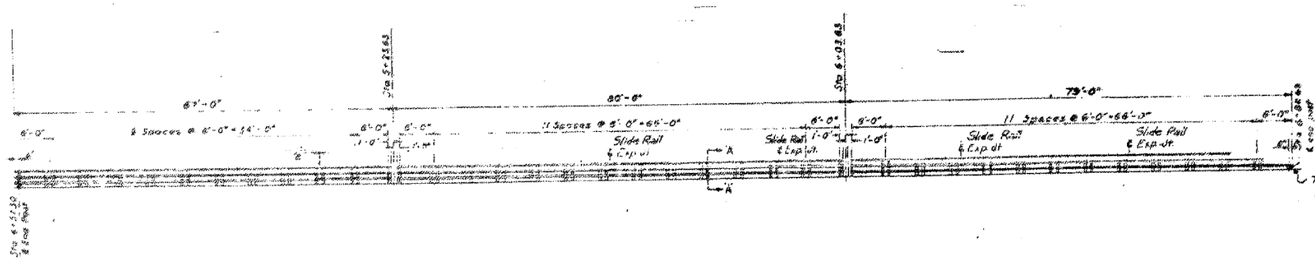
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	CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1530
PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

HBM ENGINEERING GROUP, LLC

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FOR INFORMATION ONLY





NOTE:
For General Notes see Sheet #65
For typical sections and expansion joints see Sheet #73
For Section 'A-A' see Sheet #79
*For Detail of Retaining Walls on East Side Canal See Sh. #131, 132, 133

Total length of Type "A" Handrail on this sheet 479.4 Lin. Ft.

REVISIONS		
DATE	BY	DESCRIPTION
7/26/18	M&L	Type "A" Handrail details Appendix 9 to C.P. 0170

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

HANDRAIL DETAIL EAST SIDE CANAL ST.
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED R.T.L. SECTION 2014-013R&B-R
CHK. R.J.L. J.P. SCALE As Shown
DRAWN T.L.S. PROJECT
DESIGN STATE PROJECT NO.

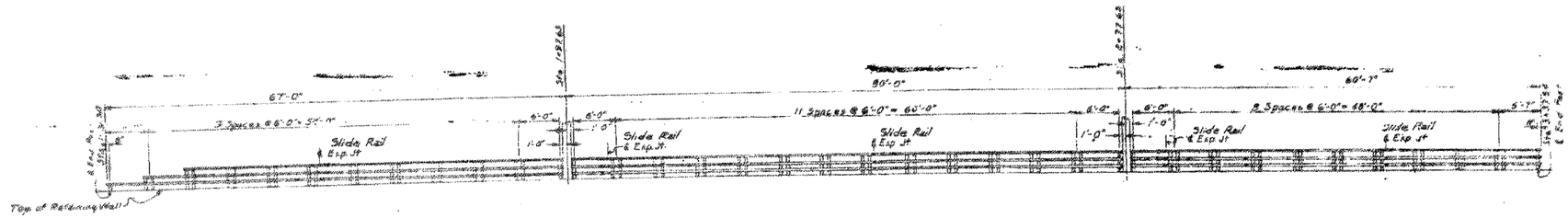
Date Issued	Fiscal Year	Sheet No.	Total Sheets	Sht. No.
62	1950 71	439(A)	439(A)	GP 439

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

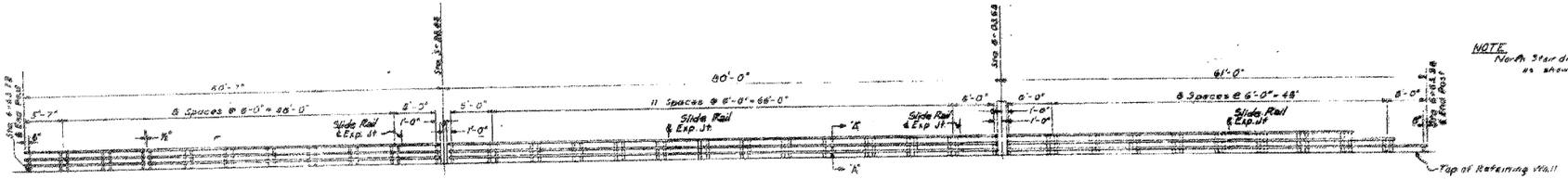
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1531
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

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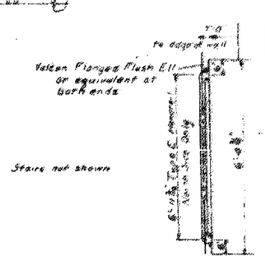
FOR INFORMATION ONLY



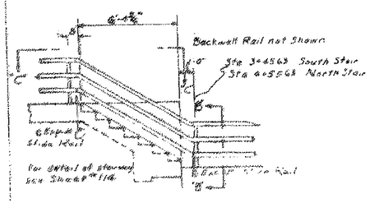
ELEVATION-SOUTH HANDRAIL-WEST SIDE
Scale: ⅛"=1'-0"



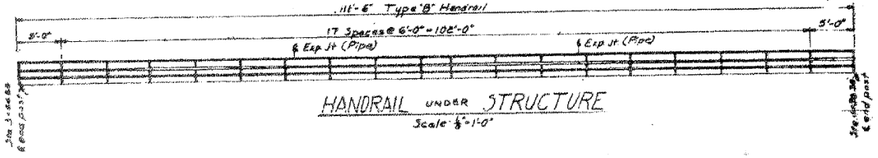
ELEVATION - NORTH HANDRAIL - WEST SIDE
Scale: ⅛"=1'-0"



NOTE
North Stair differs from South as shown above

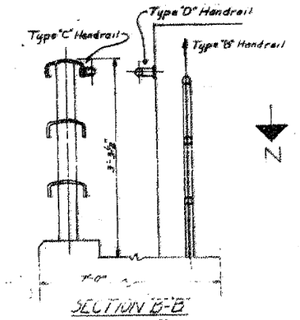


SPLIT w. T.D.WAY
North stairway opposite non
Scale ⅛"=1'-0"

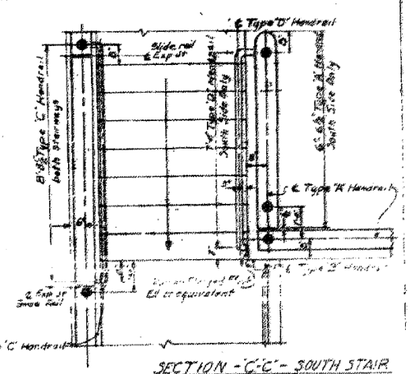


HANDRAIL UNDER STRUCTURE
Scale: ⅛"=1'-0"

HANDRAIL UNDER STRUCTURE
Scale: ⅛"=1'-0"



SECTION B-B
Scale: 1"=1'-0"



SECTION - C-C - SOUTH STAIR
Scale ¼"=1'-0"

NOTE
For General Notes see Sheet No 6B
For typical sections and expansion joints see Sheets No 7B & 7C
For Section A-A see Sheet No 7B
For details of Retaining Walls on West Side see Sheets No 10B, 13B, & 14B

REVISIONS		
DATE	BY	DESCRIPTION
15-June-5	H.A.O	Type "A" Handrail Details according to C.B 670

Total Length of Type "A" Handrail on this sheet	523.708 Lin Ft
Total Length of Type "B" Handrail on this sheet	111.50 " "
Total Length of Type "C" Handrail on this sheet	17.42 " "
Total Length of Type "D" Handrail on this sheet	7.96 " "
Total Length of Type "E" Handrail on this sheet	6.92 " "

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

HANDRAIL DETAIL WEST SIDE CANAL ST.
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

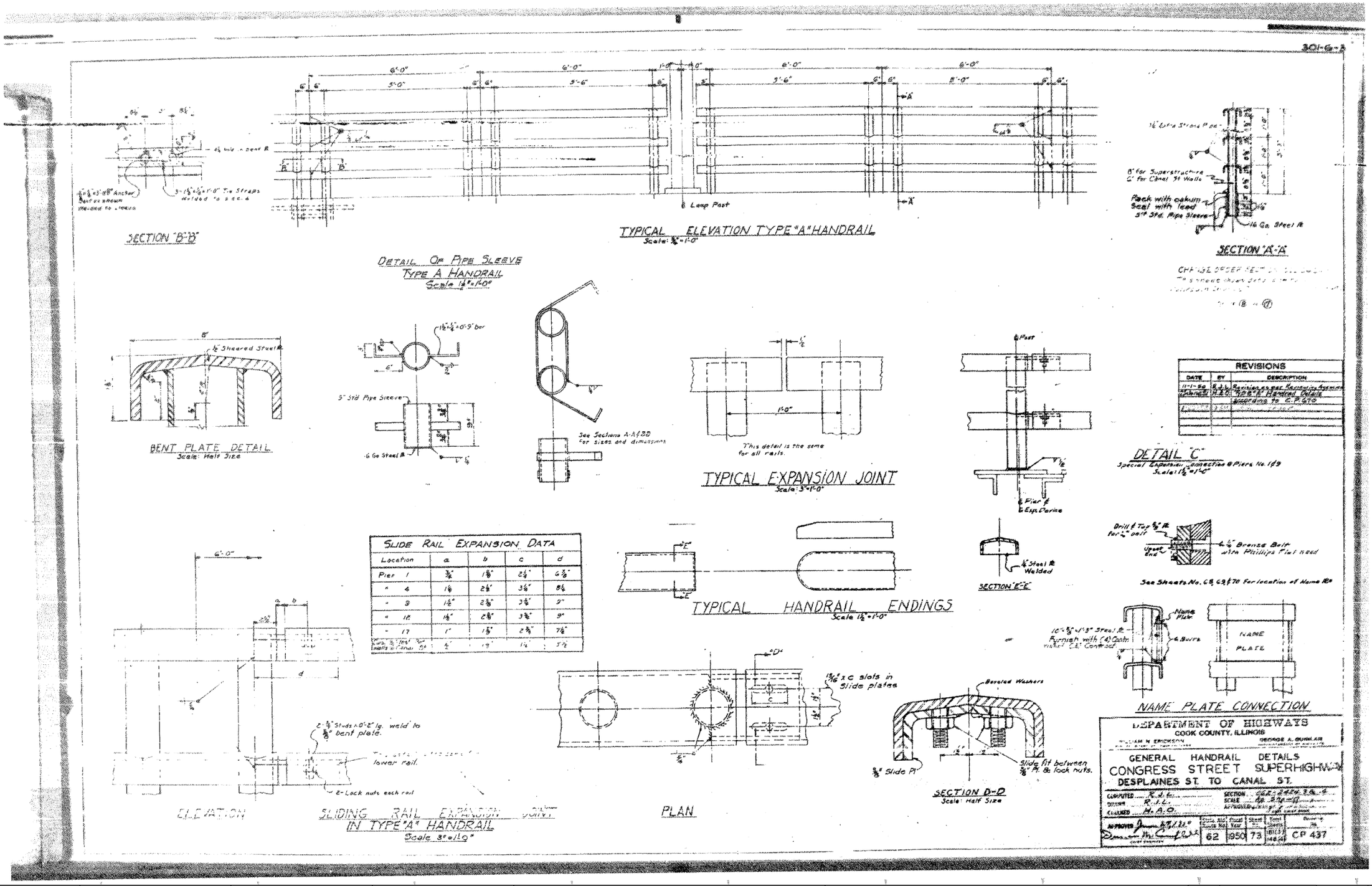
COMPUTED	R.V.L	SECTION	62-4444-A Sheet
DRAWN	R.V.L	SCALE	As Noted
CHECKED	H.A.O.		Chief Const. Engr.
APPROVED	[illegible]		Director

Route No.	Year	Sheet No.	Total Sheets	Drawing No.
62	1950	72	1851 1481	CP 440

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1532
	PLOT SCALE = N.T.S	DRAWN -	REVISED -							CONTRACT NO. 60X93
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing528
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FOR INFORMATION ONLY



Location	a	b	c	d
Pier 1	⅜"	1⅜"	2⅛"	6⅞"
" 4	1⅜	2⅜"	3⅛"	8⅛
" 9	1⅝"	2⅝"	3⅝"	9"
" 12	1⅝"	2⅝"	3⅝"	9"
" 17	1"	1⅝"	2⅝"	7⅛"

REVISIONS		
DATE	BY	DESCRIPTION
11-1-56	R.J.L.	Revision as per Railroad Agreement
12-26-57	M.A.O.	Added "K-K" Handrail Details according to C.P. 437

APPROVED	Sheets No.	Sheet No.	Total Sheets	Contract No.			
	62	950	73	181(3) 148(4)	CP 437		

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

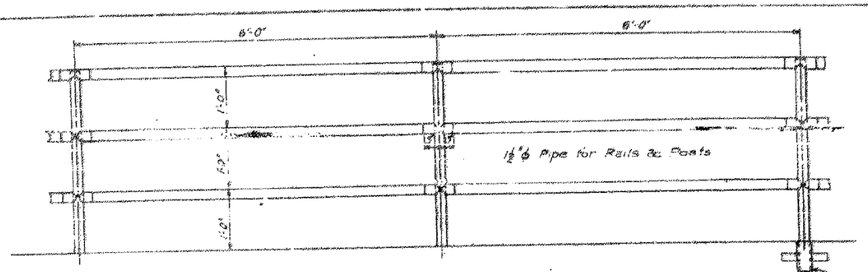
HBM ENGINEERING GROUP, LLC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1533
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

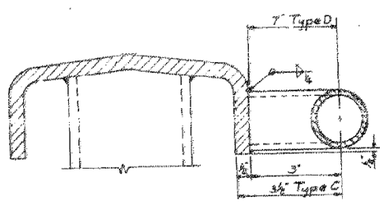
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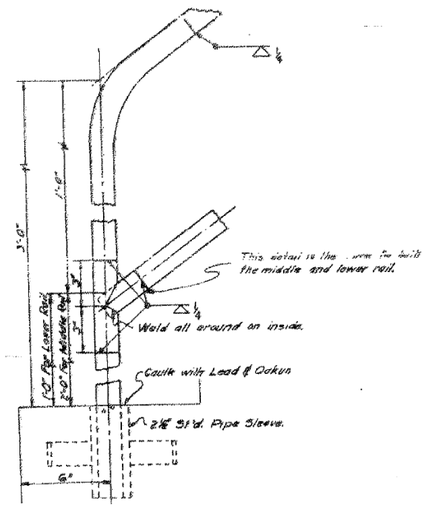
FOR INFORMATION ONLY



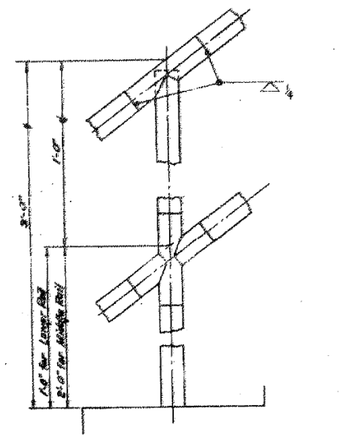
TYPICAL TYPE "B" HANDRAIL
Scale 1"=1'-0"



CONNECTION OF PIPE TO BENT PLATE
Scale: Half Size
FOR TYPE C & D HANDRAIL



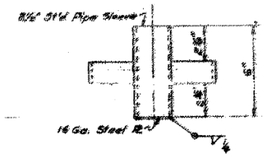
DETAIL OF BOTTOM POST
Reverse for Top Rail
Scale 3"=1'-0"



TYPICAL POST DETAIL AT STAIR
Scale 3"=1'-0"

TYPE "B" STAIR RAIL DETAIL FOR STAIR AT PIER #16 & STAIR BTW. PIER #15 & 16.

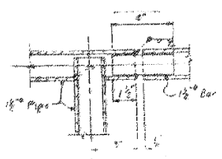




PIPE SLEEVE DETAIL
TYPE "B" RAIL
Scale 3"=1'-0"

CHANGE ORDER 002-242413
THIS SHEET SHOWS DETAILS OF 2 OF 10 TWO DIFFERENT PIPE SLEEVES UNDER ITEM 0407.

Sheet (8) of (17)



PIPE EXPANSION JOINT
Scale 3"=1'-0"

REVISIONS		
DATE	BY	DESCRIPTION
11-1-90	R.J.L.	Revised as per Reviewing Agency
12-13-90	R.J.L.	Item #3 Handrail detail according to Change

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

GENERAL HANDRAIL DETAILS
CONGRESS STREET SUPERHIGHWAY
DESPLAINES ST. TO CANAL ST.

COMPUTED R.J.L. — SECTION 0162-2442.3 Mn. A
DRAWN R.M. R.J.L. — SCALE 1/2" = 1'-0"
CHECKED R.J.L.

APPROVED [signature] 12/17/90
CHIEF ENGINEER

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Contract No.
62	95	74	0162-2442.3 Mn. A	CP 438

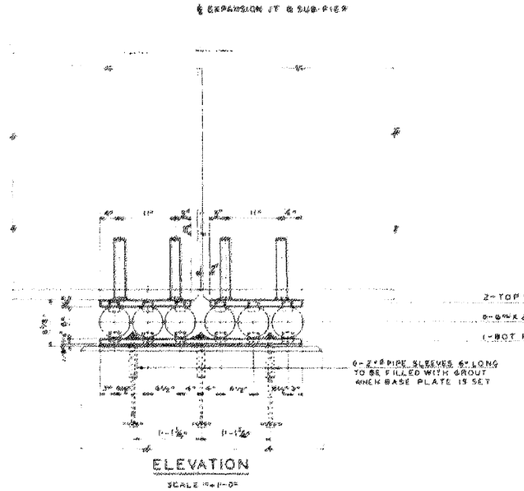
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1534
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

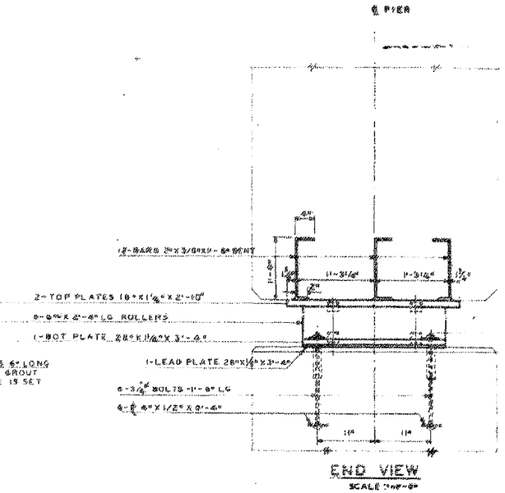
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FOR INFORMATION ONLY



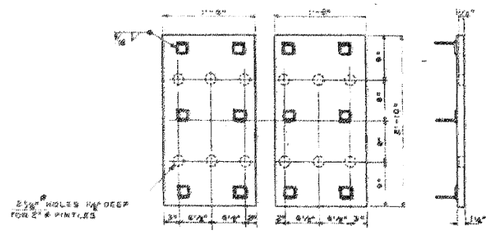
ELEVATION

SCALE ½"=1'-0"



END VIEW

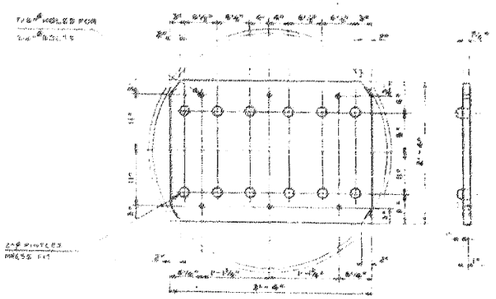
SCALE ½"=1'-0"



DETAIL OF TOP PLATES

SCALE ½"=1'-0"

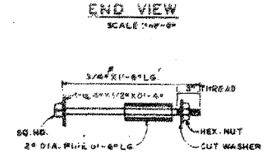
14 PAIRS REQ'D.- WT. 6878 LBS.
(INCL. REINF BARS & WELDS)



DETAIL OF BOTTOM PLATE

SCALE 1"=1'-0"

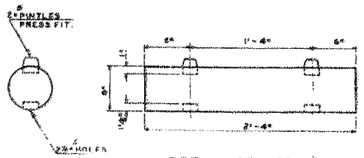
14 REQ'D.- WT. 5455 LBS.
(INCL. LEAD PLATE)



DETAIL OF ANCHOR BOLTS

SCALE ½"=1'-0"

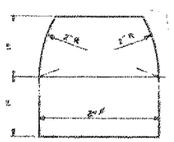
¾" BOLTS	84 REQ'D	- WT.	214 LBS.
⅛" PLATES	84 REQ'D	- WT.	194 LBS.
CUT WASHERS	84 REQ'D	- WT.	5 LBS.
2½" PIPE SLEEVES	84 REQ'D	- WT.	153 LBS.



DETAIL OF ROLLER

SCALE 1½"=1'-0"

84 REQ'D -WT. 18,839 LBS.



DETAIL OF PINTLE

SCALE: FULL SIZE

336 REQ'D - WT 498 LBS

NOTES:-

ESTIMATED WEIGHTS OF ROLLERS, STEEL PLATES, LEAD PLATES, ANCHOR BOLTS AND SOLE PLATES ARE INCLUDED IN THE WEIGHT OF STRUCTURAL STEEL.

TOTAL WEIGHT, STRUCTURAL STEEL ON THIS SHEET 35,338 LBS. ALL SHALL BE FURNISHED BY THE CONTRACTOR FOR SECTION 2424.4, AND SHALL BE ERECTED BY CONTRACTOR FOR SECTION 2424.4

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM H. ERICKSON — GEORGE A. QUERCIAN

EXPANSION BEARING
FOR PIERS 1 THROUGH 14
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED E.C. — SECTION 062-2424.3&.4
DRAWN E.C. & M.W. 10 — WHERE AS NOTED
CHECKED S.S.Y. E.L.K. — APPROVED GEORGE A. QUERCIAN

APPROVED Duncan M. Engell, CHIEF ENGINEER

State Hwy Route No.	Fiscal Year	Sheet No.	Total Sheets (INCL'G COVER SHEET)	Drawing No.
62	1960	75		CP304

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CircleIPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing531

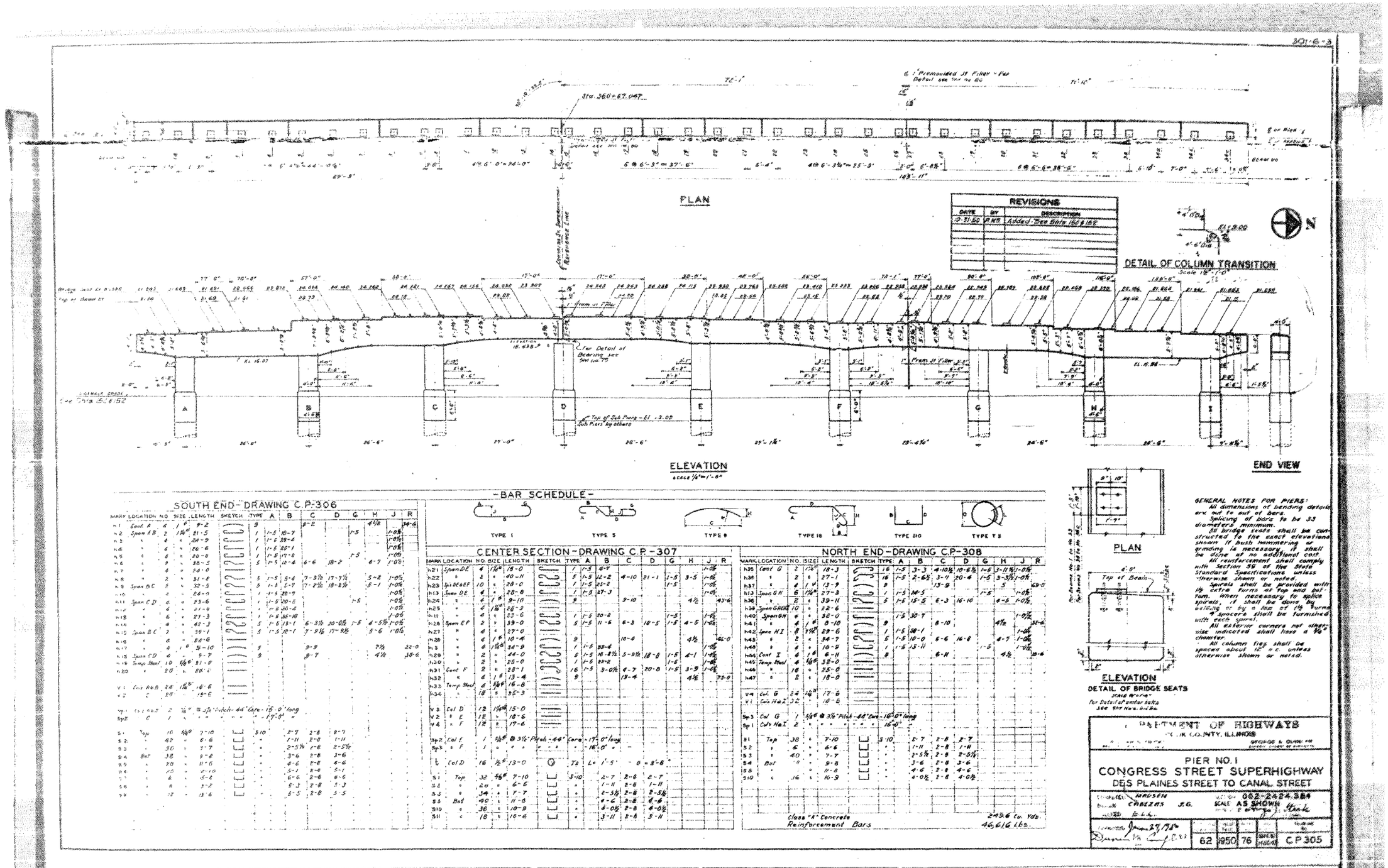
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1535
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY



SOUTH END - DRAWING C.P-306

MARK	LOCATION	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	H	J	R
N1	Cont. A	6	1" ø	9-2		9			8-2			4½		34-6
N2	Span A B	2	1⅛" ø	81-5		1	1-5	10-7			1-5			1-0½
N3	"	4	"	24-9		1	1-5	39-4						1-0½
N4	"	6	"	26-6		1	1-5	25-1						1-0½
N5	"	6	"	20-6		1	1-5	17-2			1-5			1-0½
N6	"	9	"	38-5		5	1-5	12-4	6-6	18-2		6-7		1-0½
N7	"	3	"	54-0										
N8	"	2	"	31-8		5	1-5	5-4	7-3½	17-7½		5-2		1-0½
N9	Span B C	5	"	32-5		5	1-5	5-7	7-2½	18-8½		5-1		1-0½
N10	"	2	"	26-0		1	1-5	20-7			1-5			1-0½
N11	Span C D	6	"	23-6		1	1-5	20-5						1-0½
N12	"	6	"	21-9		1	1-5	20-4						1-0½
N13	"	6	"	27-3		1	1-5	26-10						1-0½
N14	"	6	"	46-3		5	1-5	13-1	6-3½	20-0½	1-5	6-5		1-0½
N15	Span D E	3	"	39-1		5	1-5	10-1	7-9½	17-9½		5-6		1-0½
N16	"	6	"	80-6										
N17	"	4	1" ø	9-10		9			9-3			7½		22-0
N18	Span E F	6	"	9-7		9			8-7			4½		35-6
N19	Temp. Steel	10	⅝" ø	81-0										
N20	"	20	"	80-2										
V1	Cols. A & B	24	1⅛" ø	16-6										
V2	C	20	"	16-6										

Sp1 Cols. A & B 2 ¾" ø Spirals @ 3½" Pitch - 44" Core - 15'-0" long
Sp2 C 1 " " " " " " 17'-0" "

S1	Top	16	⅝" ø	7-10		S10	2-7	2-8	8-7
S2	"	42	"	6-6		"	1-11	2-8	1-11
S3	"	56	"	7-7		"	2-5⅞	2-8	2-5⅞
S4	Bot	38	"	9-8		"	3-6	2-8	3-6
S5	"	20	"	11-6		"	4-6	2-8	4-6
S6	"	10	"	11-10		"	5-1	2-8	5-1
S7	"	6	"	5-6		"	6-6	2-8	6-6
S8	"	8	"	5-2		"	6-3	2-8	5-3
S9	"	12	"	13-6		"	5-5	2-8	5-5

BAR SCHEDULE

TYPE 1 TYPE 5 TYPE 9 TYPE 10 TYPE 20 TYPE 73

CENTER SECTION - DRAWING C.P-307

MARK	LOCATION	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	H	J	R
N21	Span D E	4	1⅛" ø	18-0		1	1-5	16-9						1-0½
N22	"	2	"	40-11		5	1-5	12-2	4-10	21-1	1-5	3-5		1-0½
N23	Sp D E & E F	10	"	28-0		1	1-5	25-8			1-5			1-0½
N13	Span D E	4	"	28-8		1	1-5	27-3						1-0½
N24	"	6	1" ø	9-10		9			9-10			4½		43-6
N25	"	6	1⅛" ø	28-3										
N11	"	6	"	23-6		1	1-5	20-8						1-0½
N26	Span E F	2	"	39-0		5	1-5	11-6	6-3	18-5	1-5	4-5	1-0½	
N27	"	4	"	27-0										
N28	"	6	1" ø	10-6		9			10-4			4½		46-0
N3	"	6	1⅛" ø	34-9		1	1-5	33-6						1-0½
N29	"	2	"	44-0		5	1-5	16-8½	5-2½	18-8	1-5	4-1	1-0½	
N30	"	2	"	25-0		1	1-5	22-2			1-5			1-0½
N31	Cont. F	2	"	38-1		16	1-5	3-0½	6-7	20-8	1-5	3-5	1-0½	
N32	"	4	1" ø	13-6		9			13-4			4½		73-0
N33	Temp. Steel	18	⅝" ø	16-6										
N34	"	18	"	25-3										
V3	Col D	12	1⅛" ø	15-0										
V2	" E	18	"	16-6										
V4	" F	12	"	17-6										

Sp2 Col. F 1 ⅝" ø @ 3½" Pitch - 44" Core - 17'-0" long
Sp3 " F 1 " " " " " " 16'-0" "

L	Col D	16	¾" ø	13-0		T2	L= 1'-5		θ = 8'-8"
S1	Top	32	⅝" ø	7-10		S10	2-7	2-8	2-7
S2	"	20	"	6-6		"	1-11	2-8	1-11
S3	"	34	"	7-7		"	2-5½	2-8	2-5½
S5	Bot	90	"	11-8		"	4-6	2-8	4-6
S10	"	36	"	10-8		"	4-0½	2-8	4-0½
S11	"	18	"	10-6		"	3-11	2-8	3-11

NORTH END - DRAWING C.P-308

MARK	LOCATION	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	H	J	R
N35	Cont. G	2	1⅛" ø	18-3		16	1-5	3-3	4-10½	10-6½	1-5	3-11½		1-0½
N36	"	2	"	27-1		16	1-5	2-6½	3-1	20-4	1-5	3-3½		1-0½
N37	"	6	1" ø	13-9		9			13-9			5		49-0
N13	Span G H	6	1⅛" ø	27-3		1	1-5	14-5			1-5			1-0½
N38	"	2	"	39-11		5	1-5	15-5	6-3	16-10		6-5		1-0½
N39	Span G H & H I	10	"	22-6										
N40	Span G H	6	"	32-0										
N41	"	6	1" ø	9-10		9			8-10			4½		35-6
N42	Span H I	8	1⅛" ø	29-6		1	1-5	28-1						1-0½
N43	"	2	"	34-7		5	1-5	10-0	6-6	16-8		6-7		1-0½
N44	"	6	"	10-5		1	1-5	15-11			1-5			1-0½
N45	Temp. Steel	4	⅝" ø	52-0										
N46	"	16	"	25-0										
N47	"	2	"	18-0										
V5	Col. G	24	1⅛" ø	17-6										
V4	Cols. H & I	32	"	16-6										

Sp3 Col. G 1 ⅝" ø @ 3½" Pitch - 44" Core - 16'-0" long
Sp1 Cols. H & I 2 " " " " " " 16'-0" "

S1	Top	30	⅝" ø	7-10		S10	2-7	2-8	2-7
S2	"	6	"	6-6		"	1-11	2-8	1-11
S3	"	40	"	7-7		"	2-5½	2-8	2-5½
S4	Bot	9	"	9-8		"	3-6	2-8	3-6
S5	"	2	"	11-8		"	4-6	2-8	4-6
S10	"	36	"	10-9		"	4-0½	2-8	4-0½

GENERAL NOTES FOR PIERS:
All dimensions of bending details are out to out of bars.
Splicing of bars to be 33 diameters minimum.
All bridge seats shall be constructed to the exact elevations shown. If such incorrect or grinding is necessary it shall be done at no additional cost.
All reinforcement shall comply with Section 59 of the State Standard Specifications unless otherwise shown or noted.
Spirals shall be provided with the extra turns at top and bottom. When necessary to splice spirals, it shall be done by welding or by a lap of 1½ turns. 4 spacers shall be furnished with each spiral.
All exterior corners not otherwise indicated shall have a ¾" chamfer.
All column ties shall be spaced about 12" o.c. unless otherwise shown or noted.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
GEORGE S. DUNN, PE
Highway Engineer

PIER NO. 1
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

DESIGNED - MADSEN		062-2424.3B4	
DRAWN - CABEZAS	J.G.	SCALE AS SHOWN	
CHECKED - E.L.K.			
Submitted June 27, 1972			

62	950	76			C.P 305

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing532
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HBM ENGINEERING GROUP, LLC

USER NAME = ahmad.issa	DESIGNED -	REVISED -			
	CHECKED -	REVISED -			
PLOT SCALE = N.T.S	DRAWN -	REVISED -			
PLOT DATE = 7/26/2018	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	1536
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

PLAN

DETAIL OF COLUMN TRANSITION

REVISIONS

DATE	BY	DESCRIPTION
10-31-60		ADDED

SOUTH END - DRAWING C P-306

MARK	LOCATION	NO	SIZE	LENGTH	SHAPE	TYPE	A	B	C	D	G	H	J	R
M1	Cont. A	4	1"	9'-2		9			9'-2			4½	36-6	
M2	Span AB	2	1⅛"	21'-5		1	1'-5	18'-7			1'-5		1'-0½	
M3	"	6	"	24'-9		1	1'-5	23'-6					1'-0½	
M4	"	4	"	26'-6		1	1'-5	25'-1					1'-0½	
M5	"	6	"	28'-0		1	1'-5	27'-2			1'-5		1'-0½	
M6	"	7	"	30'-5		5	1'-5	2'-6	6'-6	18'-2	6'-7		1'-0½	
M7	"	8	"	32'-8										
M8	"	7	"	31'-8		5	1'-5	5'-8	7'-3⅞	17'-7⅛	5'-8		1'-0½	
M9	Span BC	8	"	32'-5		5	1'-5	5'-7	7'-2⅛	18'-2⅛	5'-8		1'-0½	
M10	"	4	"	24'-11			1'-5	22'-9					1'-0½	
M11	Span CD	6	"	23'-6		1	1'-5	20'-8			1'-5		1'-0½	
M12	"	6	"	21'-9		1	1'-5	19'-4					1'-0½	
M13	"	6	"	17'-3		1	1'-5	15'-10					1'-0½	
M14	"	4	"	12'-		2	1'-5	9'-1	4'-3½	14'-0½	1'-5	1'-5½	1'-0½	
M15	"	4	"	9'-7		3			3'-7			4½	38'-6	
M16	Span DE	4	1⅛"	18'-0		1	1'-5	16'-7			1'-5		1'-0½	
M17	Temp Steel	10	⅝"	11'-3										
M18	"	20	"	25'-0										
V1	Col. A & B	12	⅝"	6'-5										
V2	"	12	"	20'-0										
Sp1	Col. A & B	2	½" @ 3½" Pitch - 44" Cone - 15'-0" long											
Sp2	"	1	"	"	"	"	"	"	"	"	"	"	17'-0"	
S1	Top	32	⅝"	7'-10		S-10			2'-7	2'-8	2'-7			
S2	"	28	"	6'-6		"			1'-11	2'-8	1'-11			
S3	"	34	"	7'-7		"			2'-5½	2'-8	2'-5½			
S4	Bot	18	"	9'-8		"			4'-6	2'-8	4'-6			
S5	"	10	"	11'-11		"			2'-1	2'-8	2'-1			
S10	"	36	"	10'-9		"			4'-0½	2'-8	4'-0½			
S11	"	18	"	10'-6		"			3'-11	2'-8	3'-11			

BAR SCHEDULE

TYPE 1 | TYPE 1B | TYPE S10 | TYPE F3

CENTER SECTION - D

MARK	LOCATION	NO	SIZE	LENGTH	SHAPE	TYPE	A	B	C	D	G	H	J	R
M21	Span DE	4	1⅛"	18'-0		1	1'-5							
M22	"	6	"	40'-11		5	1'-5	1'-5						
M23	Span EF	10	"	38'-0		1	1'-5	35'-1						
M24	"	4	"	28'-8		1	1'-5	27'-3						
M25	"	4	1⅛"	28'-8		9			9'-6					
M26	"	6	"	23'-6		1	1'-5	20'-8			1'-5		1'-0½	
M27	Span FF	4	"	39'-5										
M28	"	2	"	13'-3		2		10'-0			4½	4½	1'-0½	
M29	"	2	"	44'-0		5	1'-5	18'-8½	5'-9½	18'-8	1'-5	4'-1	1'-0½	
M30	"	2	"	25'-0		1	1'-5	22'-2			1'-5		1'-0½	
M31	Cont. F	2	"	28'-1		16	1'-5	3'-0½	4'-7	20'-8	1'-5	3'-9	1'-0½	
M32	"	4	1⅛"	13'-4		9			13'-4			6½	13'-0	
M33	Temp Steel	4	⅝"	16'-8										
M34	"	16	"	25'-3										
V3	Col. D	12	1⅛"	15'-0										
V2	"	12	"	18'-6										
V4	"	12	"	17'-6										
Sp2	"	1	"	"	"	"	"	"	"	"	"	"	16'-0"	
t	Col D	16	½"	13'-0		T3	L = 1'-5" - 8 @ 3'-8"							
S1	Top	32	⅝"	7'-10		S-10			2'-7	2'-8	2'-7			
S2	"	28	"	6'-6		"			1'-11	2'-8	1'-11			
S3	"	34	"	7'-7		"			2'-5½	2'-8	2'-5½			
S10	"	36	"	10'-9		"			4'-0½	2'-8	4'-0½			
S11	"	18	"	10'-6		"			3'-11	2'-8	3'-11			

NORTH END - DRAWING C P-308

MARK	LOCATION	NO	SIZE	LENGTH	SHAPE	TYPE	A	B	C	D	G	H	J	R
M41	"	2	1⅛"	18'-3		16	1'-5	3'-3	4'-10⅞	10'-6½	1'-5	3'-11½	1'-0½	
M42	"	2	"	27'-1		16	1'-5	2'-6½	3'-11	10'-4	1'-5	3'-3½	1'-0½	
M43	"	6	1⅛"	13'-9		9			13'-9			5	59'-0	
M44	Span GH	6	⅞"	27'-3		1	1'-5	26'-3			1'-5		1'-0½	
M45	"	2	"	39'-11		5	1'-5	15'-5	6'-3	16'-10	4'-5		1'-0½	
M46	Span GH	10	"	22'-6										
M47	Span GH	6	"	32'-0			1'-5	30'-7					1'-0½	
M48	"	6	1⅛"	8'-10		9			8'-10			4½	32'-6	
M49	Span HI	8	⅞"	29'-6		1	1'-5	28'-1						
M50	"	2	"	56'-0		1	1'-5	51'-0						
M51	"	2	"	13'-0										
M52	Cont. I	6	1⅛"	6'-11		9			6'-11			4½	18'-6	
M53	Temp Steel	4	⅝"	32'-0										
M54	"	16	"	25'-0										
M55	"	2	"	18'-0										
V4	Col. G	24	½"	17'-6										
V1	Cols. H & I	32	"	18'-6										
Sp3	Col. G	1	⅝" @ 3½" Pitch - 44" Cone - 16'-0" long											
Sp1	Cols. H & I	2	"	"	"	"	"	"	"	"	"	"	15'-0"	
S2	"	6	"	6'-6		"			1'-11	2'-8	1'-11			
S3	"	40	"	7'-7		"			2'-5½	2'-8	2'-5½			
S4	Bot	18	"	9'-8		"			3'-6	2'-8	3'-6			
S5	"	10	"	11'-11		"			4'-6	2'-8	4'-6			
S10	"	36	"	10'-9		"			4'-0½	2'-8	4'-0½			

Class "A" Concrete
Reinforcement Bars

245.6 Cu Yds
46,616 Lbs

END VIEW

PLAN

ELEVATION

DETAIL OF BRIDGE SEATS

For Detail of anchor bolts see Sheet No. 4 of 8 Sh.

GENERAL NOTES FOR PIERS:
All dimensions of bending details are out to out of bars.
Splicing of bars to be 33 diameters minimum.
All bridge seats shall be constructed to the exact elevations shown if bush hammering or grinding is necessary it shall be done at no additional cost.
All reinforcement shall comply with section 508 of the State standard Specifications unless otherwise shown or noted.
Spirals shall be provided with 1½ extra turns at top and bottom, when necessary to splice spirals, it shall be done by welding or by a lap of 1½ turns. 4 spacers shall be furnished with each spiral.
Spirals shall be held in place by tying to vertical reinforcement bars at 4 equally spaced points and shall be spaced about 12" o.c. unless otherwise shown or noted.

DEPARTMENT OF HIGHWAYS

PIER NO. 1
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

DESIGNED K.M.BREMS | CHECKED K.G. | SCALE AS SHOWN

DATE JANUARY 17, 1961

62 | 1950 | 76 | SHEET NO. C P 305

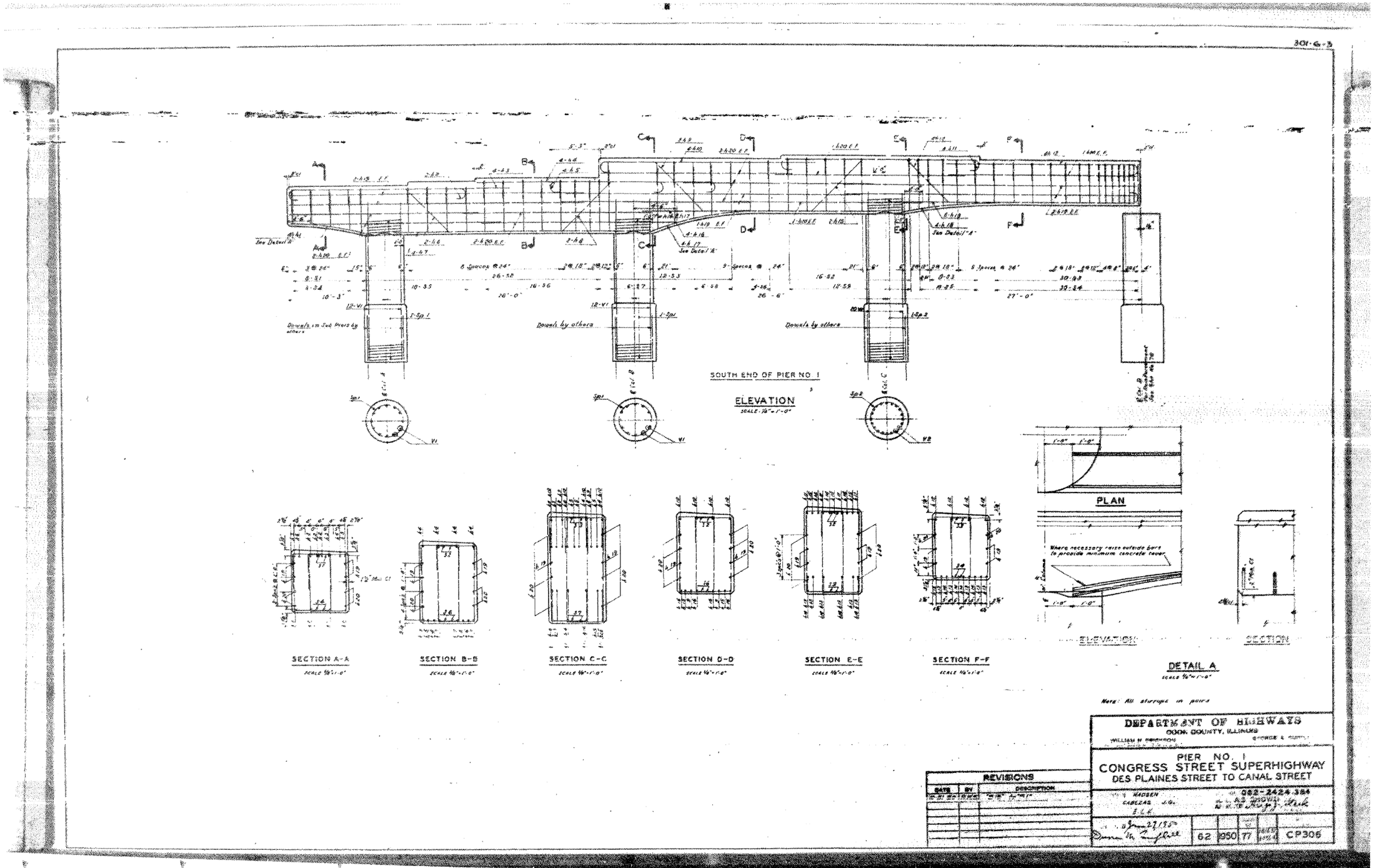
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		CHECKED -	REVISED -	
	PLOT SCALE = N.T.S	DRAWN -	REVISED -	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -	

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1537
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

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FOR INFORMATION ONLY

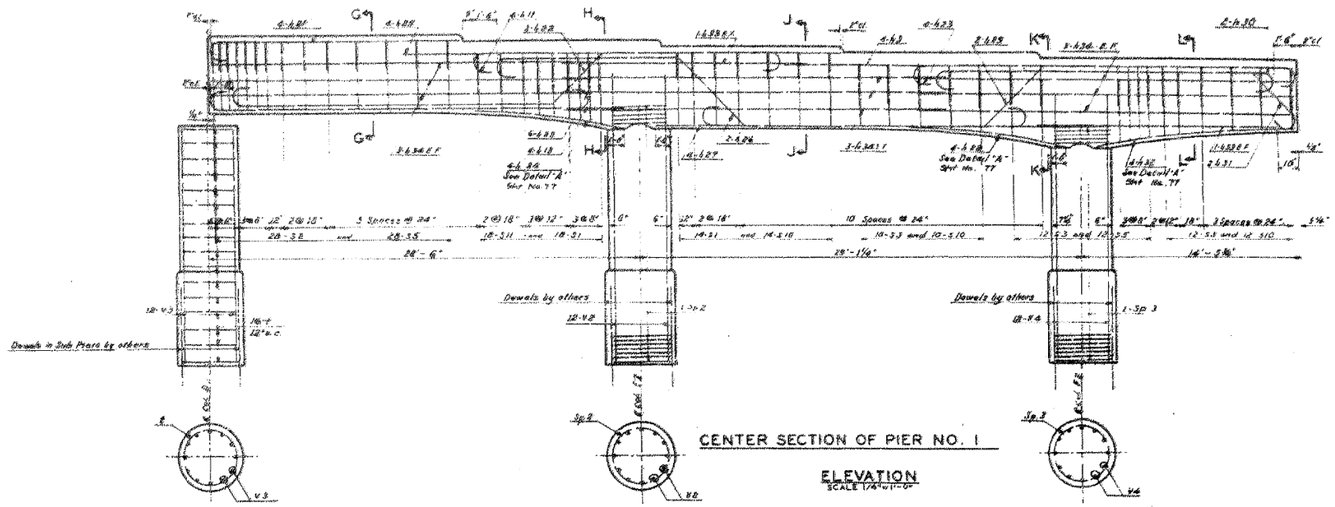


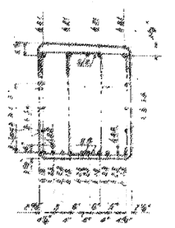
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1538
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structural\Structure_016-1718\Existing Plans\016046I-60X93-SXX-Existing534

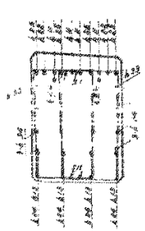
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FOR INFORMATION ONLY

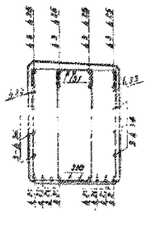




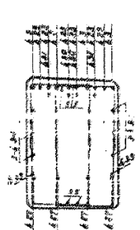
SECTION G-G
SCALE 3/8"=1'-0"



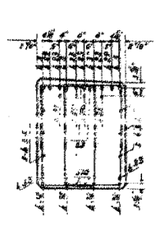
SECTION H-H
SCALE 3/8"=1'-0"



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



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



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

Note: All stirrups in pairs

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. ENDICOTT — GEORGE A. GUNDLACH

PIER NO. 1
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED WADSEM
DRAWN CARSTAR, J. GREGER
CHECKED E.J.K.
SECTION 062-2424.384
SCALE AS SHOWN
APPROVED E.M. Endicott
APPROVED Duane M. Campbell

State Aid Project No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	78	[illegible]	CP307

REVISIONS

DATE	BY	DESCRIPTION

HBM ENGINEERING GROUP, LLC

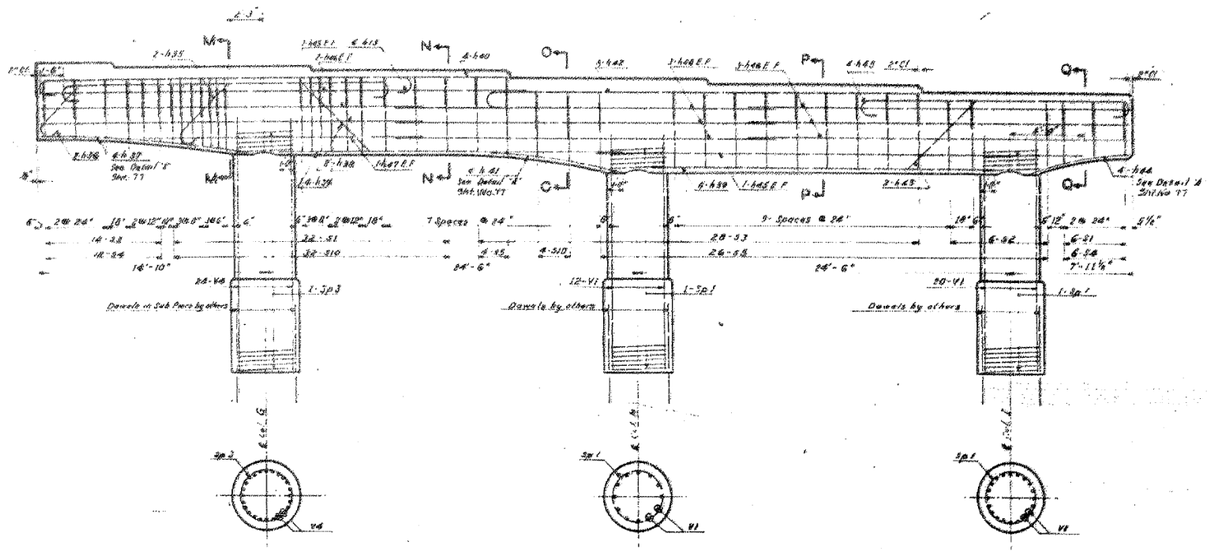
USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	
	CHECKED -	REVISED -			
PLOT SCALE = N.T.S	DRAWN -	REVISED -			
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1539
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\6117479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing535

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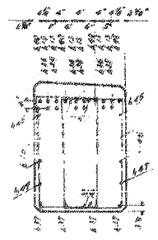
FOR INFORMATION ONLY



NORTH END OF PIER NO. 1

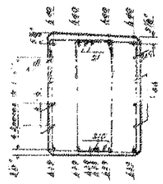
ELEVATION

SCALE 1/4"=1'-0"



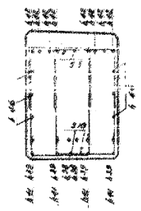
SECTION M-M

SCALE 3/8"=1'-0"



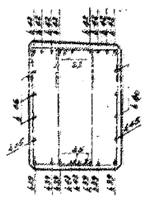
SECTION N-N

SCALE 3/8"=1'-0"



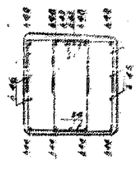
SECTION O-O

SCALE 3/8"=1'-0"



SECTION P-P

SCALE 3/8"=1'-0"



SECTION Q-Q

SCALE 3/8"=1'-0"

Note: All stirrups in pairs.

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM H. SHERIDAN — GEORGE P. QUINLAN

PIER NO. 1
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED MADSEN — SECTION 062-2424.384
DRAWN — F.A.S. 9960
CHECKED — BLK. B.
APPROVED — Joseph J. Klucek

20 June 27, 1928 — Supervising Engineer

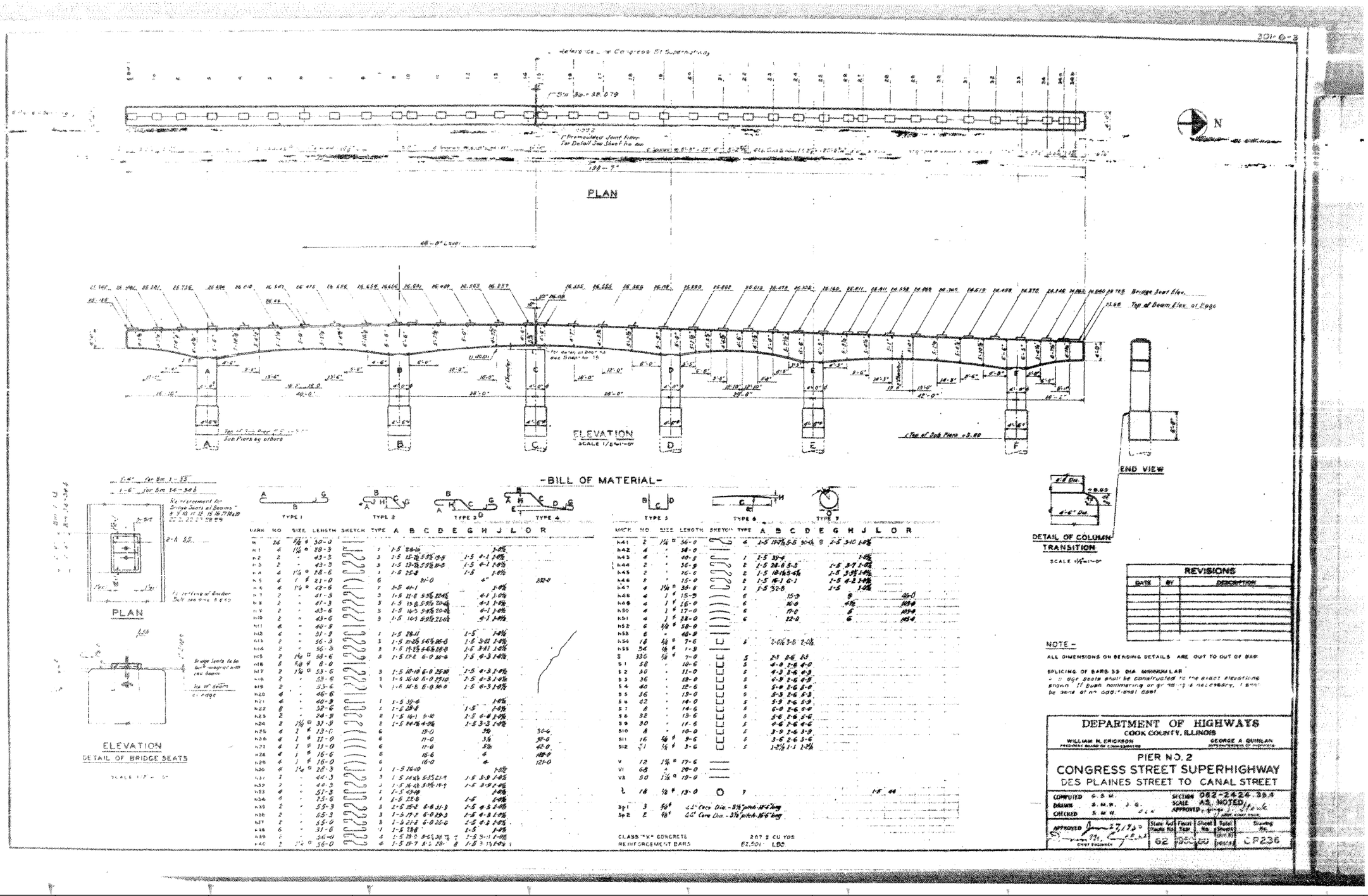
DIST.	COUNTY	SECTION NO.	SHEET NO.
62	950	79	CP308

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1540
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing536
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FOR INFORMATION ONLY



-BILL OF MATERIAL-

MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
R	26	7/8" ø	30-0		1	1'-5	28-10						3-0½			
R1	4	1¼" ø	28-3		3	1'-5	12-2½	5-5½	13-8		1'-5	4-2	2-0½			
R2	2	"	43-3		3	1'-5	13-2½	5-5½	31-0		1'-5	4-1	2-0½			
R3	2	"	43-3		3	1'-5	13-2½	5-5½	31-0		1'-5	4-1	2-0½			
R4	2	1¼ ø	28-6		1	1'-5	25-8				1'-5		3-0½			
R5	6	1" ø	21-0		6			21'-0				4"		252-0		
R6	4	1¼ ø	42-6		7	1'-5	41-1						3-0½			
R7	2	"	41-3		3	1'-5	11'-8	5-5½	22-4½			6-1	3-0½			
R8	2	"	41-3		3	1'-5	13½	5-5½	20-4½			6-1	3-0½			
R9	2	"	43-6		3	1'-5	16-5	5-5½	20-4½			6-1	3-0½			
R10	2	"	43-6		3	1'-5	16-5	5-5½	22-4½			6-1	3-0½			
R11	6	"	40-9													
R12	6	"	31-3		1	1'-5	28-11				1'-5		3-0½			
R13	2	"	56-3		3	1'-5	21-2½	5-6½	35-0		1'-5	9-11	3-0½			
R14	2	"	56-3		3	1'-5	19-2½	5-6½	18-8		1'-5	9-11	3-0½			
R15	2	1½ ◻	58-6		3	1'-5	17'-6	6'-0	30'-6		1'-5	9'-3	3-0½			
R16	6	5/8 ø	6'-0													
R17	2	1¼ ◻	53'-6		3	1'-5	10'-10	6'-8	25'-10		1'-5	9'-3	3-0½			
R18	2	"	53'-6		3	1'-5	14'-10	6'-0	29'-10		1'-5	6'-3	3-0½			
R19	2	"	53'-6		4	1'-5	16'-8	6'-0	34'-0		1'-5	6'-3	3-0½			
R20	4	"	46'-3													
R21	4	"	40'-3		1	1'-5	39'-6						3-0½			
R22	8	"	32'-6		1	1'-5	28'-8				1'-5		3-0½			
R23	2	"	24'-3		2	1'-5	16'-1	5'-10			1'-5	6'-8	3-0½			
R24	2	1½ ◻	33'-9		2	1'-5	24'-7½	4'-3½			1'-5	3'-3	3-0½			
R25	4	1" ø	13'-0		6			13'-0				3½		30'-6		
R26	4	1" ø	11'-0		6			11'-0				3½		30'-6		
R27	4	1" ø	11'-0		6			11'-0				3½		42'-0		
R28	4	1" ø	16'-6		6			16'-6				4		168'-7		
R29	4	1" ø	16'-0		6			16'-0				4		121'-0		
R30	4	1¼ ◻	28'-3		1	1'-5	26'-10						3-0½			
R31	2	"	44'-3		3	1'-5	14½	5-5½	21'-9		1'-5	3'-8	3-0½			
R32	2	"	44'-3		3	1'-5	14'-4½	5-5½	19'-9		1'-5	3'-8	2-4½			
R33	4	"	51'-3		1	1'-5	49'-8						3-0½			
R34	4	"	25'-6		1	1'-5	22'-8				1'-5		3-0½			
R35	2	"	55'-3		3	2'-5	25'-2	6'-8	31'-3		1'-5	9'-3	3-0½			
R36	2	"	55'-3		3	1'-5	17'-2	6'-0	29'-3		1'-5	6'-3	3-0½			
R37	2	"	55'-0		3	1'-5	21'-2	6'-0	25'-6		2'-5	6'-3	2-0½			
R38	6	"	31'-6		1	1'-5	28'8				1'-5		3-0½			
R39	2	"	36'-0		4	1'-5	13'-2	8'-4½	36'-7½	7	1'-5	9'-11	1'-0½			
R40	2	1¼ ◻	36'-0		4	1'-5	28'-7	8'-2	28'-	8	1'-5	9'-3	1'-0½	1		

MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
M41	2	1¼ ◻	56'-0		4	1'-5	13'-7½	5'-5	30'-1½	9	2'-5	3'-10	1'-0½			
M42	4	"	38'-0													
M43	4	"	40'-9		1	1'-5	39'-4						1'-0½			
M44	2	"	36'-9		2	1'-5	28'-6	5'-5			1'-5	3'-7	1'-0½			
M45	2	"	26'-6		2	1'-5	18'-1½	5'-4½			1'-5	3'-5½	1'-0½			
M46	2	"	15'-9		2	1'-5	16'-1	6'-1			1'-5	4'-2	1'-0½			
M47	4	1½ ø	36'-9		1	1'-5	32'-8				1'-5		1'-0½			
M48	4	1" ø	15'-9		6			15'-9				9		46'-0		
M49	4	1" ø	16'-0		6			16'-0				4½		108'-0		
M50	4	1" ø	17'-0		6			17'-0				8		183'-0		
M51	4	1" ø	22'-0		6			22'-0				6		165'-4		
M52	6	5/8 ø	58'-0													
M53	6	"	46'-8													
M54	18	5/8 ø	7'-6		5	2'-0½	3'-5	2'-0½								
M55	54	5/8 ø	1'-8													
S	335	5/8 ø	7'-0		5	2'-3	2'-6	2'-3								
S1	58	"	10'-6		5	4'-0	2'-6	4'-0								
S2	30	"	11'-0		5	4'-3	2'-6	4'-3								
S3	36	"	12'-0		5	4'-3	2'-6	4'-3								
S4	60	"	12'-6		5	5'-0	2'-6	5'-0								
S5	36	"	13'-0		5	5'-3	2'-6	5'-3								
S6	22	"	14'-0		5	5'-9	2'-6	5'-9								
S7	8	"	14'-6		5	6'-0	2'-6	6'-0								
S8	32	"	13'-6		5	5'-6	2'-6	5'-6								
S9	90	"	11'-6		5	4'-6	2'-6	4'-6								
S10	8	"	10'-0		5	3'-9	2'-6	3'-9								
S11	16	5/8 ø	9'-6		5	3'-6	2'-6	3'-6								
S12	51	1/2 ø	3'-5		5	1'-2½	1'-1	1'-2½								
V	12	1¼ ◻	17'-6													
V1	68	"	20'-0													
V2	50	1¼ ◻	19'-0													
L	18	1/2 ø	13'-0	O	7								1'-5	44		
Sp1	3	5/8" ø	44" Core Dia. - 8½" pitch - 164" long													
Sp2	2	5/8" ø	44" Core Dia. - 3½" pitch - 166" long													

CLASS "K" CONCRETE 207.2 CU YDS
REINFORCEMENT BARS 63,501 LBS

REVISIONS		
DATE	BY	DESCRIPTION

NOTE -

ALL DIMENSIONS ON BENDING DETAILS ARE OUT TO OUT OF BAR

SPLICING OF BARS 33 DIA MINIMUM LAP

- - Pier Seats shall be constructed to the exact elevations shown. If beam nonconforming or grinding is necessary, it shall be done at no additional cost

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM N. ERICKSON, PRESIDENT BOARD OF COMMISSIONERS
GEORGE A. QUINLAN, SUPERINTENDENT OF HIGHWAYS

PIER NO. 2
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED	E.S.W.	SECTION	082-2424.33-R
DRAWN	E.M.W. J.G.	SCALE	AS NOTED
CHECKED	E.S.W.	APPROVED	

APPROVED 27/1930
CHIEF ENGINEER

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1930	1	1	CR236

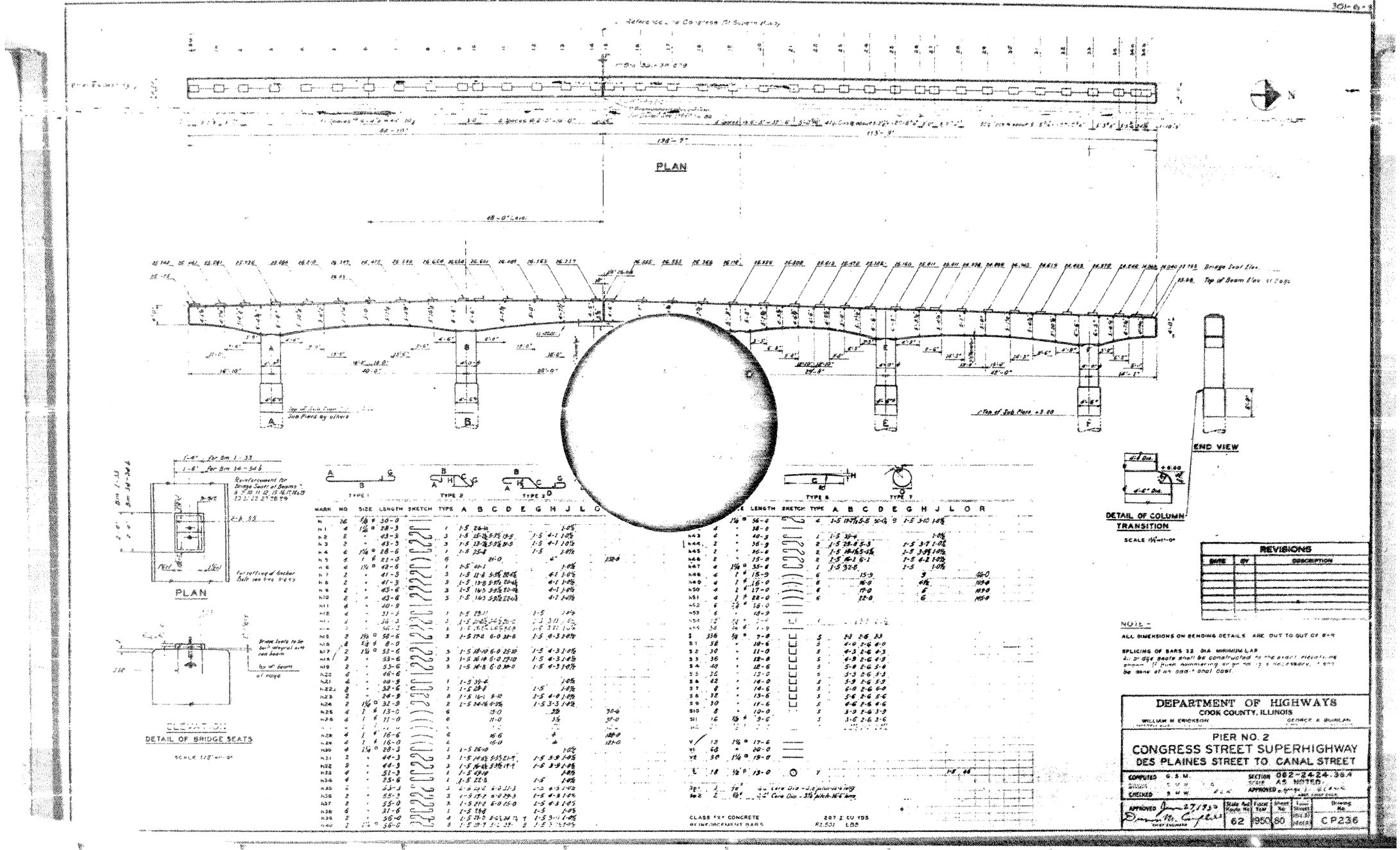
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1541
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

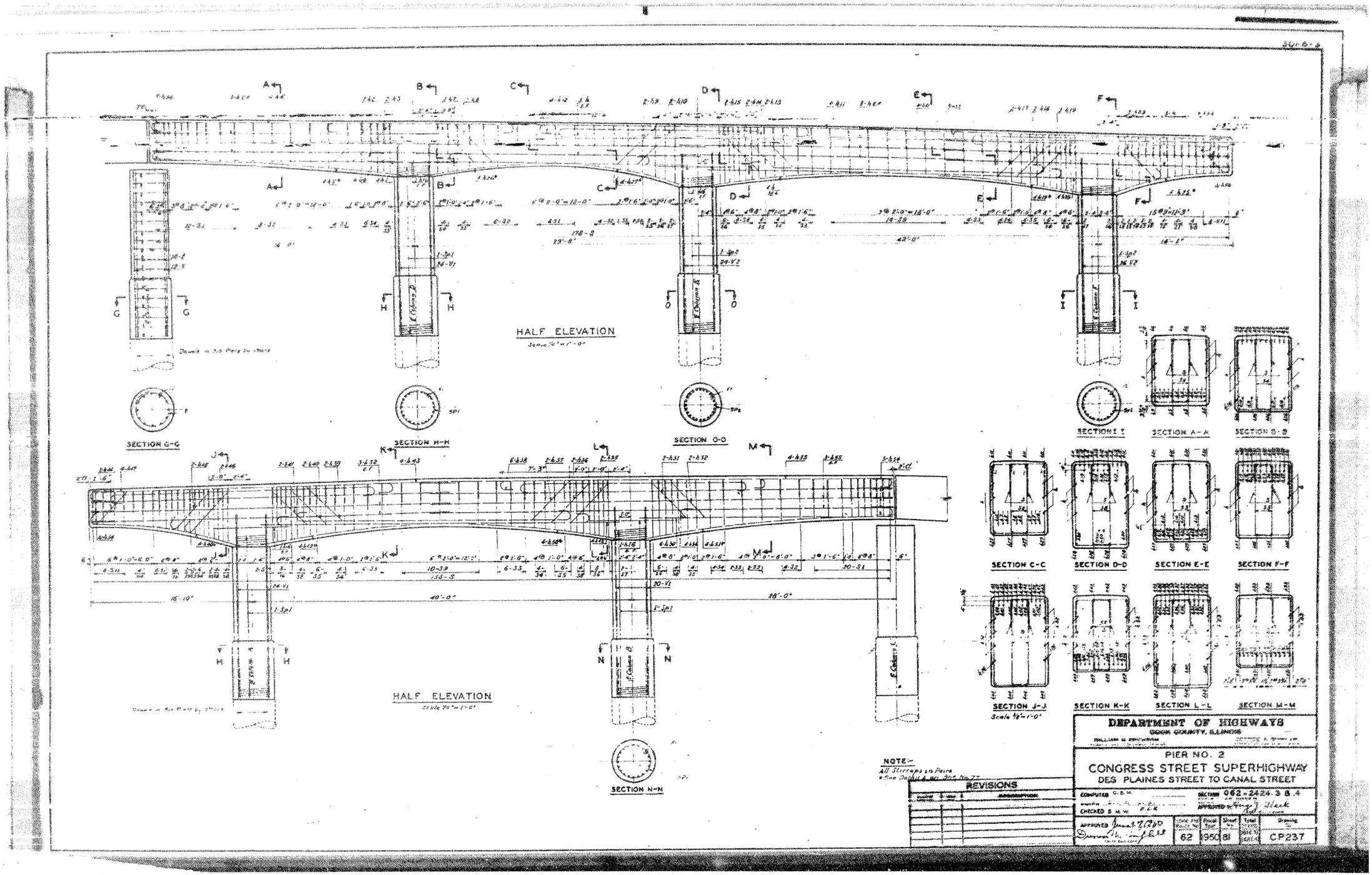


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1542
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.localsAECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\016046I-60X93-SXX-Existing538

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FOR INFORMATION ONLY

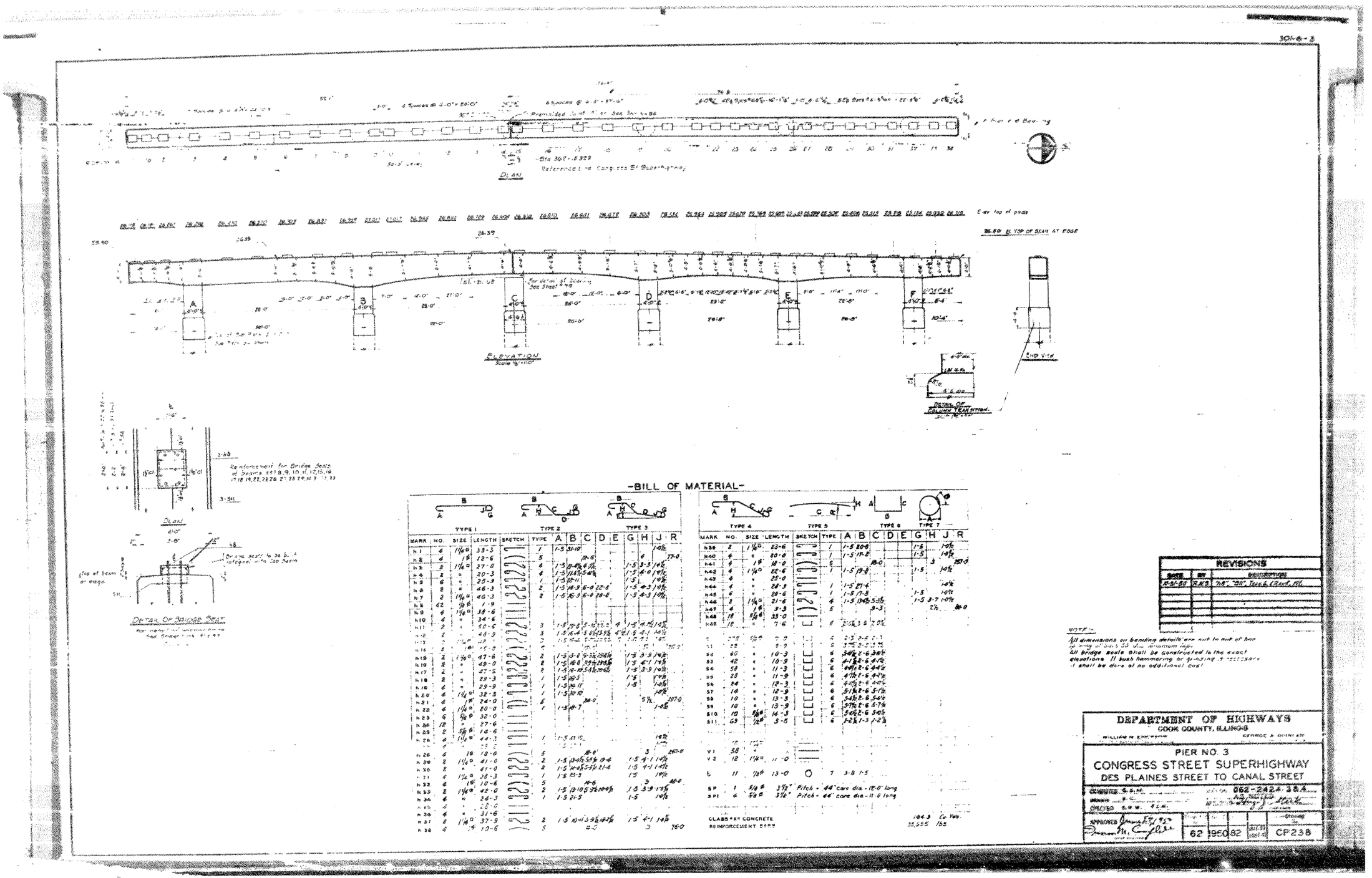


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1543
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing539

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FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION
10-31-50	R.M.S.	"A", "B", Type 6, Grade, Etc.

NOTE:-
All dimensions on benching details are not to out of box as may at times be uncertain rock.
All bridge seats shall be constructed to the exact elevations. If such hammering or grinding is necessary it shall be done at no additional cost.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

062-2424-38A

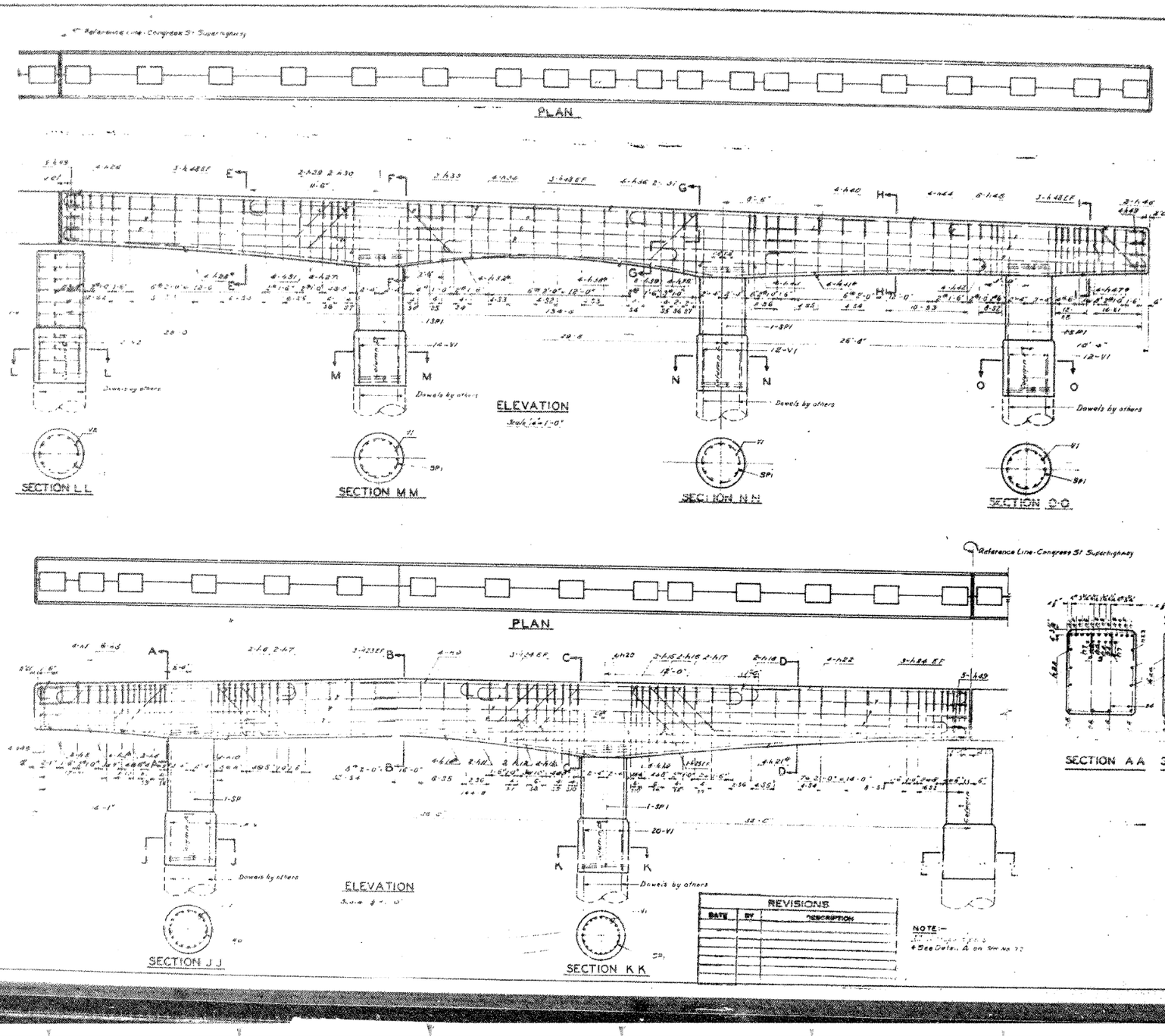
62	1950	82			CP238

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		CHECKED -	REVISED -	EXISTING RECORD DRAWINGS
	PLOT SCALE = N.T.S	DRAWN -	REVISED -	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1544
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing540
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FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

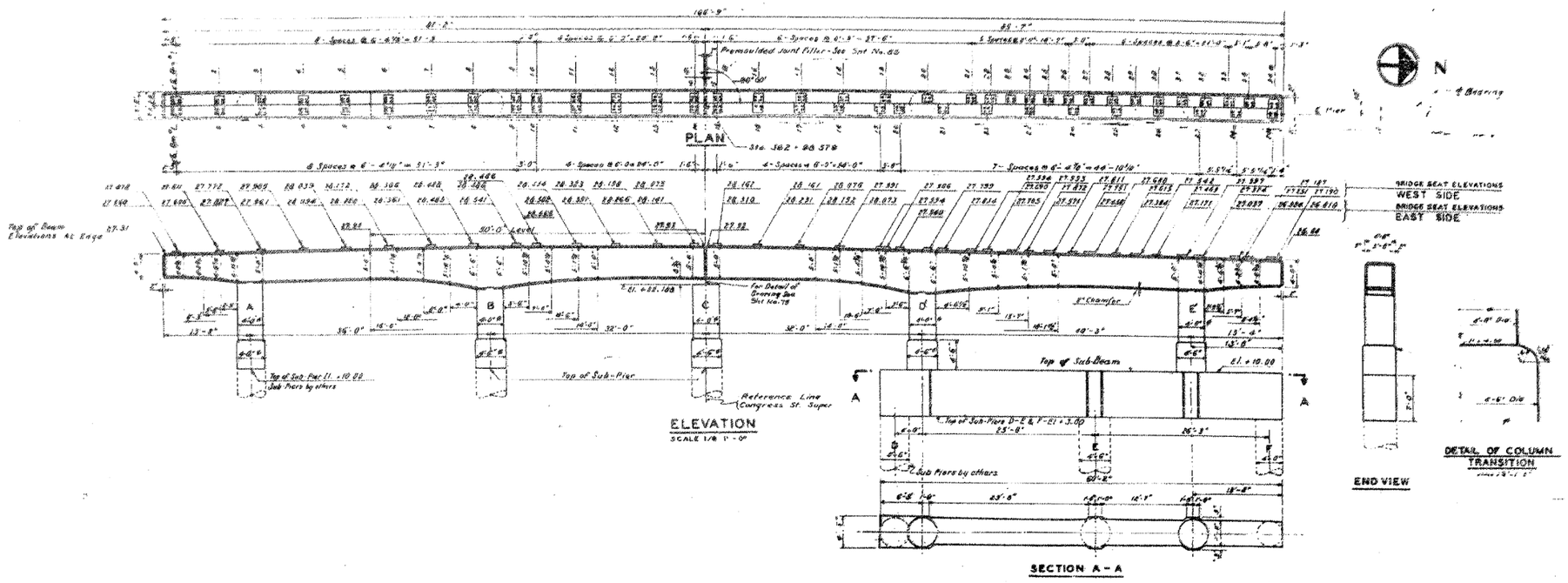
PIER NO. 3
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

62	1950	83			CP 239

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1545
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing541
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FOR INFORMATION ONLY



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	R
h 1	78	1¼	32-6		1	1'-5	31'-1							1'-0½
h 2	2	"	46-6		8	1'-5	17'-4	6'-0	20'-4		1'-5	6'-3		1'-0½
h 3	2	"	46-6		8	1'-5	44'-1	6'-0	23'-7		1'-5	6'-3		1'-0½
h 4	6	"	20'-0		3	1'-5	18'-3	6'-11			1'-5	3'-4		1'-0½
h 5	2	"	26-0		3	1'-5	18'-4½	6'-9½			1'-5	3'-3		1'-0½
h 6	6	"	39'-6											
h 7	2	"	34'-0											
h 8	2	"	49'-0		6	1'-5	15'-10	6'-3	28'-1	5'-6	1'-5	6'-5		1'-0½
h 9	2	"	49'-0		8	1'-5	13'-10	6'-11½	20'-11½	6	1'-5	6'-4		1'-0½
h 10	2	"	38'-0		8	1'-5	13'-5	6'-0	21'-9		1'-5	6'-3		1'-0½
h 11	2	1⅛	50'-0		8	1'-5	16'-2	6'-0	25'-0		1'-5	6'-3		1'-0½
h 12	6	1⅛	32'-6											
h 13	6	"	19'-5											
h 14	6	"	15'-5											
h 15	6	1⅜	13'-0		2		5'-9				0'-8		42'-0	
h 16	6	"	12'-6		3		12'-0				0'-8		56'-0	
h 17	6	"	11'-0		3		10'-0				0'-8		46'-0	
h 18	6	1⅛	26'-3											
h 20	2	1 1/16	48'-9		8	1'-5	16'-8	6'-0	25'-3		1'-5	6'-3		1'-0½
h 21	2	"	48'-9		8	1'-5	17'-8	6'-0	22'-3		1'-5	6'-3		1'-0½
h 22	6	"	40'-6											
h 23	6	"	18'-0		1	1'-5	16'-7							1'-0½
h 24	6	"	32'-6		1	1'-5	31'-1							1'-0½
h 25	2	"	28'-9		1	1'-5	25'-11				1'-5			1'-0½
h 26	2	"	53'-6		8	1'-5	13'-5	6'-6	30'-6		1'-5	6'-7		1'-0½
h 27	2	"	52'-0		8	1'-5	16'-2	6'-0	28'-9		1'-5	6'-3		1'-0½
h 28	2	1⅛	52'-0		9	1'-5	18'-1	6'-0	25'-7		1'-5	6'-3		1'-0½
h 29	6	"	1'-2											
h 31	6	1⅛	37'-0		1	1'-5	35'-7							1'-0½
h 32	2	"	50'-6		8	1'-5	16'-7	6'-0	25'-1		1'-5	6'-3		1'-0½
h 33	2	"	50'-6		8	1'-5	20'-8	6'-0	21'-6		1'-5	6'-3		1'-0½
h 34	2	"	44'-6		8	1'-1	14'-8½	5'-6½	25'-5		1'-5	5'-11		1'-0½
h 35	6	"	14'-9		1	1'-5	21'-11				1'-5			1'-0½
h 36	2	"	28'-6		3	1'-5	20'-5	5'-3			1'-5	3'-7		1'-0½
h 37	18	"	27'-3		1	1'-6	24'-5				1'-5			1'-0½
h 38	6	1⅛	30'-0											
h 39	6	"	13'-2		2	1'-5	12'-4							1'-0½
h 41	6	"	43'-6		1	1'-5	42'-1							1'-0½

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
h 42	2	1¼	27'-9		4	1'-5	7'-0	17'-11			1'-5	5'-8	1'-0½			
h 43	2	"	44'-3		6	1'-5	15'-0	8'-3	18'-9		1'-5	5'-10	1'-0½			
h 44	2	1¼	44'-3		6	1'-5	17'-0	8'-3	16'-8		1'-5	5'-10	1'-0½			
h 45	12	⅝	23'-6													
h 46	10	1¼	33'-3													
h 47	10	"	22'-9		1	1'-5	33'-10						1'-0½			
h 48	6	⅝	14'-6		1	1'-5	22'-11						1'-0½			
h 49	8	1¼	23'-6								1'-5		1'-0½			
h 50	14	⅝	7'-6		1	1'-5	20'-8				1'-5					
h 51	20		31'-0		5		1'-10½	3'-9	1'-10½							
h 52	18	⅝	7'-6													
h 53	6	1⅛	15'-0		9		2'-0½	3'-5	2'-0½							
h	13	"	15'-0		2		15'-0				0'-4					
v 1	28	"	15'-3													
v 2	18	"	16'-0													
v 3	12	1¼	12'-0													
d 1	38	1⅛	7'-0													
d 2	8	"	10'-3													
Spl	1	19 @ 3½"	Pitch = 44"		Core Dia. = 13.6" long											
Sp 2	3	" @ 3½"	Pitch = 44"		Core Dia. = 12.6" long											
S 1	12	⅝	9'-0		9		3'-6½	2'-8	3'-6½							
S 2	8	"	10'-3		"		3'-9½	3'-0	3'-9½							
S 3	8	"	10'-9		"		4'-0½	3'-1	4'-0½							
S 4	8	"	11'-3		"		4'-3½	2'-8	4'-3½							
S 5	10	"	11'-3		"		4'-3½	2'-8	4'-3½							
S 6	10	"	11'-3		"		4'-3½	2'-8	4'-3½							
S 7	18	"	12'-9		"		5'-0½	2'-8	5'-0½							
S 8	16	"	13'-3		"		5'-2½	2'-8	5'-2½							
S 9	12	"	13'-9		"		5'-4½	2'-8	5'-4½							
S 10	10	"	14'-3		"		5'-6½	2'-8	5'-6½							
S 11	212	"	9'-0		"		2'-3	2'-8	2'-3							
S 12	98	"	6'-3		"		2'-1½	2'-8	2'-1½							
S 13	98	⅝	15'-6		"		6'-6	2'-8	6'-6							
S 14	5	"	7'-1		"		2'-7	1'-2	2'-7							

CLASS "A" CONCRETE 220.4 CU YDS.
REINFORCEMENT BARS 46,319 LBS

NOTE

All bearing seats shall be constructed to the exact elevations shown. If such hammering or grinding is necessary, it shall be done at no additional cost.

Splicing of bars 22 dia minimum lap

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED C.S.M. SECTION 062-2424.3 B.4
DRAWN B.J. J.G. SCALE AS NOTED
CHECKED S.M.W. C.S.M. APPROVED
CLASS UNDER RATE

APPROVED Jan 27/33
CHIEF ENGINEER

STATE HWY ROUTE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	DRAWING NO.
62	1950	84	1972	CP 240

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

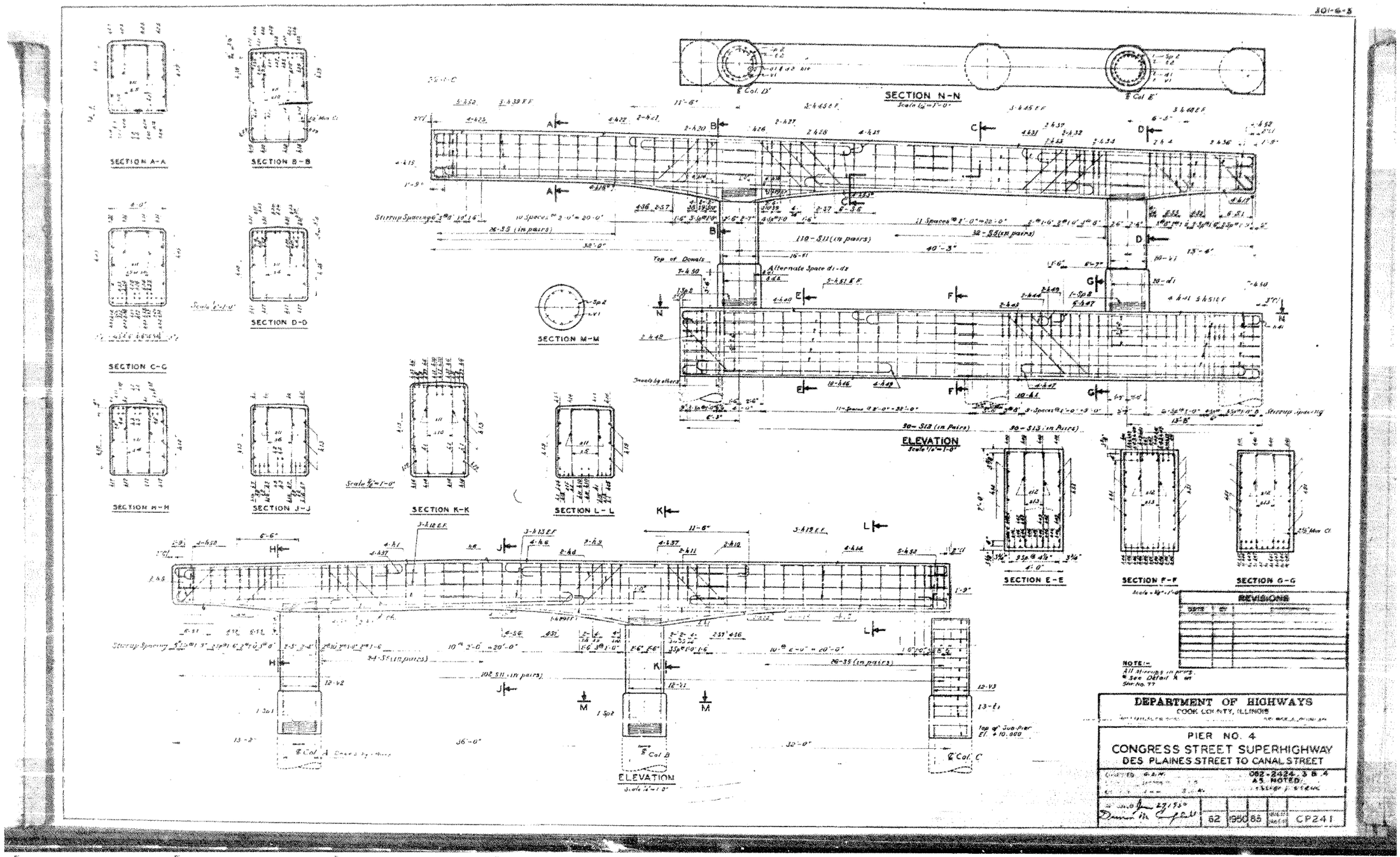
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1546
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\6117479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing542

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FOR INFORMATION ONLY

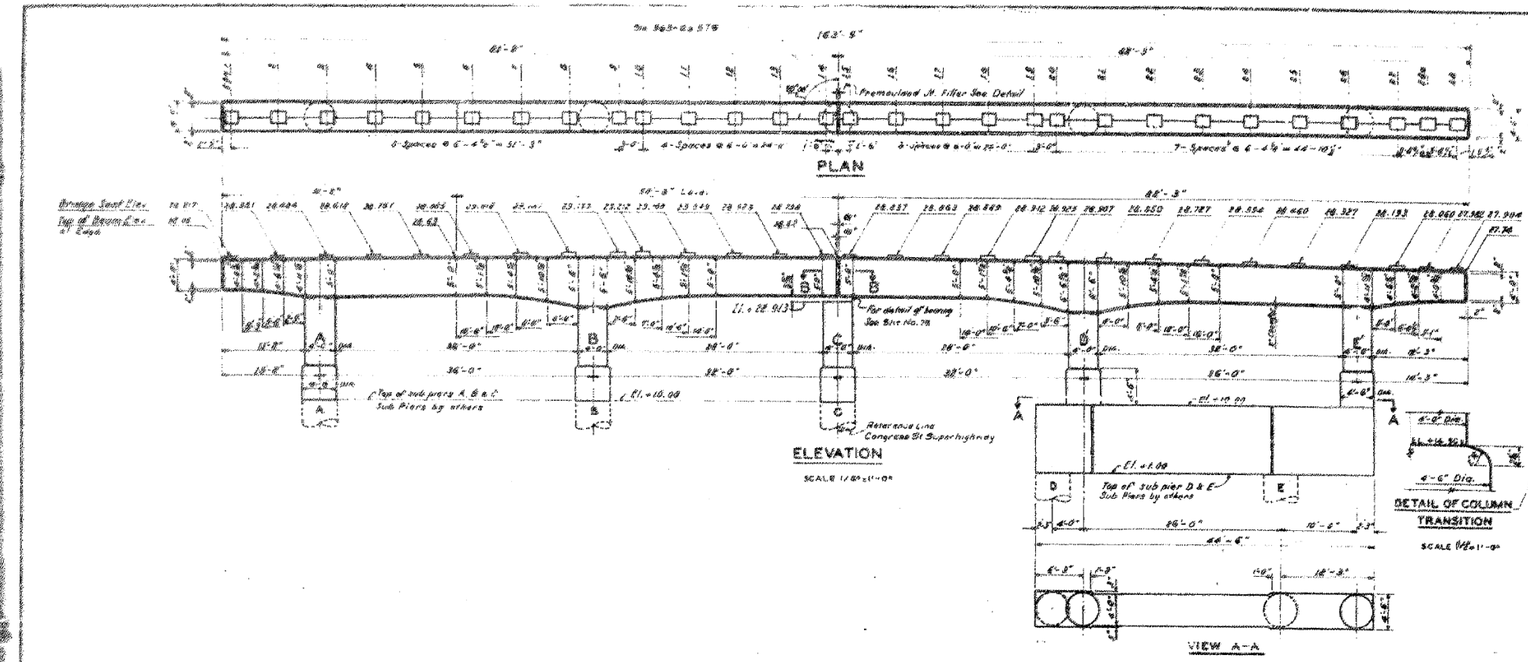


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1547
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\016046I-60X93-SXX-Existing543

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FOR INFORMATION ONLY



- BILL OF MATERIAL -

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R
	h1	2	1¼"	55-6		4	1'-5	54-1				1'-0⅞			
	h2	8	"	26-8		4	1'-5	25-11			1'-5	1'-0⅞			
	h11	8	"	53-3		4	1'-5	51-10				1'-0⅞			
	h16	8	"	32-6		4	1'-5	31-1				1'-0⅞			
	h19	4	"	30-3		4	1'-5	27-11			1'-5	1'-0⅞			
	h20	4	"	27-0		4	1'-5	24-2			1'-5	1'-0⅞			
	h23	6	"	25-2		4	1'-5	22-11			1'-5	1'-0⅞			
	h37	2	"	19-3		4	1'-5	16-5			1'-5	1'-0⅞			
	h38	6	"	53-6		4	1'-5	51-7				1'-0⅞			
	h39	8	"	54-2		4	1'-5	51-11			1'-5	1'-0⅞			
	h40	6	"	36-3		4	1'-5	33-5			1'-5	1'-0⅞			
	h41	10	"	33-3		4	1'-5	30-5			1'-5	1'-0⅞			
	[illegible]														
	c2	2	1⅛"	40-0		2	1'-5	15-4	6-6	33-6	1'-5	1'-0⅞	4'-7		
	h4	2	"	52-0		2	1'-5	17-5	6-6	26-11		1'-0⅞	4'-7		
	h15	6	"	49-6		2	1'-5	18-10	6-6	25-6	1'-5	1'-0⅞	4'-7		
	h18	4	"	47-3		2	1'-5	15-8	6-0	23-3	1'-5	1'-0⅞	4'-3		
	h17	4	"	67-9		2	1'-5	18-6	6-0	13-11	1'-5	1'-0⅞	4'-3		
	h21	4	"	52-0		2	1'-5	2'-6	6-6	38-2	1'-5	1'-0⅞	4'-7		
	h22	2	"	49-0		2	1'-5	16-5	6-6	23-3	1'-5	1'-0⅞	4'-7		
	h24	2	"	52-6		2	1'-5	18-5	6-6	26-2		1'-0⅞	4'-7		
	h26	2	"	48-6		2	1'-5	17-10	6-6	21-6	1'-5	1'-0⅞	4'-7		
	h29	2	"	48-6		2	1'-5	15-10	6-0	23-10	1'-5	1'-0⅞	4'-3		
	h30	2	"	48-6		2	1'-5	13-10	6-6	25-6	1'-5	1'-0⅞	4'-7		
	h36	2	"	46-0		2	1'-5	11-10	10-2	19-2	1'-5	1'-0⅞	7'-2		
	h28	2	1⅛"	46-0		2	1'-5	9'-10	10-2	21-8	1'-5	1'-0⅞	7'-2		
	h6	2	1⅛"	48-3		1	1'-5	17-10	6-3½	41-1½	1'-5	1'-0⅞	4'-5½	5	
	h8	2	"	48-3		1	1'-5	15-10	5-3½	43-1½	1'-5	1'-0⅞	4'-1	5½	
	h10	2	"	48-3		1	1'-5	13-6	6-2½	15-9½	1'-5	1'-0⅞	4'-1½	6	
	h5	2	1⅛"	27-6		3	1'-5	17-10½	4'-5⅞		1'-5	1'-0⅞	3'-3		
	h7	4	"	20-9		3	1'-5	18-7½	5'-3½		1'-5	1'-0⅞	3'-7		
	h25	2	"	29-6		3	1'-5	21-0½	6'-5⅞		1'-5	1'-0⅞	3'-3		
	h27	4	"	22-3		3	1'-5	19'-10⅜	2'-2⅛		1'-5	1'-0⅞	3'-1		
	h35	2	"	35-6		3	1'-5	28-2⅜	10-7⅛		1'-5	1'-0⅞	7'-5½		
	[illegible]														

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	L
	h7	4	1"	12-0		5		12-0					6½		66-0	
	h13	8	"	13-0		5		13-0					4		66-0	
	h14	8	"	11-0		5		11-0					4		66-0	
	h27	4	"	13-0		5		13-0					6½		77-0	
	h46	18	⅝"	7-6		6	2-0⅞	3-5	2-0⅞							
	h32	18	"	7-6		6	1-10⅜	3-5	1-10⅜							
	s1	14	"	9-6		6	3-6	2-6	3-6							
	s2	14	"	10-0		6	3-9	2-6	3-9							
	s3	14	"	10-8		6	4-0	2-6	4-0							
	s4	16	"	11-9		6	4-3	2-6	4-3							
	s5	140	"	11-6		6	4-6	2-6	4-6							
	s6	12	"	10-7		6	4-9	2-6	4-9							
	s7	32	"	18-6		6	5-0	2-6	5-0							
	s8	34	"	13-9		6	5-7⅛	2-6	5-7⅛							
	s9	16	"	14-3		6	5-10⅝	2-6	5-10⅝							
	s10	282	"	7-0		6	2-3	2-6	2-3							
	s11	80	"	15-6		6	6-6	2-6	6-6							
	s12	80	⅝"	6-9		6	2-1⅛	2-6	2-1⅛							
	s13	30	⅛"	3-6		6	1-1⅛	1-3	1-1⅛							
	b1	13	⅛"	13-0		7	3-8								1'-5	
	b2	12	"	11-0		7	3-0½								1'-5	
	h12	4	1¼"	36-0												
	h31	20	⅛"	1-10												
	h43	24	⅜"	48-0												
	h45	16	"	43-6												
	V1	36	1¼"	16-9												
	V2	38	"	15-6												
	V3	12	"	12-9												
	d1	20	"	7-0												
	d2	20	"	12-0												
	sp1	2	⅜	3½" Pitch - 44" Core Dia - 13-0 Long												
	sp2	2	⅛ @ ⅜	3½" Pitch - 33" Core Dia - 13-0 Long												

Class "X" Concrete — 221.3 Cu Yds
Reinforcement Bars — 51,300 Lbs

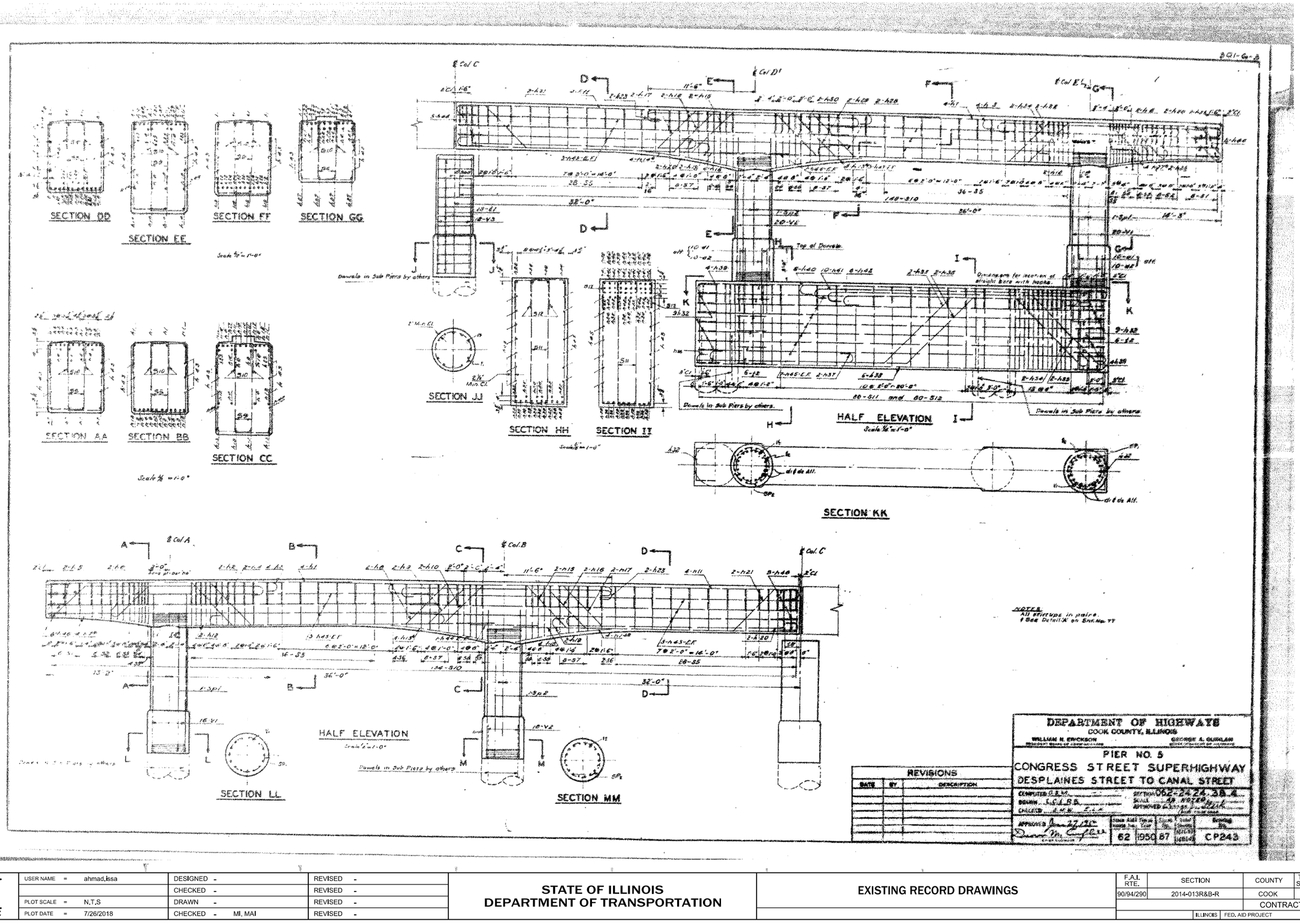
NOTE -
All bridge seats shall be constructed to the exact elevations shown. If such hammering or grinding is necessary, it shall be done at no additional cost.

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COUNTY OF COOK, ILLINOIS
WILLIAM M. ERICKSON — GEORGE A. SCHAUMBURG

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

FOR INFORMATION ONLY



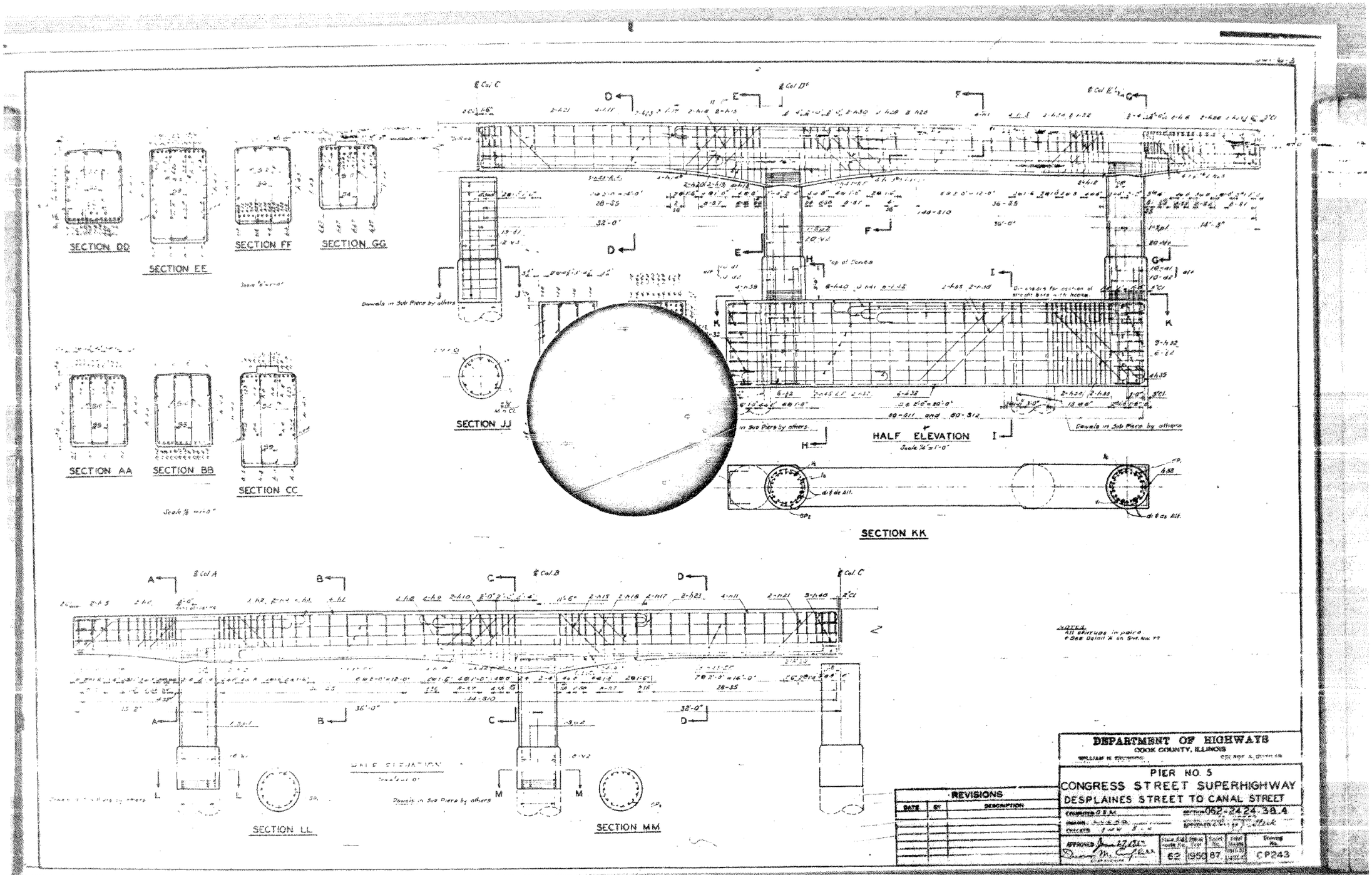
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1549
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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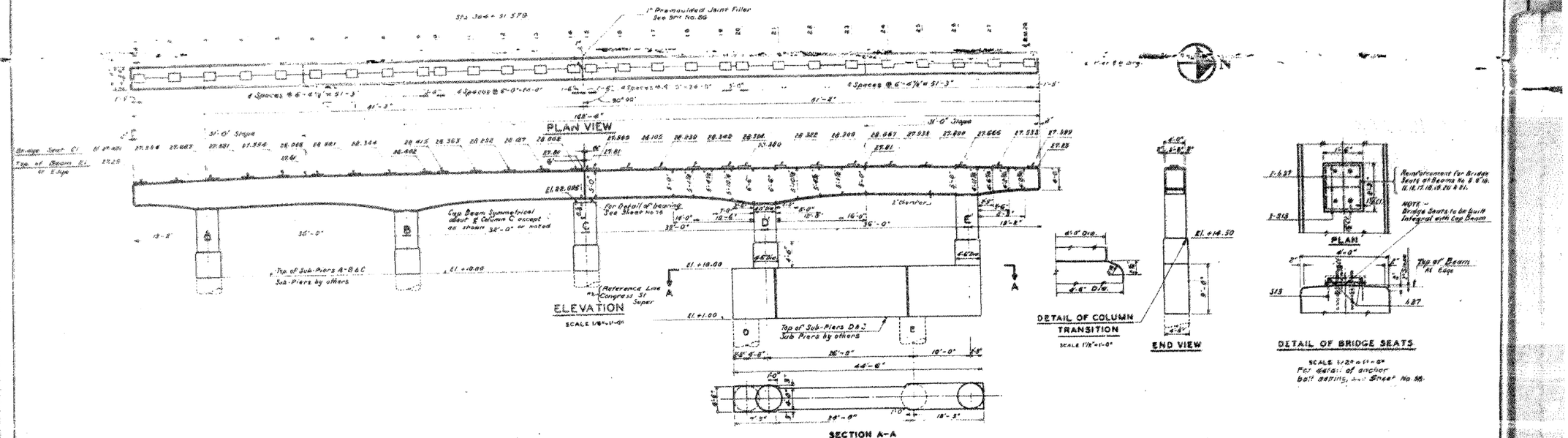
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HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1550
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N1	6	1¼	33-9		1		32-4				1-5		1-0½			
N2	6	"	26-3		1	1-5	23-5				1-5		1-0½			
N3	4	"	22-8		1	1-5	19-11				1-5		1-0½			
N4	6	"	46-9		2	1-5	19-6	6-6	22-1		1-5	4-7	1-0½			
N5	4	"	40-8		2	1-5	15-6	6-6	26-1		1-5	4-7	1-0½			
N6	4	1¼	69-3		5			12-0								66-0
N7	4	1¼	12-0		5			12-0								
N8	4	1¼	25-9		4	1-5	18-1½	6-4½			1-5	3-3	1-0½			
N9	4	1¼	19-3		4	1-5	11-10½	5-4½			1-5	3-8	1-0½			
N10	4	1¼	36-0													
N11	4	1¼	42-8		3	1-5	18-0	5-9½	21-4½	5	1-5	4-1	1-0½			
N12	4	"	37-6		3	1-5	13-6	5-9½	26-4½	6	1-5	4-1	1-0½			
N13	4	"	48-0		3	1-5	9-6	5-9½	31-4½	7	1-5	4-1	1-0½			
N14	6	"	72-7													
N15	6	"	44-9		2	1-5	16-6	5-6	13-8½		1-5	4-11	1-0½			
N16	4	"	47-3		2	1-5	16-6	6-0	21-9		1-5	4-3	1-0½			
N17	4	"	48-0		2	1-5	12-9	6-6	24-11		1-5	4-7	1-0½			
N18	4	"	89-6		1	1-5	30-8				1-5		1-0½			
N19	8	"	32-1		1	1-5	30-10						1-0½			
N20	4	"	32-2		1	1-5	25-5	6-6	30-11		1-5	6-9	1-0½			
N21	8	1¼	30-9		1	1-5	27-11				1-5		1-0½			
N22	8	1⅛	11-0		5			11-0				4				66-0
N23	8	1⅛	13-0		5			13-0				4				66-0
N24	8	1¼	50-6		1	1-5	27-8				1-5		1-0½			
N25	10	"	33-6		1	1-5	30-6				1-5		1-0½			
N26	2	"	35-3		4	1-5	21-11½	10-5½			1-5	7-3	1-0½			
N27	2	"	32-0		4	1-5	13-1	10-1			1-5	7-0	1-0½			
N28	6	"	32-9		1	1-5	31-6						1-0½			
N29	3	"	44-3		2	1-5	10-3	10-6	21-0		1-6	7-8	1-0½			
N30	2	"	44-3		2	1-5	12-3	10-2	19-0		1-5	7-8	1-0½			
N31	2	1¼	23-6		1	1-5	20-6				1-5		1-0½			
N32	24	"	21-4													
N33	6	"	18-6													
N34	16	⅝	7-6		6	1-0½	3-5	2-0½								
N35	20	⅝	1-11													
N36	18	⅝	7-6		6	1-10½	3-5	1-10½								
N37	14	⅝	44-0													

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
S	332	1⅛	7-0	"	6	2-3	2-6	2-3								
S1	24	"	9-9	"	6	3-7½	2-6	3-7½								
S2	16	"	10-3	"	6	3-10½	2-6	3-10½								
S3	16	"	10-9	"	6	4-1½	2-6	4-1½								
S4	8	"	11-3	"	6	4-4½	2-6	4-4½								
S5	152	"	11-8	"	6	4-7½	2-6	4-7½								
S6	20	"	12-3	"	6	4-10½	2-6	4-10½								
S7	20	"	12-9	"	6	5-1½	2-6	5-1½								
S8	28	"	13-3	"	6	5-4½	2-6	5-4½								
S9	24	"	13-9	"	6	5-7½	2-6	5-7½								
S10	28	"	14-3	"	6	5-10½	2-6	5-10½								
S11	24	"	19-6	"	6	8-4	2-6	8-6								
S12	48	1⅛	8-9	"	6	3-11½	1-3	3-11½								
S13	30	½	5-8		6											
B1	12	1⅛	13-0	8	7									1-5	3-8	
B2	12	1⅛	11-0		7									1-5	3-0½	
V1	32	1¼	16-0													
V2	12	"	11-9													
V3	20	"	5-6													
V4	32	1¼	15-0													
C1	20	1¼	12-0													

SP1 2 - ⅝" @ 3½" Pitch - 44" Core Dia. 12"- 0" long
SP2 2 - ⅝" @ 3½" Pitch - 44" Core Dia. 13"- 6" long

CLASS "X" CONCRETE 219.0 CU. YDS.
REINFORCEMENT BARS 38,484 LBS.

NOTE:- Dimensions on bending details are out to out of bars.
Splicing of bars to be 33 diameter minimum lap.
All bridge seats shown or constructed to the exact elevations shown or noted on the plans, regardless of the [illegible]

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

CONTRACT	C.S.H.			SECTION	062-2424, 3 & 4	
DATE	C.S.H.	J.G.		DISTRICT	Chicago Area	
CHECKED	S.M.W.	R.C.K.		APPROVED	Joseph Clark	
SUBMITTED	January 27, 1960					
		62	1950	66		C-1244

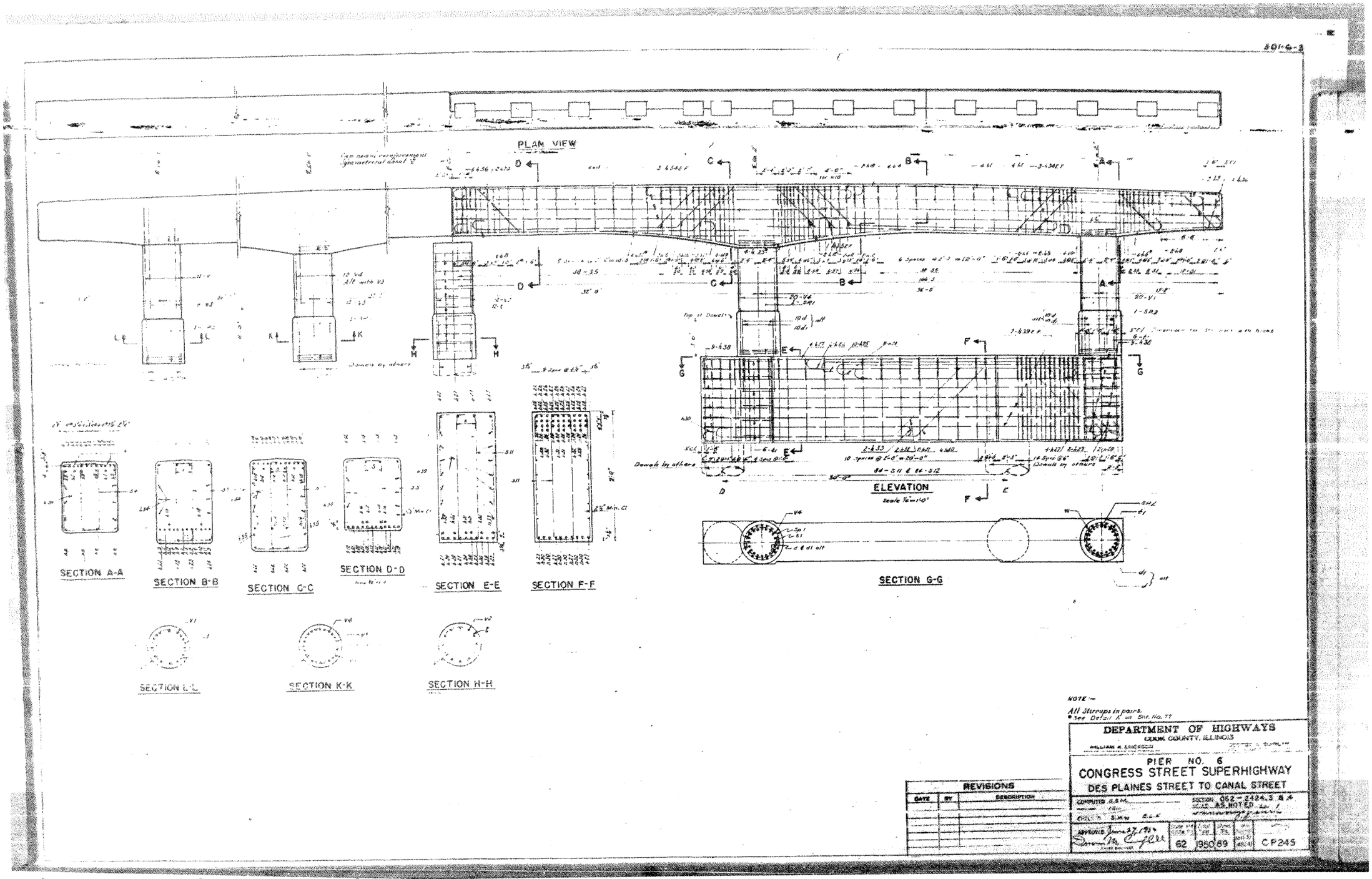
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1551
			CONTRACT NO. 60X93	
		ILLINOIS	FED. AID PROJECT	

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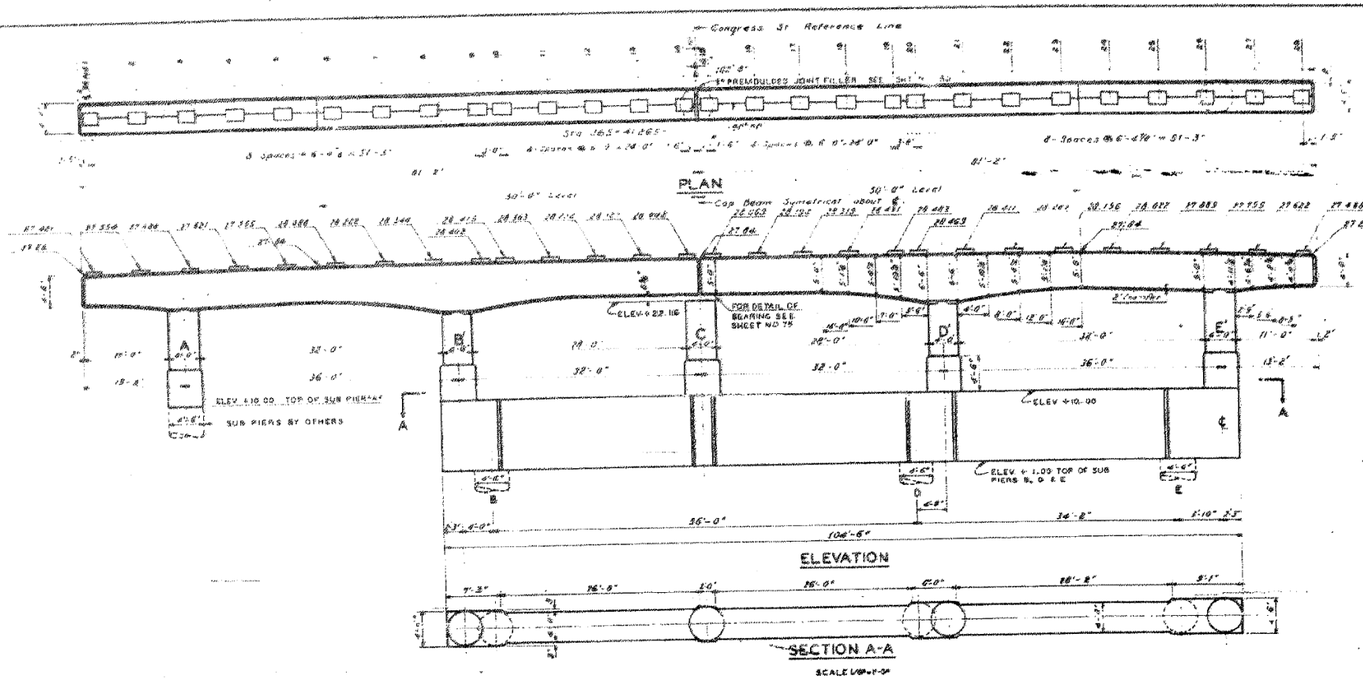


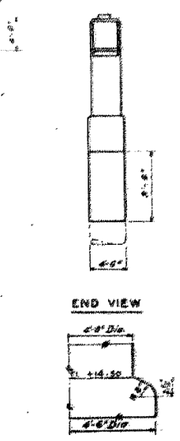
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1552
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

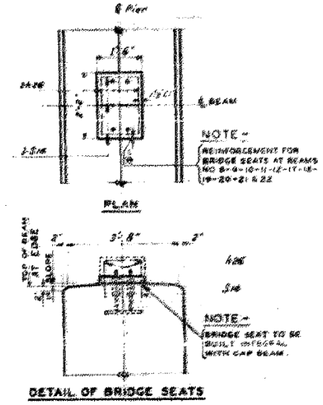
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FOR INFORMATION ONLY







- BILL OF MATERIAL -

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
H1	8	1¼"	33'-9		1		32'-9				1'-5		1'-0½			
H2	8	"	26'-3		1	1'-5	23'-5				1'-5		1'-0½			
H3	8	"	22'-9		1	1'-5	19'-11				1'-5		1'-0½			
H4	4	"	48'-9		2	1'-5	17'-6	6'-6	22'-1		1'-5	4'-7	1'-0½			
H5	4	1¼"	46'-9		2	1'-5	18'-6	6'-6	24'-1		1'-5	4'-7	1'-0½			
H6	4	1"	12'-0		5			18'-0				4½				66'-0
H7	4	1¼"	25'-9		4	1'-5	18'-11½	4'-9½			1'-5	3'-3	1'-0½			
H8	4	"	19'-0		4	1'-5	10'-11	5'-3			1'-5	3'-7	1'-0½			
H9	8	"	36'-0													
H10	6	"	48'-0		3	1'-5	18'-2	8'-9½	21'-2½	5	1'-5	4'-1	1'-0½			
H11	6	"	46'-9		3	1'-5	16'-9	6'-1	24'-1½	4½	1'-5	4'-5	1'-0½			
H12	4	"	14'-1		1	1'-5	12'-8	5'-0½	26'-½	4½	1'-5	6'-2½	1'-0½			
H13	4	"	36'-6		1	1'-5	33'-1						1'-0½			
H14	2	"	44'-9		2	1'-5	15'-2	5'-6½	21'-2½		1'-5	3'-11	1'-0½			
H15	4	"	47'-3		2	1'-5	17'-2	6'-0	21'-3		1'-5	4'-3	1'-0½			
H16	4	"	46'-11		2	1'-5	16'-8	5'-6	22'-0		1'-5	4'-1	1'-0½			
H17	4	"	23'-6		1	1'-5	20'-8				1'-5		1'-0½			
H18	8	"	32'-3		1	1'-5	30'-10						1'-0½			
H19	4	"	32'-9		2	1'-5	2'-6	6'-6	20'-11		1'-5	4'-7	1'-0½			
H21	8	1¼"	30'-9		1	1'-5	27'-11				1'-5		1'-0½			
H22	8	1"	11'-0		5			11'-0				4				66'-0
H23	8	1"	13'-0		5			13'-0				4				86'-0
H24	24	5/8"	41'-6													
H25	4	5/8"	14'-6													
H26	12	1¼"	1'-11													
H27	2	1¼"	7'-6		6		1'-10½	3'-3	1'-10½							
H28	18	5/8"	7'-6								1'-5		1'-0½			
H29	6	1¼"	25'-6		1	1'-5	22'-8				1'-5	8'-2	1'-0½			
H30	4	"	58'-9		2	1'-5	13'-3	11'-6½	25'-6		1'-5		1'-0½			
H31	6	"	28'-0		1	1'-5	26'-1				1'-5		1'-0½			
H32	4	"	46'-8		1	1'-5	44'-10						1'-0½			
H33	6	"	21'-8		1	1'-5	18'-11				1'-5		1'-0½			
H33A	4	"	22'-3		8	1'-5	12'-9	6'-6			1'-5	5'-3	1'-0½			
H35	2	"	55'-3		2	1'-5	6'-0	10'-1½	35'-3½		1'-5	7'-6	1'-0½			
H36	2	"	59'-3		2	1'-5	6'-0	10'-1½	39'-3½		1'-5	7'-6	1'-0½			
H37	4	"	55'-8		1	1'-5	56'-4						1'-0½			
H38	6	"	60'-0		1	1'-5	58'-7						1'-0½			
H39	6	"	50'-0		1	1'-5	47'-2				1'-5		1'-0½			
H40	4	1¼"	52'-0		1	1'-5	49'-2				1'-5		1'-0½			

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
H41	6	1¼"	21'-6		8	1'-5	9'-10	8'-10			1'-5	6'-9	1'-0½			
H42	4	"	54'-6		1	1'-5	53'-1						1'-0½			
H43	2	"	36'-6		1	1'-5	35'-1						1'-0½			
H44	52	5/8"	28'-0													
H45	4	1¼"	30'-6		1	1'-5	29'-1				1'-5		1'-0½			
H46	8	"	20'-6		1	1'-5	19'-8				1'-5		1'-0½			
H47	6	"	15'-0		1	1'-5	14'-2				1'-5		1'-0½			
H48	4	1¼"	38'-6													
S1	24	5/8"	6'-0		6		5'-7½	2'-6	4'-1½							
S2	16	"	10'-3		6		5'-10½	2'-6	4'-1½							
S3	16	"	10'-9		6		6'-4½	2'-6	4'-1½							
S4	8	"	11'-3		6		6'-7½	2'-6	4'-1½							
S5	152	"	12'-9		6		6'-10½	2'-6	4'-1½							
S6	20	"	12'-3		6		5'-11½	2'-6	5'-1½							
S7	20	"	12'-9		6		5'-4½	2'-6	5'-1½							
S8	28	"	13'-3		6		5'-7½	2'-6	5'-1½							
S9	24	"	13'-9		6		5'-11½	2'-6	5'-1½							
S10	24	"	14'-3		6		6'-2½	2'-6	5'-1½							
S11	332	"	7'-0		6		2'-3	2'-6	2'-3							
S12	132	"	6'-9		6		2'-1½	2'-6	2'-1½							
S13	132	5/8"	19'-6		6		8'-6	2'-6	8'-6							
S14	93	1/2"	3'-6		6		1'-1½	1'-3	1'-1½							
E	21	1¼"	11'-0		7									1'-5	3'-0½	
E1	19	1/2"	12'-3		7									1'-5	9'-8	
d	45	1¼"	7'-0								1'-5		1'-0½			
d1	33	1¼"	12'-0								1'-5	8'-2	1'-0½			
V	32	1¼"	15'-6								1'-5		1'-0½			
V1	46	"	14'-6								1'-5		1'-0½			
V2	12	1¼"	11'-6								1'-5		1'-0½			
SP1	2	5/8 @ 3½"	Pitch-44"		Core Dia-13'-6" Long											
SP2	2	5/8 @ 3½"	Pitch-44"		Core Dia-12'-6" Long											

Class "K" Concrete
Reinforcement Bars

299.3 Cu. Yds.
64,960 Lbs.

NOTE :-
All dimensions of bending details are out to out of bars.
Splicing of reinforcement bars to be 33 dia minimum lap.
No design specs shown or considered to the exist sections shown. If work encountering or requiring excessive additional cost

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED - S.A.M.
DRAWN - W.H.T.
CHECKED - S.A.M.
SECTION 062-2424.35 R
SCALE AS NOTED
APPROVED

APPROVED 7-7-1950
M. Cafiero
DISTRICT ENGINEER

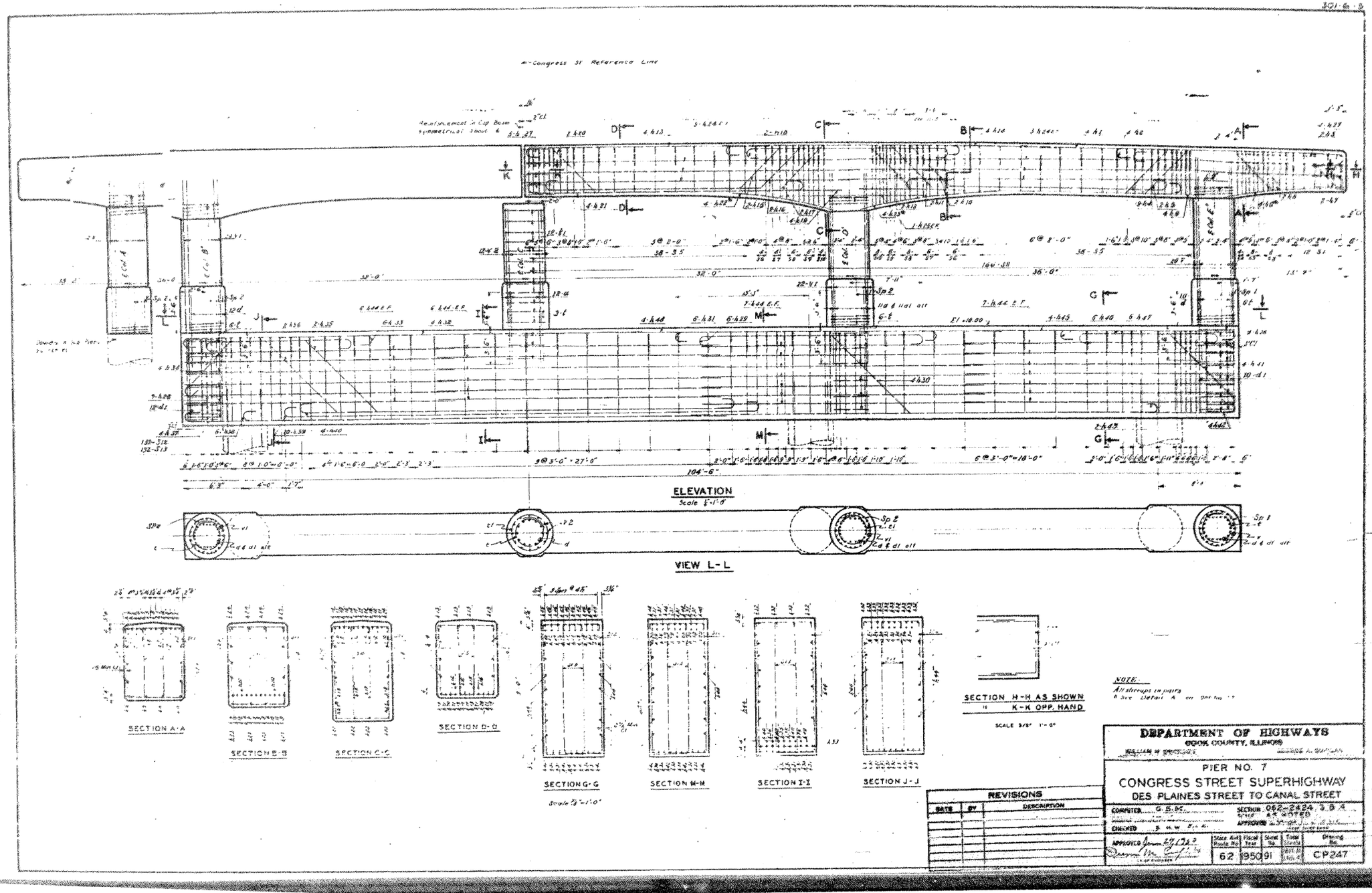
STATE AID ROUTE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	DRAWING NO.
62	1950	90		CP246

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1553
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 AmericasTransportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing549
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FOR INFORMATION ONLY

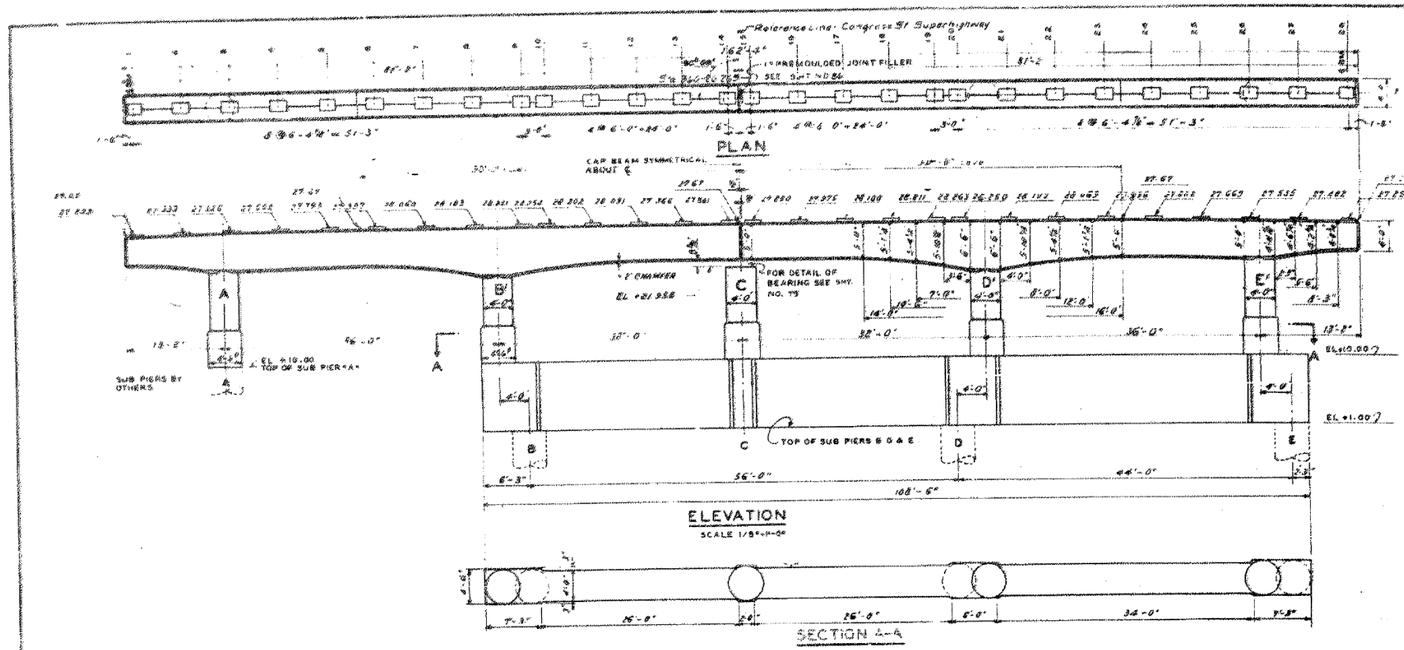


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1554
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing550

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FOR INFORMATION ONLY



-BILL OF MATERIAL-

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
h	38	3/4	28-6													
h1	6	"	22-0													
h2	8	1 3/8	34-6		1	1-5	33-1						1-5		1-0½	
h3	4	"	26-6		1	1-5	23-8				1-5		1-5		1-0½	
h4	4	"	51-9		2	1-5	17-4	6-6	26-6		1-5		4-7		1-0½	
h5	4	"	47-6		2	1-5	15-4	6-6	28-10		1-5		4-7		1-0½	
h6	4	"	28-6		1	1-5	19-8				1-5					
h7	4	"	19-8		4	1-5	11-8	5-8			1-5		3-6		1-0½	
h8	4	"	43-9		3	1-5	13-9	5-8⅛	28-10½	6⅞			4-5½		1-0½	
h9	4	"	48-9		3	1-5	15-9	5-9⅛	25-4⅜	5⅞	1-5		4-1		1-0½	
h10	4	"	58-0		3	1-5	19-9	6-3⅜	23-11	5	1-5		4-5½		1-0½	
h11	4	"	34-0													
h12	4	"	49-5		2	1-5	21-2	6-6	22-3		1-5		4-3		1-0½	
h15	6	"	43-3		2	1-5	17-6	6-6	22-11		1-5		4-3		1-0½	
h16	4	"	21-2		2	1-5	7-5	6-6	6-6		1-5		4-7		1-0½	
h17	6	"	33-9													
h18	4	"	31-0		1	1-5	26-2				1-5				1-0½	
h19	8	"	32-3		1	1-5	30-10								1-0½	
h20	4	"	32-0		1	1-5	29-2				1-5				1-0½	
h21	4	"	34-3		2	1-5	21-0	6-6	26-6				4-7		1-0½	
h22	4	"	28-0		1	1-5	25-2				1-5				1-0½	
h23	8	1¼	24-3		1	1-5	22-10								1-0½	
h24	8	5/8	8-0													
h25	4	1¼	27-3		4	1-5	13-2	5	3		1-5		3-7		1-0½	
h26	8	"	12-0		5			12-0					4½			66-0
h27	8	"	13-0		5			13-0					4			66-0
h28	8	"	11-0		5			11-0					4			66-0
h29	10	"	11-0		5			11-0					4			66-0
h30	4	"	44-6													
h31	4	"	60-0													
h32	8	"	59-3		1	1-5	57-10								1-0½	
h33	10	"	47-6		1	1-5	44-8				1-5				1-0½	
h34	2	"	43-6		1	1-5	40-8				1-5				1-0½	
h35	2	"	57-6		2	1-5	6-9	10-7⅞	37-3½		1-5		7-6		1-0½	
h36	2	"	57-6		2	1-5	6-9	10-7⅛	33-3⅛		1-5		7-6		1-0½	
h37	4	"	46-0													
h38	6	"	41-3		1	1-5	36-5				1-5				1-0½	
h39	10	1¼	37-3		1	1-5	32-5				1-5				1-0½	

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
h40	10	1¼	33-3		1	1-5	28-5						1-5		1-0½	
h41	4	"	48-6		1	1-5	41-1								1-0½	
h42	6	"	20-6		1	1-5	17-8						1-5		1-0½	
h43	2	"	20-0		8	1-5	11-3	5-11					1-5	4-8½	1-0½	
h44	42	5/8	37-6													
h45	18	5/8	7-6		6		1-10½	3-9	1-10½							
h46	20	1/2	1-11													
s	184	5/8	11-3		6		9-7½	2-6	9-7½							
s1	12	"	13-0	"	6		9-3	2-6	9-9							
s2	16	"	13-3	"	6		6-8½	2-6	9-10½							
s3	16	"	12-9	"	6		5-11½	2-6	9-11½							
s4	12	"	13-3	"	6		3-10½	2-6	9-10½							
s5	16	"	13-9	"	6		3-7½	2-6	9-11½							
s6	16	"	14-3	"	6		3-10½	2-6	9-10½							
s7	8	"	11-3	"	6		4-4½	2-6	9-10½							
s8	20	"	10-6	"	6		4-9	2-6	9-9							
s9	16	"	10-9	"	6		3-9	2-6	9-9							
s10	12	"	9-9	"	6		3-9½	2-6	9-9½							
s11	268	"	7-0	"	6		2-3	2-6	2-3							
s12	104	"	13-6	"	6		8-6	2-6	8-6							
s13	104	5/8	6-9	"	6		2-1½	2-6	2-1½							
s14	30	1/2	3-6		6		1-1½	1-3	1-1½							
t	72	1/2	13-0		7								1-5	3-6		
t1	21	1/2	11-0		7								1-5	3-0½		
t2	41	1¼	9-6													
t3	28	"	9-5													
v1	30	1¼	16-6													
v2	40	1¼	15-0													
v3	72	1¼	11-9													

SP1 2 — 9/64 - 3½" PITCH - 44" Core Dia. 13'-0" Long
SP2 2 — " " " - 41" Core Dia. 12'-0" Long

CLASS "SS" CONCRETE — 304.4 CU. YDS.
REINFORCEMENT BARS — 62,506 LBS.

NOTE -
ALL DIMENSIONS OF BENDING DIAGRAMS ARE OUT TO OUT OF BARS
SPLICING OF BARS TO BE 33 DIA. MINIMUM
All bridge seats shall be constructed to the exact elevations shown. If such hammering or grinding is necessary it shall be done at no additional cost.

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED S.S.M. — SECTION 082-2624 SBA
DRAWN S.M.M. J.G. — SCALE AS NOTED
CHECKED S.M.M. S.M.K. — APPROVED

APPROVED — 2,800 AND Above This Item — STRUCTURE NO. 062-2624 — DENOTES No. — TOTAL SHEETS (INCLUDING 31) — DRAWING NO.
62 — 950.92 — 1466.43 — CP248

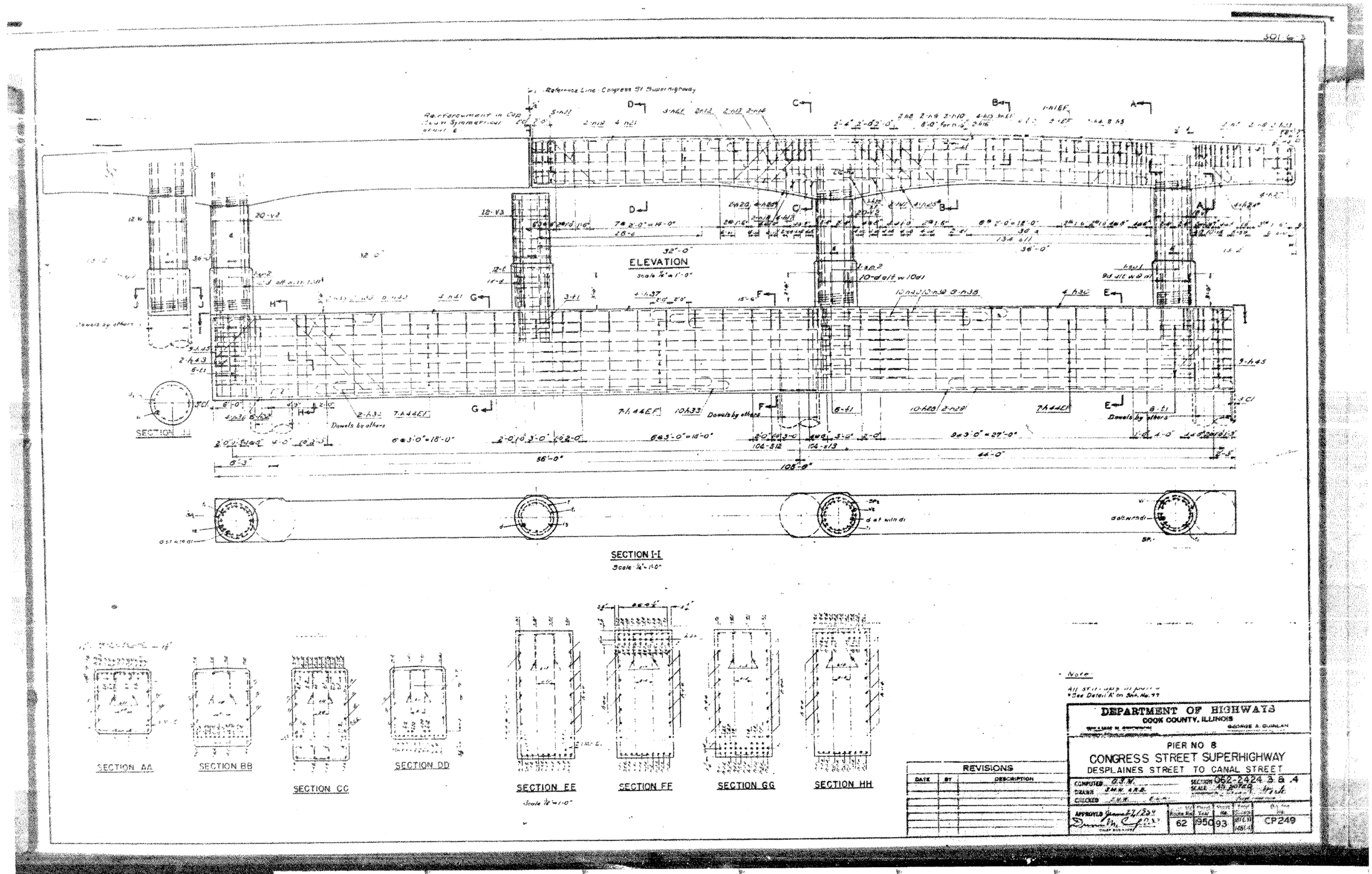
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1555
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

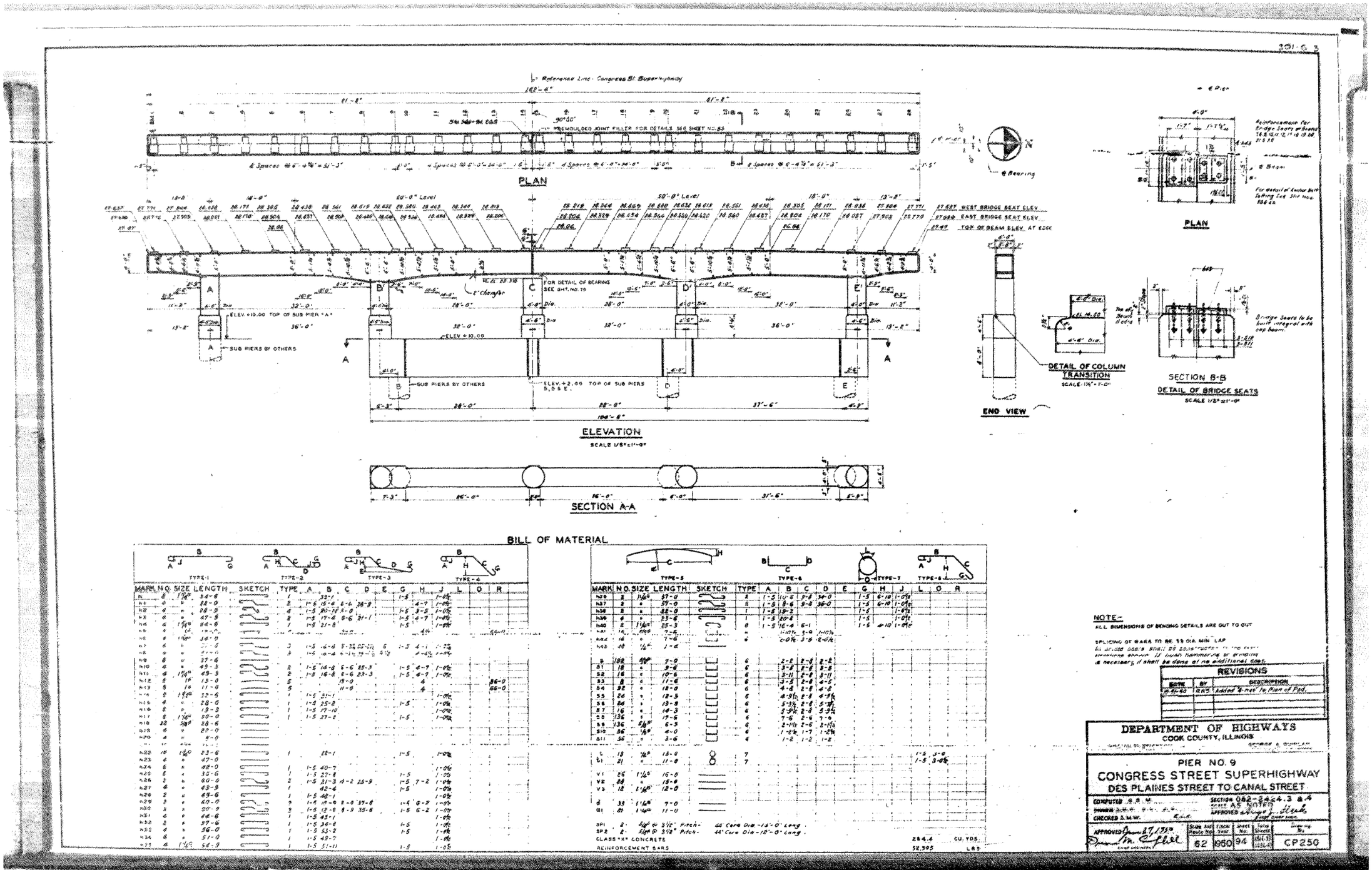
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HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1556
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N	8	1¼	34-6		1		32'-1				1-5			1-0½		
N1	6	"	88-9		3	1-5	16'-8	6'-6	24'-9		1-5	4-7		1-0½		
N2	4	"	88-9		4	1-5	80'-11	6'-0			1-5	3-6		1-0½		
N3	6	"	47-9		3	1-5	17'-6	9'-6	21'-1		1-5	4-7		1-0½		
N4	6	1¼	86-6		1	1-5	21'-8				1-5			1-0½		
N5	8	"	16'-0													
N6	8	1¼	46'-0													
N7	6	"	37'-6		3	1-5	16'-6	8'-3½	22'-11½	6	1-5	4-1		1-2½		
N8	6	"	37'-6		3	1-5	16'-6	8'-3½	22'-11½	6	1-5	4-1		1-2½		
N9	8	"	37-6													
N10	6	"	45-3		2	1-5	16'-8	6'-6	25'-3		1-5	4-7		1-0½		
N11	6	1¼	45-3		2	1-5	16'-8	6'-6	23'-3		1-5	4-7		1-0½		
N12	8	1¼	13-0		5			13'-0				4			26'-0	
N13	8	1¼	11'-0		5			11'-0				4			55'-0	
N14	8	1¼	32-6		1	1-5	31'-1							1-0½		
N15	4	"	28'-0		1	1-5	25'-2				1-5			1-0½		
N16	8	"	19'-3		1	1-5	17'-10							1-0½		
N17	8	1¼	30'-0		1	1-5	27'-2				1-5			1-0½		
N18	32	⅜	28'-6													
N19	6	"	20'-9													
N20	4	"	8'-0													
N21	10	1¼	47'-0													
N22	10	1¼	23'-6		1		22'-1				1-5			1-0½		
N23	4	"	47'-0													
N24	6	"	92'-0		1	1-5	40'-7							1-0½		
N25	6	"	30'-6		1	1-5	27'-8				1-5			1-0½		
N26	2	"	60'-0		2	1-5	21'-3	10'-2	28'-9		1-5	7-2		1-0½		
N27	6	"	93'-9		1		92'-6				1-5			1-0½		
N28	2	"	89'-6		1	1-5	40'-1							1-0½		
N29	2	"	60'-0		3	1-5	17'-6	11'-0	27'-6		1-5	6-2		1-0½		
N30	3	"	30'-9		2	1-5	12'-0	9'-9	35'-6		1-5	6-2		1-0½		
N31	6	"	44'-6		1	1-5	43'-1							1-0½		
N32	2	"	27'-6		1	1-5	26'-6				1-5			1-0½		
N33	4	"	56'-0		1	1-5	53'-2				1-5			1-0½		
N34	6	"	51'-0		1	1-5	49'-7							1-0½		
N35	6	1¼	56'-9		1	1-5	51'-11				1-5			1-0½		

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N36	2	1¼	67'-0		2	1-5	10'-6	9'-6	34'-0		1-5	6-10		1-0½		
N37	2	"	77'-0		2	1-5	8'-6	9'-6	46'-0		1-5	6-10		1-0½		
N38	2	"	28'-0		1	1-5	23'-5				1-5			1-0½		
N39	4	"	23'-6		1	1-5	20'-6				1-5			1-0½		
N40	2	1¼	25'-3		8	1-5	16'-4	6'-1			1-5	4-10		1-0½		
N41	14	⅝	7'-6		8		1'-10½	5'-9	1'-10½							
N42	14	"	7'-6		8		2'-0½	5'-5	2'-0½							
N43	28	⅝	1'-6													
S	192	⅝	7'-0		6		2'-8	2'-4	2'-8							
S1	18	"	9'-6		6		3'-4	2'-4	3'-8							
S2	18	"	10'-6		6		3'-11	2'-4	3'-11							
S3	8	"	11'-6		6		3'-2	2'-8	4'-5							
S4	32	"	18'-0		6		4'-6	2'-8	4'-8							
S5	26	"	12'-3		6		4'-9½	2'-8	4'-9½							
S6	26	"	13'-9		6		5'-3½	2'-8	5'-3½							
S7	16	"	14'-3		6		5'-5½	2'-8	5'-5½							
S8	136	"	17'-6		6		7'-0	2'-8	7'-0							
S9	136	⅝	6'-3		6		2'-1½	2'-6	2'-1½							
S10	36	⅜	4'-0		6		1'-2½	1'-7	1'-2½							
S11	36	"	3'-6		6		1'-2	1'-2	1'-2							
C	18	⅜	18'-0		7									1'-5	5'-8	
C1	21	"	11'-8		7									1'-5	3'-0½	
V1	25	1¼	16'-0													
V2	28	"	15'-8													
V3	12	1¼	12'-0													
d	33	1¼	7'-0													
G1	21	1¼	11'-0													

SP1 2: 54" ø 3½" Pitch - 44 Core Dia -15'-0" Long.
SP2 2: 54" ø 3½" Pitch - 44" Core Dia -18'-0" Long.
CLASS "X" CONCRETE 284.4 CU. YDS.
REINFORCEMENT BARS 52,395 LBS.

NOTE -
ALL DIMENSIONS OF BENDING DETAILS ARE OUT TO OUT
SPLICING OF BARS TO BE 33 DIA. MIN. LAP
ALL STEEL USED SHALL BE CONSTRUCTED TO THE EXACT DIMENSIONS SHOWN. IF WHEN FABRICATING OR ERECTING IS NECESSARY, IT SHALL BE DONE AT NO ADDITIONAL COST.

REVISIONS		
DATE	BY	DESCRIPTION
10-31-60	RHS	Added 6-inch To Plan of Pad.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED S.B.M. SECTION 062-2&4.3 & 4
DRAWN S.M.M. S.M.M. SCALE AS NOTED
CHECKED S.M.W. R.H.R. APPROVED Chief Engineer
APPROVED Dec 27, 1960 Chief Engineer

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	94	1564-1 1564-2	CP250

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HBM ENGINEERING GROUP, LLC

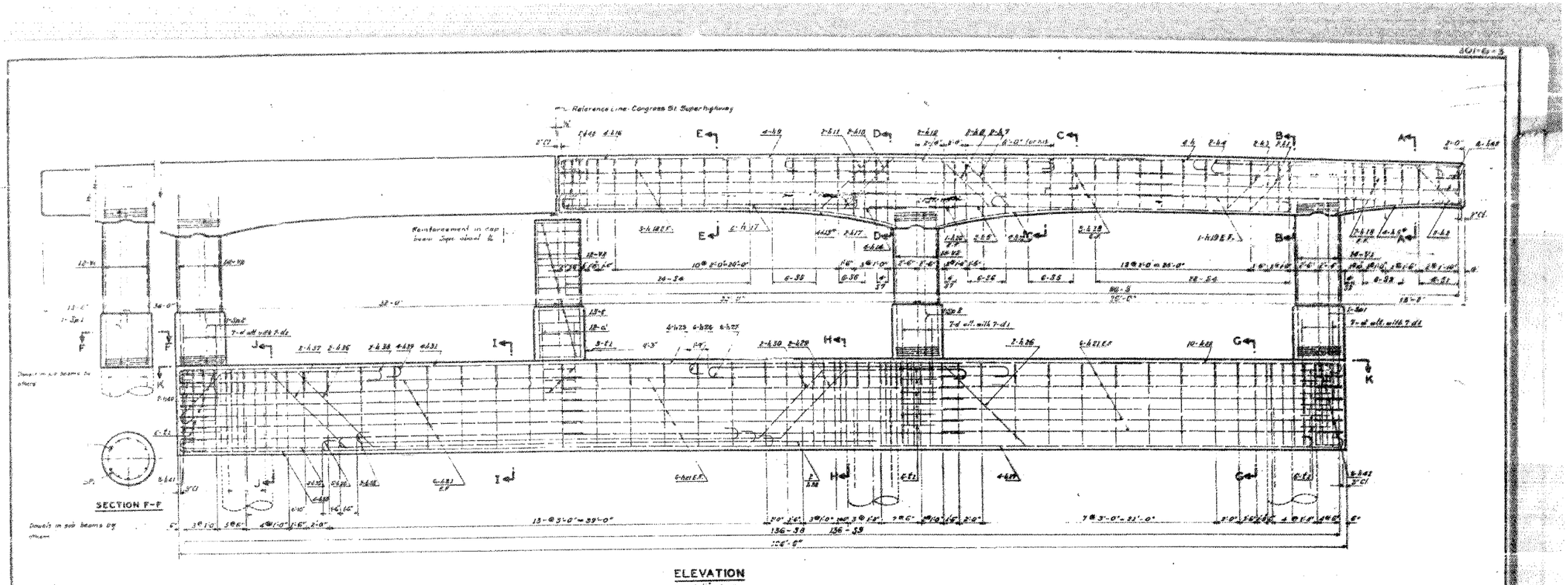
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		CHECKED -		REVISED -	
PLOT SCALE = N.T.S		DRAWN -		REVISED -	
PLOT DATE = 7/26/2018		CHECKED - MI, MAI		REVISED -	

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	1557
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION

NOTE :-
*See Detail "A" on Sht. No. 77.
ALL STIRRUPS IN PAIRS.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. FINNERTY — GEORGE A. GUNCLAR

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

COMPUTED: S.A.M. — SECTION 062-2424 SB.4
DRAWN: S.A.M. — SCALE AS NOTED
CHECKED: S.A.M. — APPROVED

STRUCT. BRANCH	DIST.	COUNTY	TOTAL SHEET NO.	CONTRACT NO.
62	1950	95	(SH.14) (SH.15)	CP251

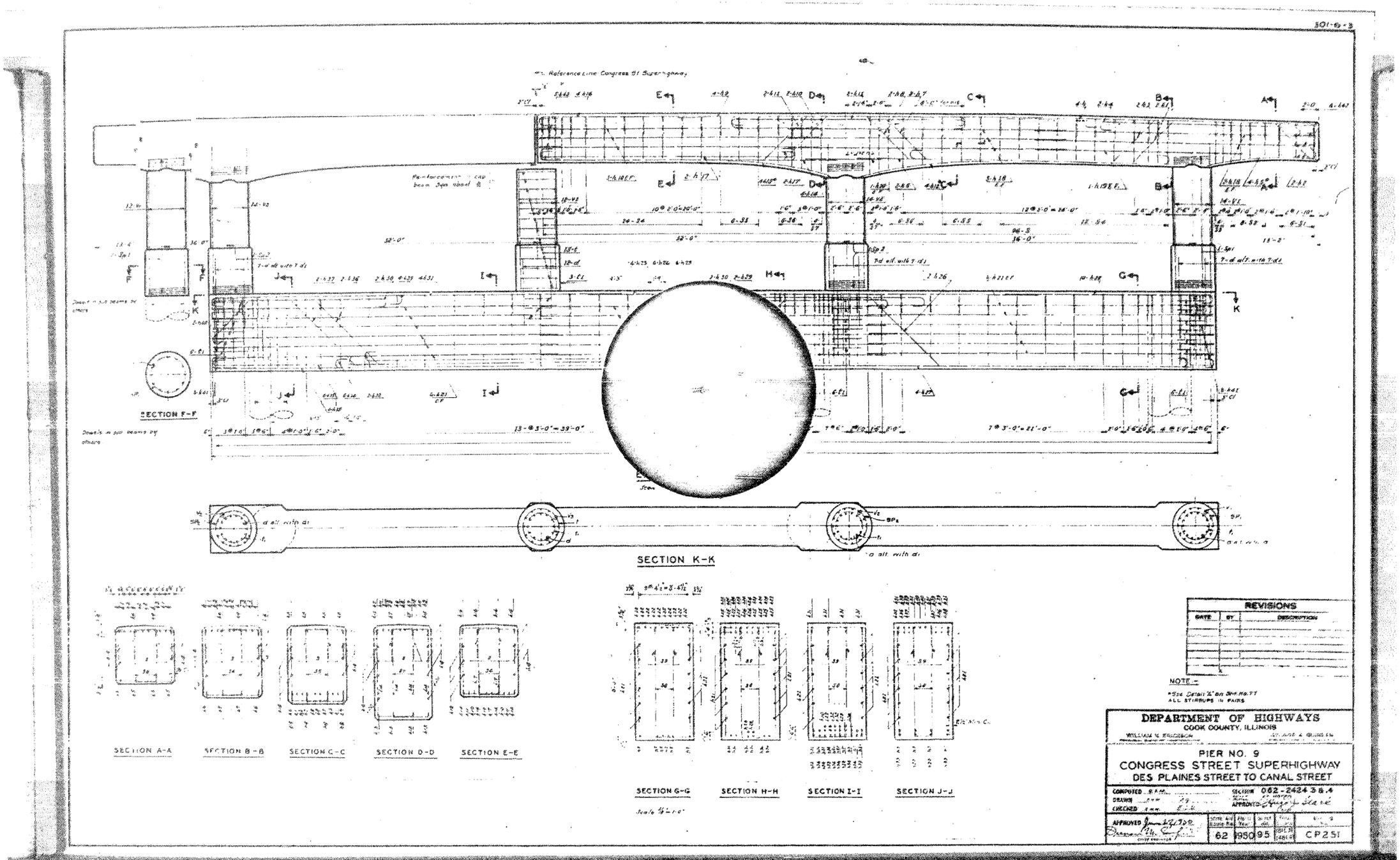
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1558
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing554
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FOR INFORMATION ONLY

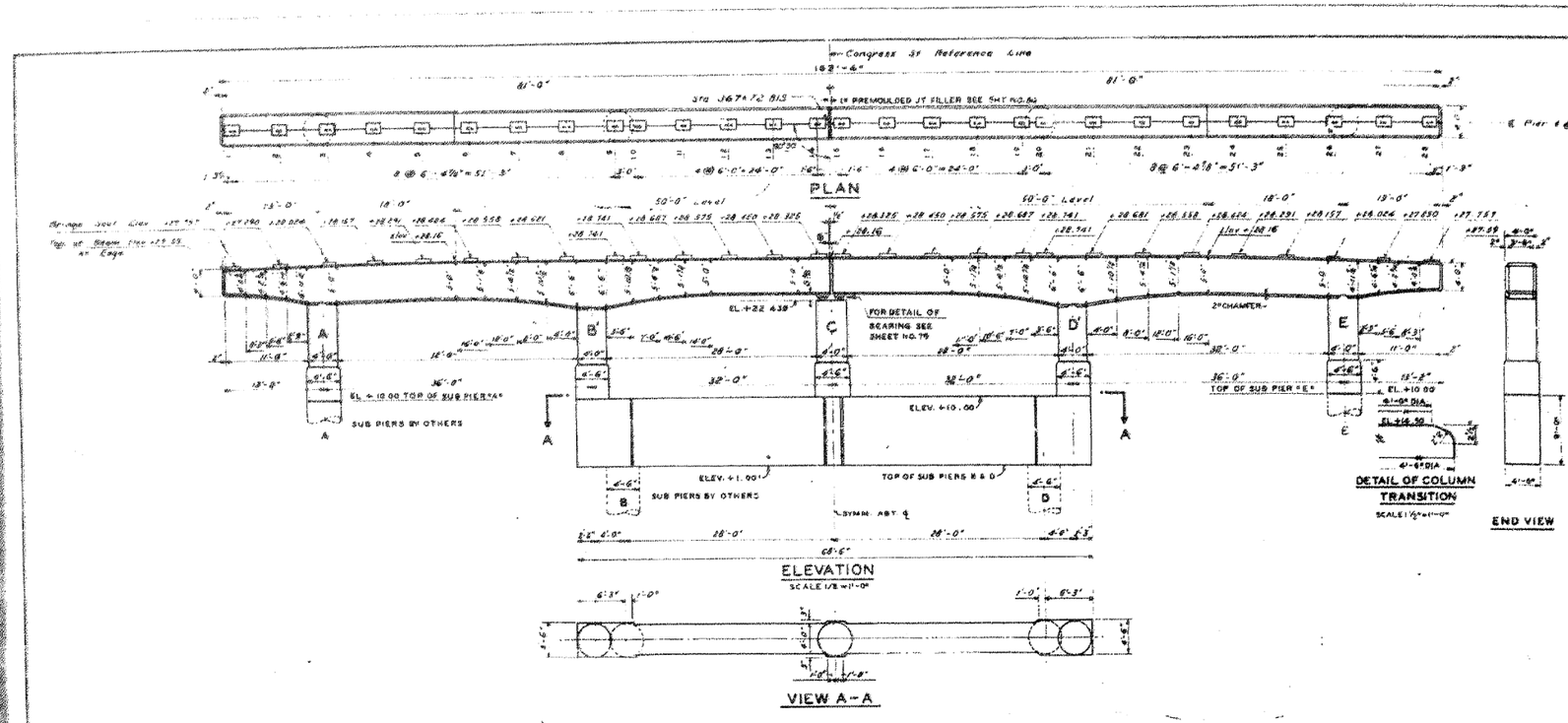


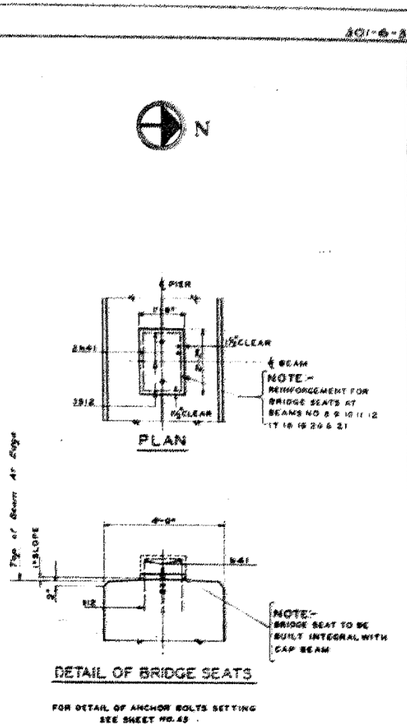
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1559
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CircleIPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing555
1:56:31 PM

FOR INFORMATION ONLY





FOR DETAIL OF ANCHOR BOLTS SETTING SEE SHEET NO. 45

SCALE 1/2"=1'-0"

-BILL OF MATERIAL-

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N1	6	1¼"	34-6		1	1-5	33-1						1-09½			
N2	4	"	29-0		1	1-5	26-2				1-5		1-09½			
N3	4	"	32-6		2	1-5	15-4	4-6	29-3			4-7	1-09½			
N4	4	"	52-6		2	1-5	17-6	6-6	27-3			4-7	1-09½			
N5	4	"	47-3		2	1-5	13-4	6-0	19-1		1-5	6-3	1-09½			
N6	4	"	24-6		1	1-5	21-8				1-5		1-09½			
N7	4	"	27-6		4	1-5	19-10⅝	4-9⅛			1-5	3-3	1-09½			
N8	4	"	30-6		4	1-5	12-6	5-2			1-5	3-6	1-09½			
N9	4	"	54-11													
N10	8	"	51-0		3	1-5	9-6	5-10	21-10	5½	1-5	4-1½	1-09½			
N11	4	"	50-6		3	1-5	16-6	6-9¾	25-6½	6¾	1-5	6-1	1-09½			
N12	4	"	51-2		3	1-5	9-6	5-10	21-10	5½	1-5	4-1½	1-09½			
N13	8	"	38-6													
N14	4	"	49-0		2	1-5	18-1	6-0	22-1		1-5	6-3	1-09½			
N15	4	"	49-9		2	1-5	20-1	6-0	20-1		1-5	6-3	1-09½			
N16	8	"	30-3		1	1-5	23-5				1-5		1-09½			
N17	4	"	49-0		2	1-5	14-7	6-0	25-7		1-5	6-3	1-09½			
N18	12	"	32-6		1	1-5	31-1						1-09½			
N19	4	"	33-5		2	1-5	4-3	6-6	19-8		1-5	4-7	1-09½			
N20	4	"	33-3		2	1-5	2-3	6-6	21-8		1-5	4-7	1-09½			
N21	8	1¼"	18-3		1	1-5	16-10						1-09½			
N22	8	5/8"	14-0													
N23	24	"	35-6													
N24	18	"	9-6		6		2-09	3-6	2-09							
N25	12	"	7-6		6		1-09	2-0	1-09							
N26	4	"	12-0													
N27	20	5/8"	35-6													
N28	2	1¼"	52-6		1	1-5	49-8				1-5		1-09½			
N29	6	1"	13-0		5			12-0				4½			66-0	
N30	8	"	13-0		5			13-0				4			86-0	
N31	6	1"	11-0		5			11-0				4			66-0	
N32	8	1¼"	37-6		1	1-5	36-1						1-09½			
N33	4	"	13-0		6	1-5	12-0	3-06			1-5	2-6	1-09½			
N34	4	"	19-6		8	1-5	9-7	7-1			1-5	5-6	1-09½			
N35	6	"	18-0		1	1-5	15-2				1-5		1-09½			
N36	4	"	60-0		2	1-5	7-0	10-7	39-7		1-5	7-6	1-09½			
N37	4	"	60-0		2	1-5	11-0	10-7	35-7		1-5	7-6	1-09½			
N38	2	1¼"	60-0													

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N39	2	1¼"	48-3		1	1-5	45-11				1-5		1-09½			
N40	10	"	54-3		1	1-5	51-11				1-5		1-09½			
N41	20	⅞"	1-11													
N42	8	⅝"	6-0													
V1	12	1¼"	12-3													
V2	18	"	17-8													
V3	18	"	15-0													
V4	24	"	16-6													
d1	18	1¼"	2-0													
d2	30	"	7-0													
s	256	5/8"	7-0		6		2-3	2-6	2-3							
S1	128	"	11-8		6		4-7½	2-6	4-7½							
S2	24	"	12-0		6		4-9	2-6	4-9							
S3	24	"	12-9		6		5-1½	2-6	5-1½							
S4	20	"	13-9		6		5-7½	2-6	5-7½							
S5	18	"	14-3		6		5-10½	2-6	5-10½							
S6	8	"	11-3		6		4-4½	2-6	4-4½							
S7	18	"	10-6		6		4-0	2-6	4-0							
S8	16	"	10-9		6		3-9	2-6	3-9							
S9	16	"	9-6		6		3-6	2-6	3-6							
S10	78	"	13-6		6		8-6	2-6	8-6							
S11	78	5/8"	6-9		6		2-Mi	2-6	2-Me							
S12	30	1/2"	3-6		6		1-09	1-6	1-09							
t	13	½"	11-0	8	7											
t1	13	½"	13-8		7											
SP1	2	5/8"	@ 3½" Pitch = 44"		Core Dia = 13-6" Long											
SP2	2	5/8"	@ 3½"		" " 12-6 "											

CLASS "A" CONCRETE
REINFORCEMENT BARS

231.2 CU. YDS.
85,561 LBS.

NOTE:-
ALL DIMENSIONS OF BENDING DETAILS ARE OUT TO OUT OF BARS
SPLICING OF REINFORCEMENT BARS TO BE 33 DIAMETER MECHANICAL LAP.
All bridge seats shall be constructed to the exact elevations shown. If bush hammering or grinding is necessary, it shall be done at no additional cost.

REVISIONS		
DATE	BY	DESCRIPTION
10-31-80	R.W.S.	Type 4 Reinf. Det.

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

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

COMPUTED — CHECKED — APPROVED — SECTION 062-2424.3 & 4 — SCALE AS NOTED — APPROVED

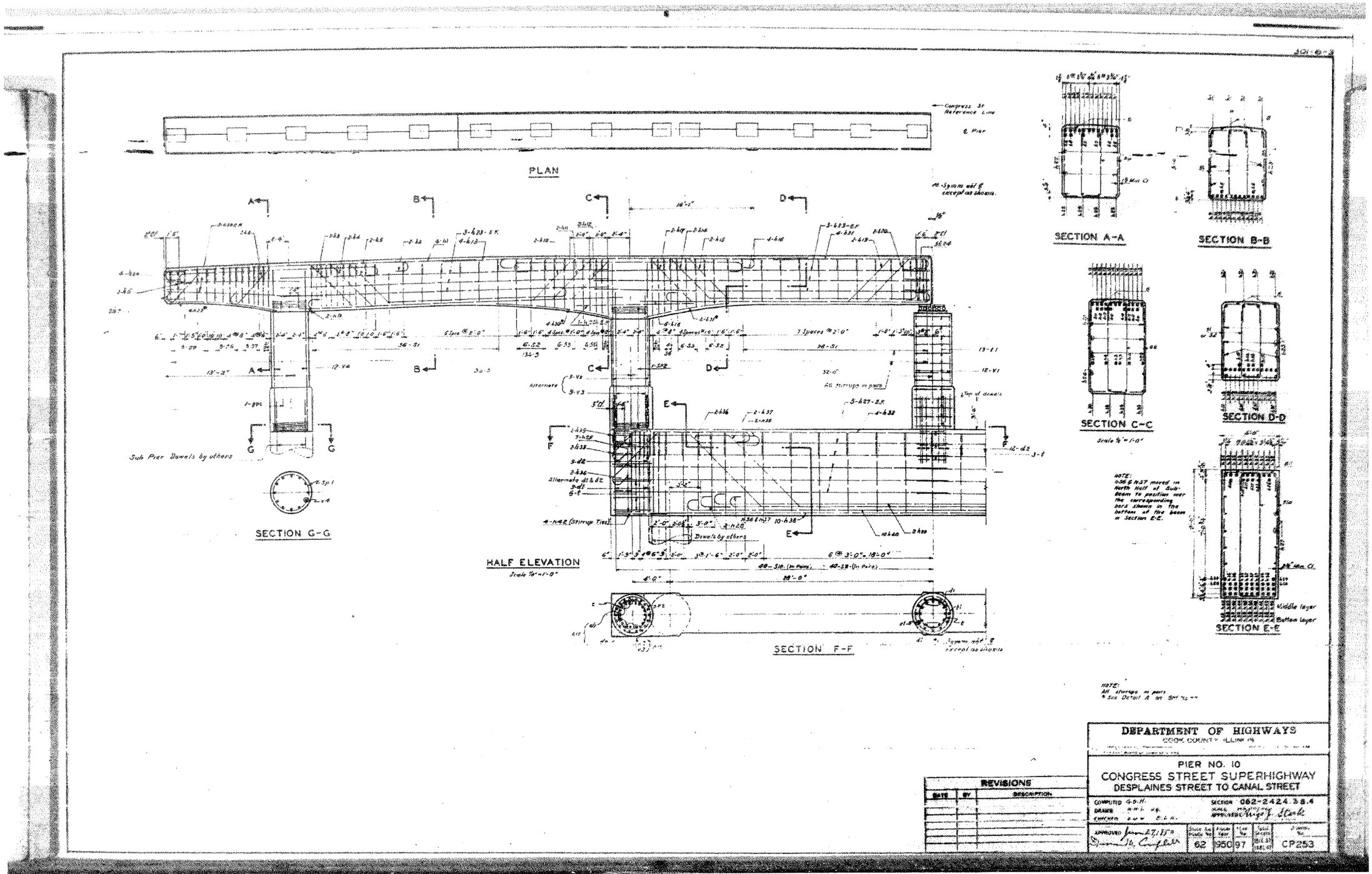
APPROVED	State Job No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	96	1561	1972	CP252

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1560
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local\AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing556
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FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS

PIER NO. 10
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

COMPUTED G.S.H. SECTION 062-2424.38.4
DRAWN M.M.I. M.K. SCALE AS INDICATED
CHECKED D.W.W. E.L.K. APPROVED Hugo J. Clark

APPROVED June 27, 1950 — Director of Highways

STATE SHEET NO.	FISCAL YEAR	ITEM NO.	SECT. NO. (ILL.) (ARE.)	F.A.P. NO.
62	1950	97		CP253

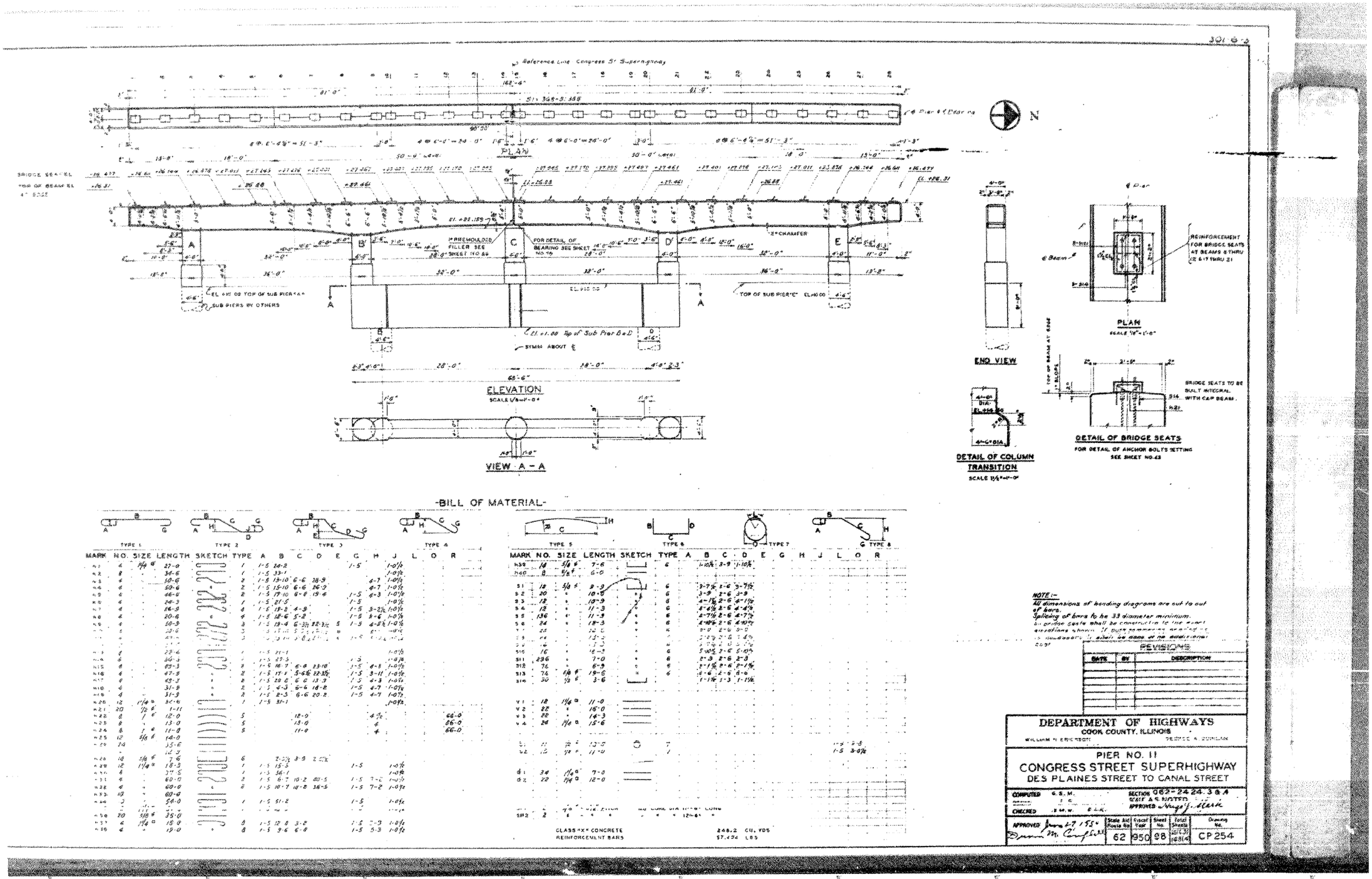
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1561
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY



-BILL OF MATERIAL-

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
M1	4	1¼ ▯	27-0		1	1-5	26-2				1-5		1-0½			
M2	8	"	34-6		1	1-5	33-1						1-0½			
M3	4	"	50-6		2	1-5	13-10	6-6	28-9			4-7	1-0½			
M4	4	"	50-6		2	1-5	15-10	6-6	26-9			4-7	1-0½			
M5	4	"	46-6		2	1-5	17-10	6-6	19-6		1-5	4-3	1-0½			
M6	4	"	24-3		1	1-5	21-5				1-5		1-0½			
M7	4	"	46-3		2	1-5	19-5	4-3			1-5	3-2½	1-0½			
M8	4	"	20-6		4	1-5	18-6	5-2			1-5	3-6	1-0½			
M9	4	"	50-3		3	1-5	13-4	6-3½	22-3½	5	1-5	4-8½	1-0½			
M10	4	"	50-6		3	1-5	15-4	6-3½	20-3½	5	1-5	4-8½	1-0½			
M11	4	"	23-6		1	1-5	21-1						1-0½			
M12	8	"	46-3		1	1-5	27-5				1-5		1-0½			
M13	8	"	85-3		3	1-5	16-7	6-8	23-10		1-5	6-8	1-0½			
M14	4	"	67-5		2	1-5	17-1	5-6½	22-3½		1-5	3-11	1-0½			
M15	8	"	63-2		2	1-5	20-6	6-6	13-3		1-5	4-3	1-0½			
M16	4	"	31-8		2	1-5	4-3	5-6	18-2		1-5	4-7	1-0½			
M17	4	"	31-9		2	1-5	2-3	5-6	20-2		1-5	4-7	1-0½			
M18	12	1¼ ▯	34-6		1	1-5	31-1						1-0½			
M19	20	⅞ ▯	1-11													
M20	8	1 ▯	12-0		5				12-0			4½				66-0
M21	8	"	13-0		5				13-0			4				66-0
M22	8	1 ▯	11-9		5				11-9			4				
M23	12	⅝ ▯	14-0													
M24	24		35-6													
M25			12-2													
M26	10	⅝ ▯	7-6		6		2-2½	3-9	2-2½					1-5	2-3	
M27	12	1¼ ▯	18-3		1	1-5	15-5				1-5		1-0½			
M28	6		27-5		1	1-5	26-1						1-0½			
M31	4		60-0		2	1-5	6-7	10-2	40-5		1-5	7-2	1-0½			
M32	4	"	60-0		2	1-5	10-7	10-2	36-5		1-5	7-2	1-0½			
M33	10	"	62-6													
M34	2	"	58-0		1	1-5	51-2				1-5		1-0½			
M35	20	⅝ ▯	35-0													
M37	6	1¼ ▯	18-0		8	1-5	12-0	3-2			1-5	7-3	1-0½			
M38	4	"	19-0		8	1-5	9-6	6-0			1-5	5-3	1-0½			

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
M39	18	⅝ ▯	7-6		6	1-10½	3-9	1-10½								
M40	8	⅝ ▯	6-0													
S1	18	⅝ ▯	9-9		6	3-7½	2-6	3-7½								
S2	20	"	10-6		6	3-9	2-6	3-9								
S3	12	"	10-9		6	4-1½	2-6	4-1½								
S4	12	"	11-3		6	4-4½	2-6	4-4½								
S5	136	"	11-9		6	4-7½	2-6	4-7½								
S6	24	"	12-3		6	4-10½	2-6	4-10½								
S7	25	"	12-6		6	5-0	2-6	5-0								
S9	66	"	13-3		6	5-2½	2-6	5-2½								
S10	16	"	13-3		6	5-2½	2-6	5-2½								
S11	236	"	7-0		6	2-3	2-6	2-3								
S12	76	"	6-9		6	2-1½	2-6	2-1½								
S13	76	⅛ ▯	19-6		6	6-6	2-6	6-6								
S14	30	⅛ ▯	3-6			1-1½	1-3	1-1½								
W1	18	1¼ ▯	11-0													
W2	22	"	16-0													
W3	22	"	14-3													
W4	24	1¼ ▯	15-6													
C1	11	½ "	13-0		7									1-4	2-8	
C2	12	⅝ "	11-0		7									1-5	3-0½	
d1	34	1¼ ▯	7-0													
d2	22	1¼ ▯	12-0													
282	2															

CLASS "X" CONCRETE — 248.2 CU. YDS
REINFORCEMENT BARS — 57,474 LBS

NOTE:-
All dimensions of bending diagrams are out to out of bars.
Splicing of bars to be 33 diameter minimum.
In bridge seats shall be constructed to the exact dimensions shown. If such dimensions are changed by Engineer, it shall be done at no additional cost.

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. ERICKSON — THOMAS A. DOMINICK

PIER NO. 11
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED C.S.M. — SECTION 063-2424.3 & A
DRAWN T.C. — SCALE 1/8 INCH
CHECKED J.M.W. R.L.K. — APPROVED Nagaj L. Clark

APPROVED June 29 / 1954 — Duane M. Campbell

Scale Add'l Plans No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	950	98	1972	CP254

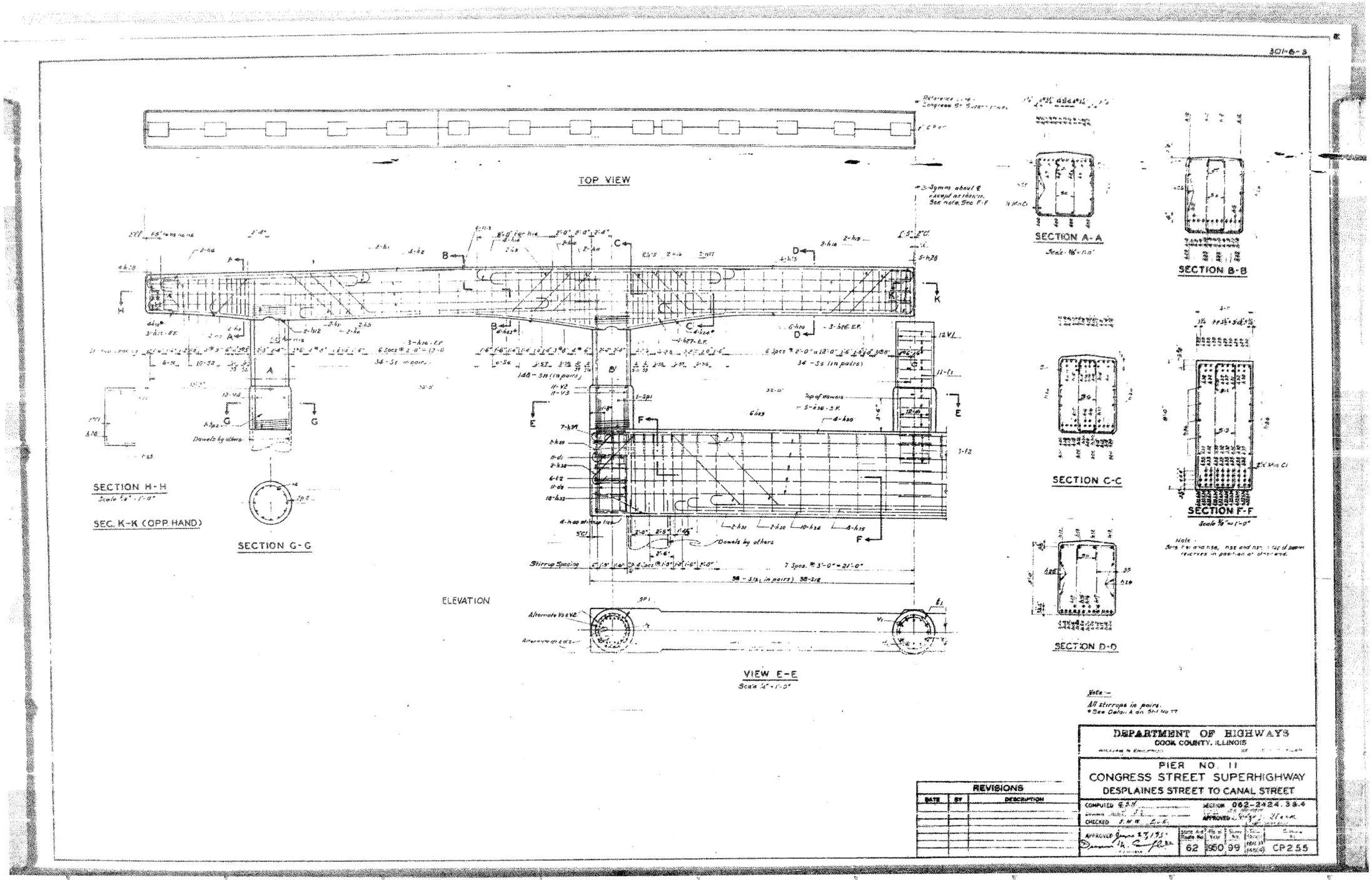
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1562
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED G.S.H. SECTION 062-2424.38.4
DRAWN M.A. APPROVED C. Kinsey
CHECKED S.M.W.

APPROVED June 27, 1951
Director of Highways

STATE ACT. Route No.	Sheet No.	Sheet Total	Sheet No.
62	950	99	CP255

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

HBM ENGINEERING GROUP, LLC

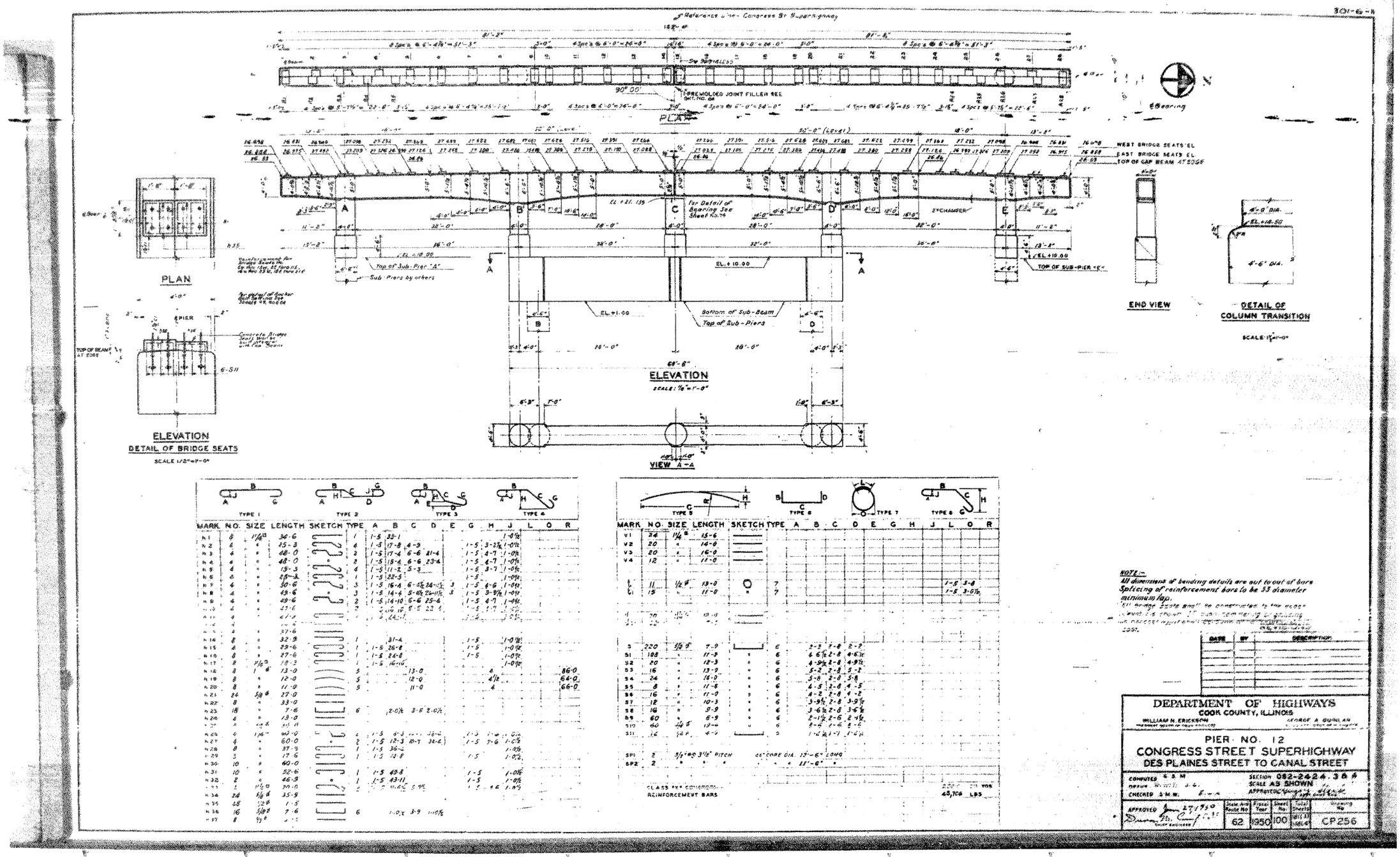
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1563
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structural\Structure_016-1718\Existing Plans\016046-60X93-SXX-Existing559
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FOR INFORMATION ONLY



MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N 1	8	1 1/8 S	36'-6		1	1'-5	32'-1						1'-0½			
N 2	4	"	25'-3		4	1'-5	17'-8	4'-3			1'-5	3'-2½	1'-0½			
N 3	4	"	48'-0		2	1'-5	17'-4	6'-6	21'-4		1'-5	4'-7	1'-0½			
N 4	4	"	48'-0		2	1'-5	15'-6	6'-6	23'-6		1'-5	4'-7	1'-0½			
N 5	4	"	19'-3		6	1'-5	11'-2	5'-3			1'-5	3'-7	1'-0½			
N 6	4	"	46'-3		1	1'-5	22'-5				1'-5		1'-0½			
N 7	4	"	30'-6		3	1'-5	16'-4	6'-4½	24'-11½	3	1'-5	6'-6	1'-0½			
N 8	4	"	49'-6		3	1'-5	14'-4	6'-4½	24'-11½	3	1'-5	3'-9½	1'-0½			
N 9	4	"	48'-6		2	1'-5	14'-10	6'-6	25'-6		1'-5	4'-7	1'-0½			
N 10	4	"	27'-6		2	1'-5	10'-10	5'-5	22'-1		1'-5	3'-7	1'-0½			
N 11	4	"	47'-3		1	1'-5	44'-1				1'-5		1'-0½			
N 12	4	"	44'-0													
N 13	4	"	37'-6													
N 14	8	"	32'-9		1		31'-4				1'-5		1'-0½			
N 15	4	"	29'-6		1	1'-5	26'-8				1'-5		1'-0½			
N 16	8	"	27'-6		1	1'-5	24'-8				1'-5		1'-0½			
N 17	8	1 1/8 S	18'-3		1	1'-5	16'-10						1'-0½			
N 18	8	1 "	13'-0		5			13'-0			4					86'-0
N 19	8	"	12'-0		5			12'-0			4½					64'-0
N 20	8	"	11'-0		5			11'-0			4					66'-0
N 21	24	⅝ S	27'-0													
N 22	8	"	33'-0													
N 23	18	"	7'-6		6	2'-0½	3'-5	2'-0½								
N 24	4	"	23'-0													
N 25	4	"	51'-0													
N 26	4	1 1/8 S	60'-0		4	1'-5	6'-3	[illegible]	32'-6		1'-5	7'-6	1'-0½			
N 27	4	"	60'-0		2	1'-5	12'-3	10'-7	34'-6		1'-5	7'-6	1'-0½			
N 28	8	"	37'-3		1	1'-5	36'-4						1'-0½			
N 29	5	"	17'-6		1	1'-5	14'-8				1'-5		1'-0½			
N 30	10	"	60'-0													
N 31	10	"	52'-6		1	1'-5	40'-8				1'-5		1'-0½			
N 32	2	"	46'-9		1	1'-5	43'-11				1'-5		1'-0½			
N 33	2	1 1/2 S	20'-0		2	1'-5	11'-6½	5'-9½			1'-5	4'-6	1'-0½			
N 34	24	⅝ S	35'-9													
N 35	48	½ S	1'-5													
N 36	16	⅝ S	7'-6		6	1'-0½	3'-9	1'-0½								
N 37	8	⅝ S	[illegible]													

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
V 1	24	1¼ S	15'-6													
V 2	20	"	14'-0													
V 3	20	"	16'-0													
V 4	12	"	11'-0													
L	11	½ S	13'-0	O	7									1'-5	3'-0	
L1	15	"	11'-0	"	7									1'-5	3'-0½	
H	20	⅝ S	10'-0													
H1	20	"	7'-0													
S	220	⅝ S	7'-9		6	2'-3	1'-8	2'-2								
S1	188	"	11'-5	"	6	6 6½	2'-8	4'-6½								
S2	20	"	12'-3	"	6	4'-9½	2'-8	4'-9½								
S3	16	"	13'-9	"	6	5'-2	2'-8	5'-2								
S4	24	"	16'-0	"	6	5'-8	2'-0	5'-8								
S5	8	"	11'-6	"	6	4'-5	2'-8	4'-5								
S6	16	"	11'-0	"	6	4'-2	2'-8	4'-2								
S7	12	"	10'-3	"	6	3'-9½	2'-8	3'-9½								
S8	16	"	9'-9	"	6	3'-6½	2'-8	3'-6½								
S9	60	"	8'-9	"	6	2'-11½	2'-6	2'-11½								
S10	140	⅝ S	13'-0	"	6	5'-5	2'-6	5'-5								
S11	12	½ P	4'-0		5	1'-2½	1'-7	1'-2½								
SP1	2	⅝"ø 3½" PITCH		66" CORE DIA. 13'-6" LONG												
SP2	2	" " "		" " " 11'-6"												

CLASS 4X4 CONCRETE REINFORCEMENT BARS

253.7 CU YDS
43,706 LBS

NOTE:
All dimensions of bending details are out to out of bars
Splicing of reinforcement bars to be 53 diameter minimum lap.
All bridge seats shall be constructed to the proper grade and to the correct horizontal alignment before the concrete is placed and shall be considered in the cost.

DATE	BY	DESCRIPTION

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

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

COMPUTED S.M. — SECTION 062-2424.3&4
DRAWN W.W.H. J.G. — SCALE AS SHOWN
CHECKED S.M.W. E.M.A. — APPROVED 4/14/50

APPROVED [signature] 4/14/50
DIVISION ENGINEER

State Aid Route No.	Project Year	Sheet No.	Total Sheets	Drawing No.
62	1950	100	1464	CP 256

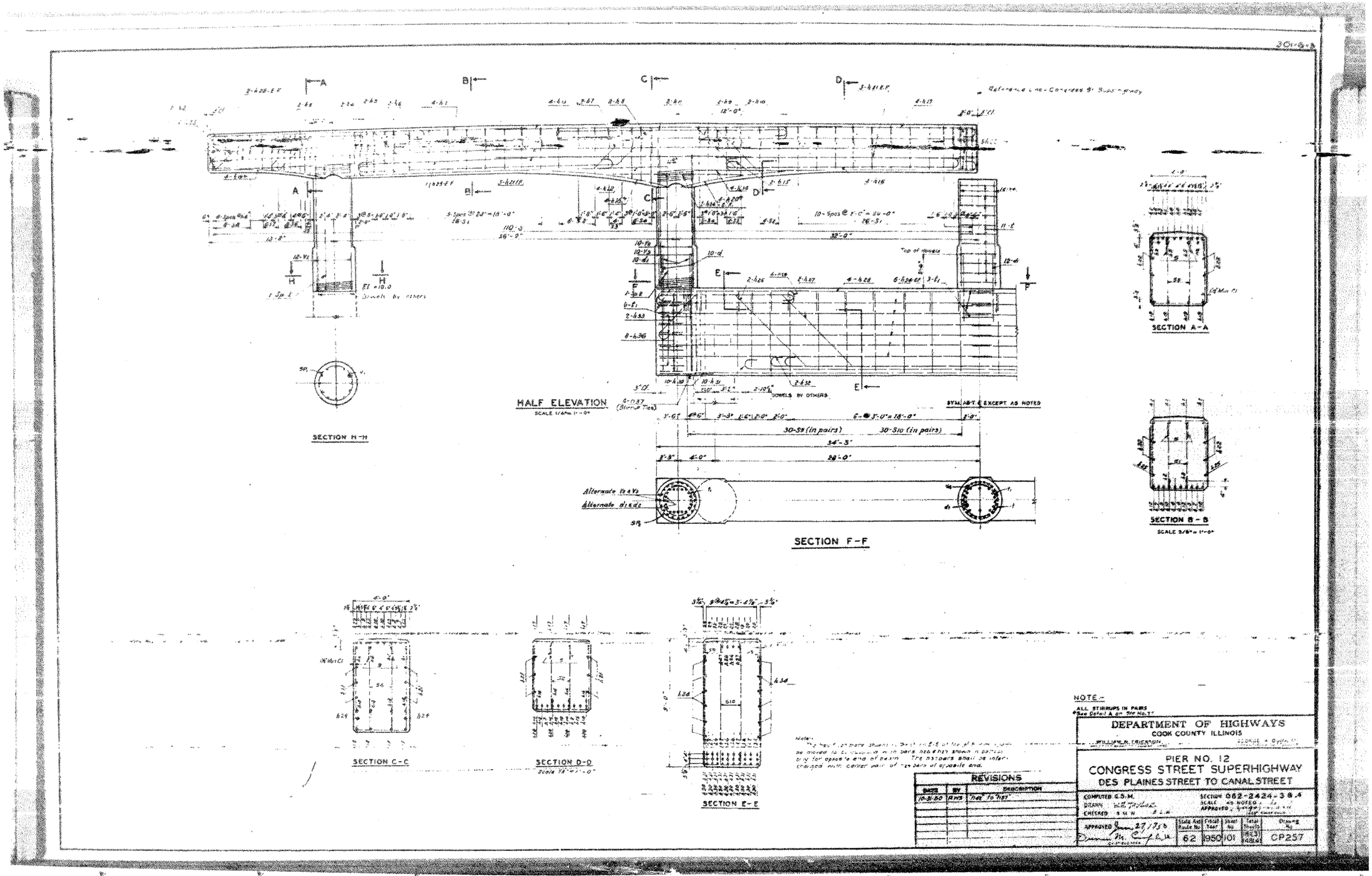
FILE NAME: pw:\\Chicago-pwint.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing560
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1564
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

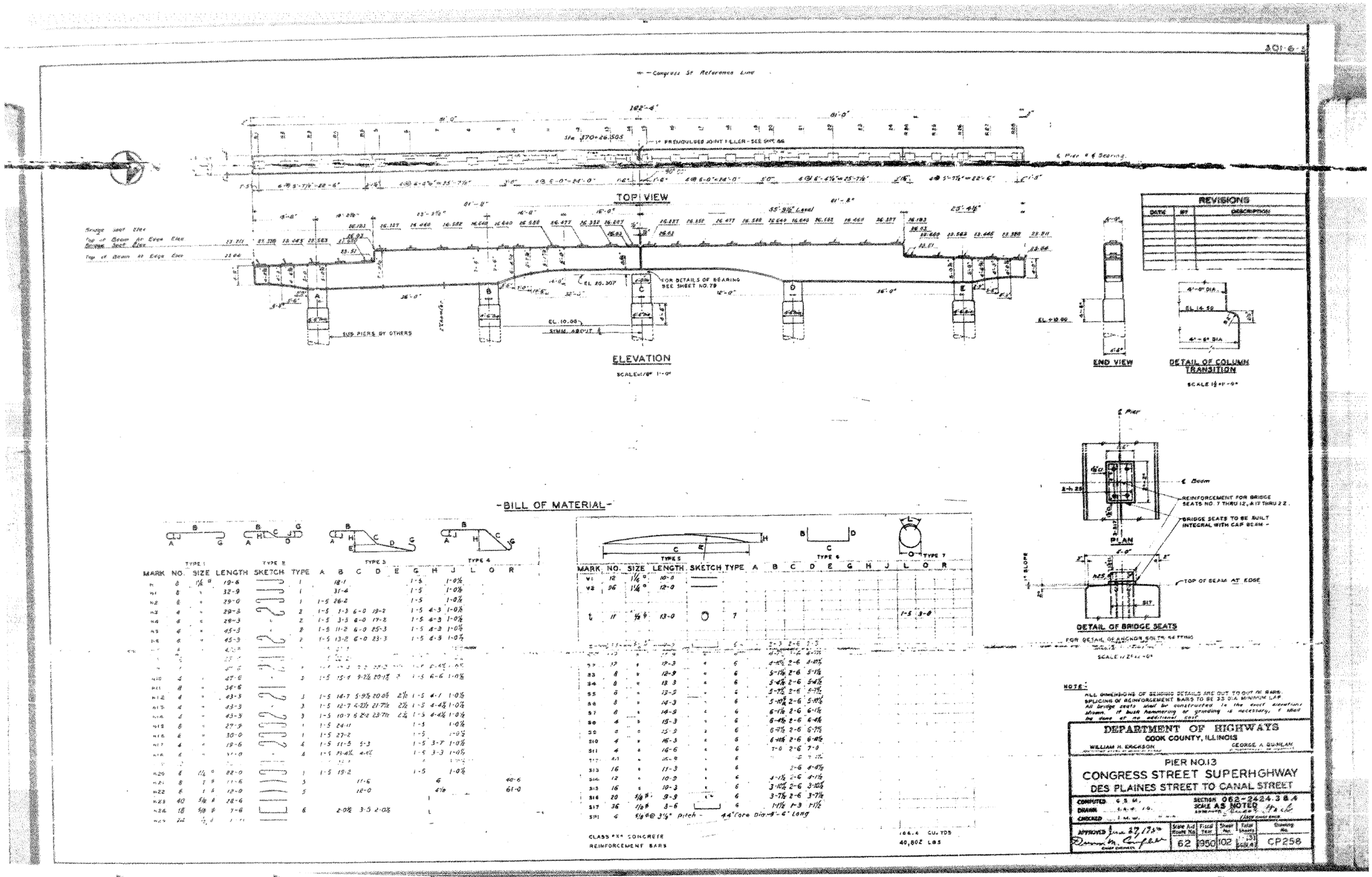


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1565
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.localbAECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing561

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FOR INFORMATION ONLY



-BILL OF MATERIAL-

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
H	8	1⅛ ▫	19-6		1		18-1				1-5		1-0⅛			
H1	8	"	32-9		1		31-6				1-5		1-0⅛			
H2	8	"	29-0		1	1-5	26-2				1-5		1-0⅛			
H3	4	"	29-3		2	1-5	1-3	6-0	19-2		1-5	4-3	1-0⅛			
H4	8	"	28-3		2	1-5	3-3	6-0	17-2		1-5	4-3	1-0⅛			
H5	8	"	45-3		2	1-5	11-2	6-0	25-3		1-5	4-3	1-0⅛			
H6	6	"	45-3		2	1-5	13-2	6-0	23-3		1-5	4-3	1-0⅛			
H7	6	"	47-3		2	1-5	15-2	6-0	25-3		1-5	4-3	1-0⅛			
H8	4	"	47-6		3	1-5	15-5	9-2½	20-1⅞	3"	1-5	6-6	1-0⅛			
H9	8	"	34-6													
H12	4	"	43-3		3	1-5	14-7	5-9½	20-0⅝	2½	1-5	4-1	1-0⅛			
H13	4	"	43-3		3	1-5	12-7	4-2½	21-7½	2½	1-5	4-4½	1-0⅛			
H14	4	"	43-3		3	1-5	10-7	6-2½	23-7½	2½	1-5	6-4½	1-0⅛			
H15	8	"	27-9		1	1-5	24-11				1-5		1-0⅛			
H16	6	"	30-0		1	1-5	27-2				1-5		1-0⅛			
H17	4	"	19-6		4	1-5	11-5	5-3			1-5	3-7	1-0⅛			
H18	6	"	41-0		4	1-5	31-4½	4-4½			1-5	3-3	1-0⅛			
H20	8	1¼ ▫	82-0		1	1-5	19-2				1-5		1-0⅛			
H21	8	1 ▫	11-6		3			11-6				6				40-6
H22	8	1 ▫	12-0		3			12-0				4⅛				61-0
H23	40	⅝ ▫	28-6													
H24	18	⅝ ▫	7-6		6		2-0½	3-5	2-0⅞							
H25	24	⅝ ▫	1'-1"													

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
V1	12	1¼ ▫	10-0													
V2	96	1¼ ▫	12-0													
t	11	½ ▫	13-0		7									1-5	3-0	
S1	17	"	12-3		6									4-10½	2-6	4-10½
S2	8	"	12-9		6									5-1⅛	2-6	5-1⅛
S4	6	"	13-3		6									5-4⅞	2-6	5-4⅞
S5	6	"	13-5		6									5-5⅝	2-6	5-7⅛
S6	8	"	14-3		6									5-10⅞	2-6	5-10⅞
S7	8	"	14-9		6									6-1⅛	2-6	6-1⅛
S8	4	"	15-3		6									6-4⅞	2-6	6-4⅞
S9	6	"	15-9		6									6-7⅛	2-6	6-7⅛
S10	4	"	16-3		6									6-10⅞	2-6	6-10⅞
S11	4	"	16-6		6									7-0	2-6	7-0
S12	8	"	16-9		6									7-1⅛	2-6	7-1⅛
S13	16	"	11-3		6									4-6	2-6	4-6
S14	12	"	10-9		6									4-1⅛	2-6	4-1⅛
S15	16	"	10-3		6									3-10⅞	2-6	3-10⅞
S16	20	⅝ ▫	9-9		6									3-7⅛	2-6	3-7⅛
S17	36	⅛ ▫	3-6		6									1-1⅛	1-3	1-1⅛
SP1	4	⅝ ▫ @ 3½" Pitch -			44" Core Dia - 9'-6" Long											

CLASS PC* CONCRETE — 166.4 CU. YDS
REINFORCEMENT BARS — 40,802 LBS

NOTE:
ALL DIMENSIONS OF BENDING DETAILS ARE OUT TO OUT OF BARS.
SPLICING OF REINFORCEMENT BARS TO BE 33 DIA MINIMUM LAP.
All bridge seats shall be constructed to the exact elevations shown. If bush hammering or grinding is necessary, it shall be done at no additional cost.

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

PIER NO.13
CONGRESS STREET SUPERHGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.S.M.
DRAWN G.A.P. I.G.
CHECKED J.M.W. M.M.A.
APPROVED June 27, 1956
SECTION 062-2424.3 & 4
SCALE AS NOTED
ENGINEER

State Aid Route No.	Files Item	Sheet No.	Total Sheets	Drawing No.
62	1950	102	1371	CP258

FILE NAME: pw:\0171479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing562
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HBM ENGINEERING GROUP, LLC

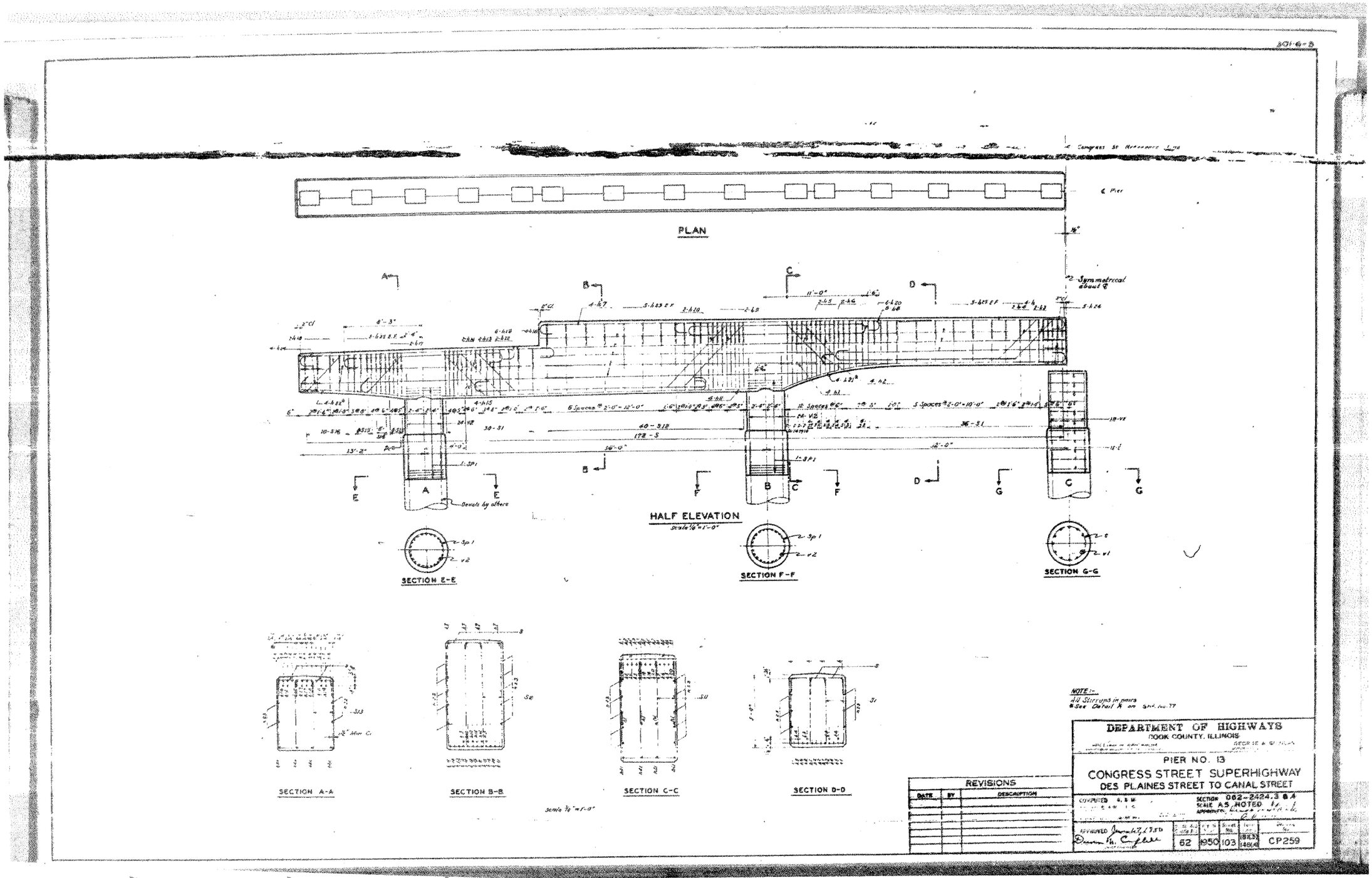
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	CHECKED -	REVISED -
PLOT SCALE = N.T.S	DRAWN -	REVISED -
PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -

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	1566
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

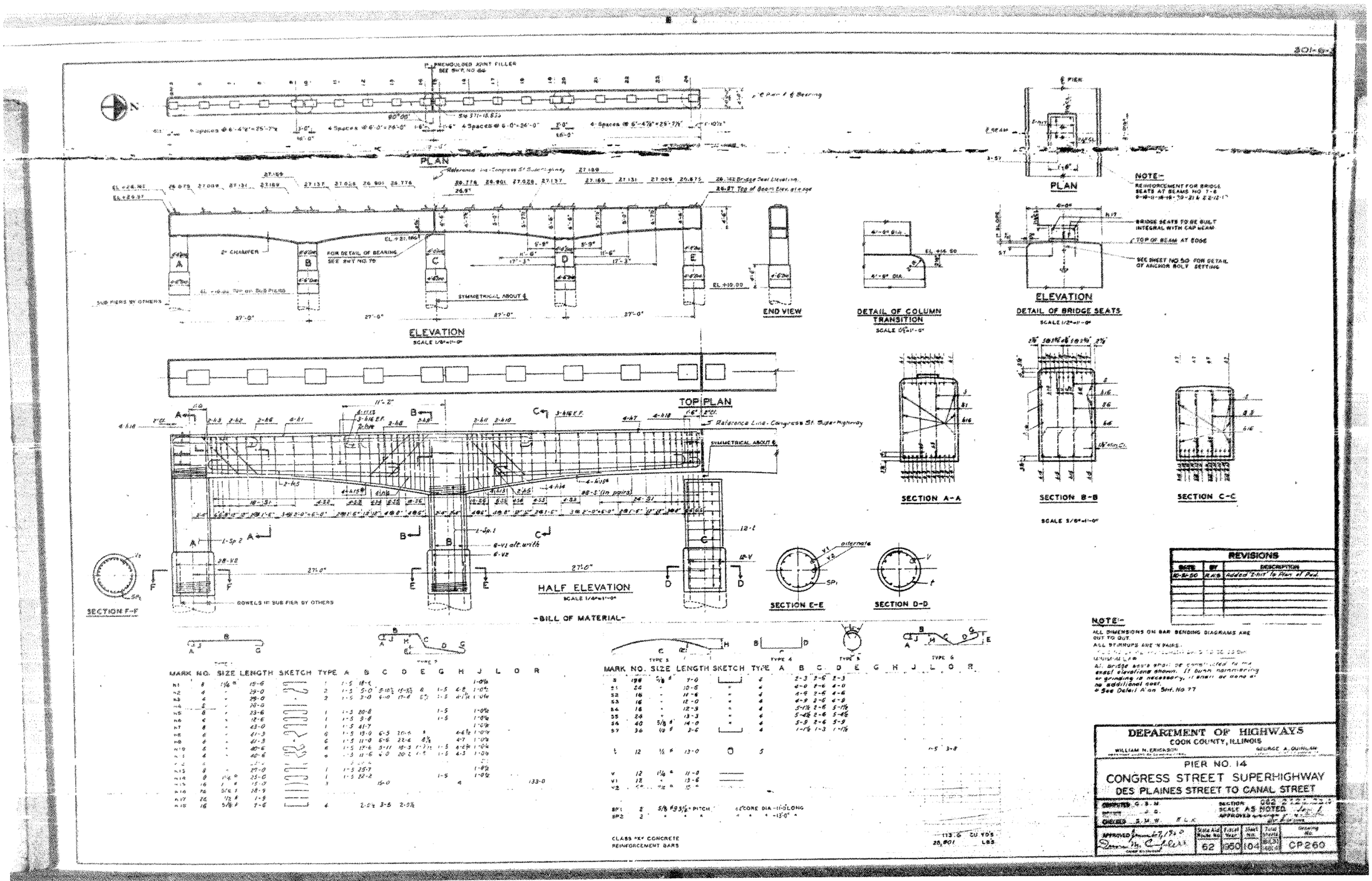


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1567
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local\AECOM_D502_NAIDocuments\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing563

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FOR INFORMATION ONLY



NOTE:-
REINFORCEMENT FOR BRIDGE SEATS AT BEARS NO 1-8 9-10-11-12-13-14 & 22-23-24

BRIDGE SEATS TO BE BUILT INTEGRAL WITH CAP BEAM

℄ TOP OF BEAM AT EDGE

SEE SHEET NO 50 FOR DETAIL OF ANCHOR BOLT SETTING

REVISIONS		
DATE	BY	DESCRIPTION
10-24-50	R.H.S.	Added 2-#11 To Plan of Ped.

NOTE:-
ALL DIMENSIONS ON BAR BENDING DIAGRAMS ARE OUT TO OUT.
ALL STIRRUPS ARE "N PAIRS.
All bridge seats shall be connected to the exact elevations shown. If such narrowering or grinding is necessary, it shall be done at no additional cost.
See Detail R on Sht. No 77

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

PIER NO. 14
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G. B. M.
DRAWN J. G.
CHECKED R. M. W. E. L. K.
SECTION 062-2-22-23-24
SCALE AS NOTED
APPROVED

APPROVED	STATE AID Route No.	FISCAL Year	SHEET No.	TOTAL SHEETS	DRAWING No.
27/1950	62	1950	104	104	CP260

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircleTPhase_II\000_CAD\000_Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing564
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HBM ENGINEERING GROUP, LLC

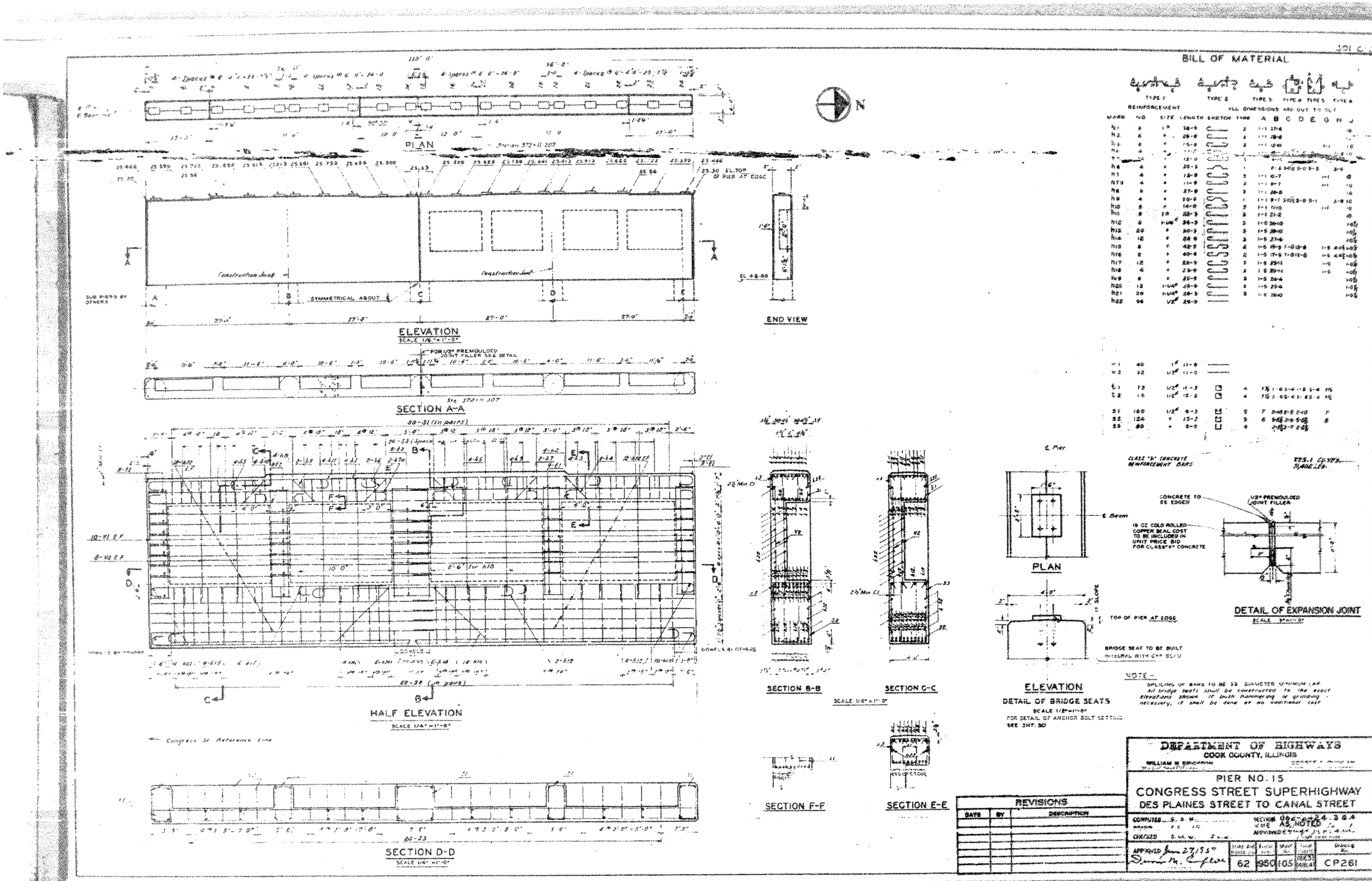
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	CHECKED -	REVISED -	
PLOT SCALE = N.T.S	DRAWN -	REVISED -	
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -	

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	1568
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
COUNTY OF COOK, ILLINOIS

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

REVISIONS		
DATE	BY	DESCRIPTION

APPROVED	STATE BRIDGE ENGINEER	DISTRICT	SHEET	YEAR	DRAWING No.
Dennis M. Engelen	62	950	105	1972	CP261

HBM ENGINEERING GROUP, LLC

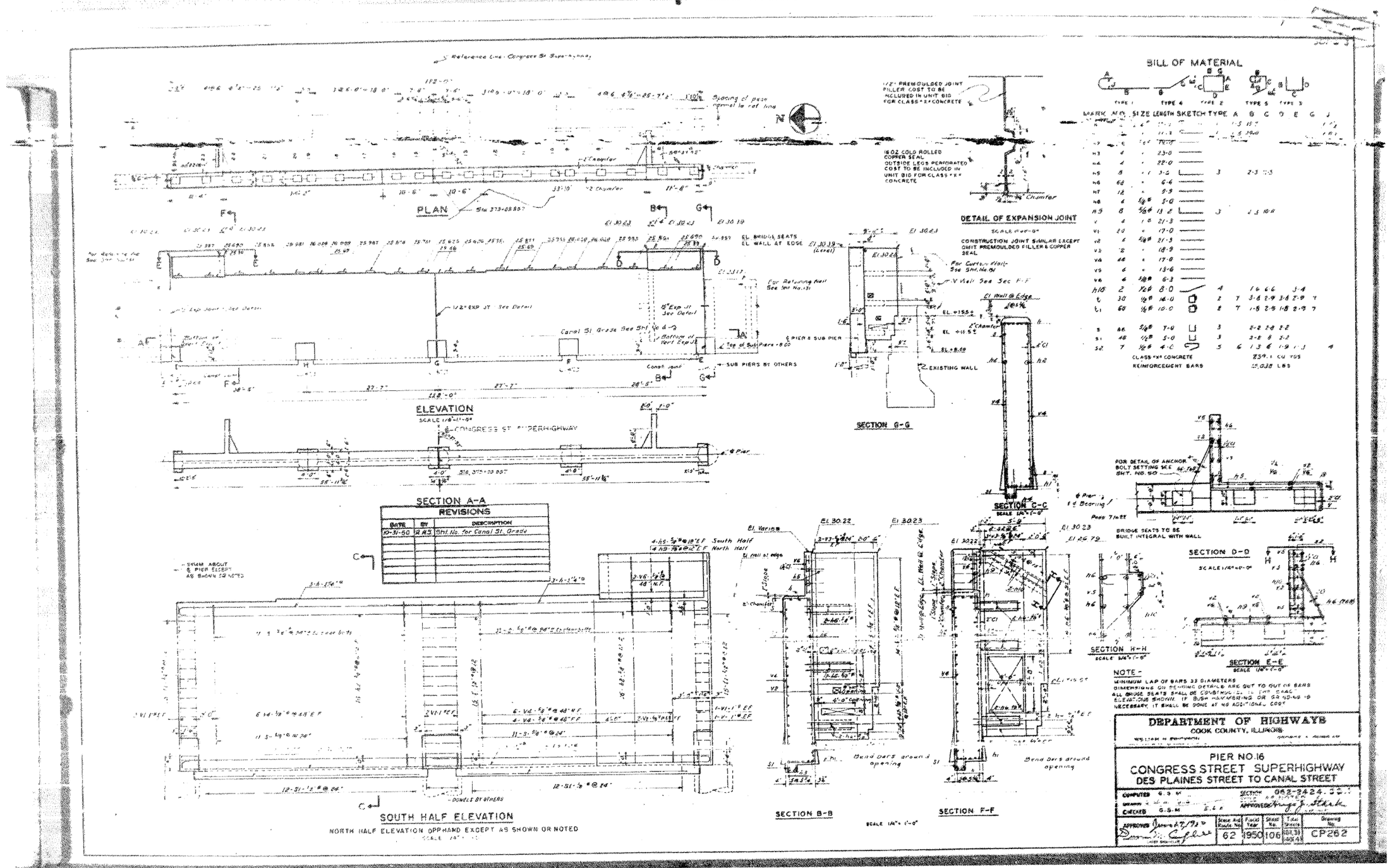
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	CHECKED -	REVISED -			
PLOT SCALE = N.T.S	DRAWN -	REVISED -			
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1569
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\6171479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\000_Structural\Structural\Structure_016-1718\Existing Plans\0160461-60X93-SXX-Existing505

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FOR INFORMATION ONLY



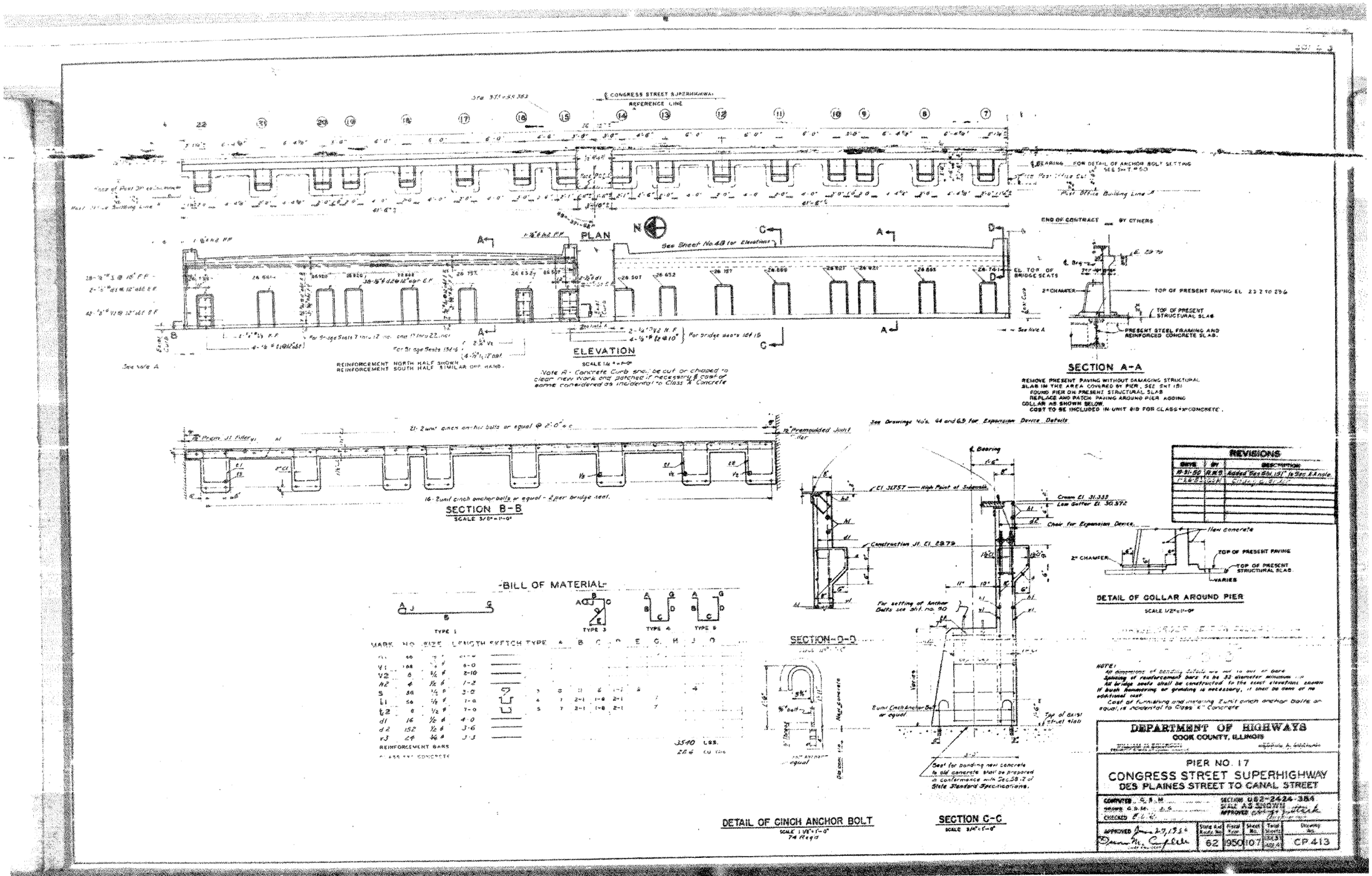
BILL OF MATERIAL										
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	J
n		4"	11-1									
n1		"	11-3									
n2	4	"	19-0									
n3	4	"	23-0									
n4	4	"	22-0									
n5	8	"	3-6		3		2-3	1-3				
n6	68	"	6-6									
n7	12	"	9-9									
n8	4	5/8"	5-0									
n9	8	5/8"	13-2		3		2-3	10-11				
v	4	1"	21-3									
v1	20	"	17-0									
v2	4	1/8"	21-3									
v3	12	"	18-9									
v4	44	"	17-0									
v5	4	"	13-6									
v6	4	1/8"	6-3									
h10	2	1/2"	8-0		4		1-6	6-6	3-4			
t	30	1/8"	14-0		2	T	3-6	2-9	3-6	2-9	T	
t1	60	1/8"	10-0		2	T	1-8	2-6	1-8	2-9	T	
s	86	5/8"	T-0		3		2-2	2-0	2-2			
s1	48	1/2"	5-0		3		2-2	8	2-2			
s2	7	1/2"	4-0		3	G	1-3	6	1-3	1-3	J	4
CLASS "X" CONCRETE							259.1 CU YDS					
REINFORCEMENT BARS							17,038 LBS					

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1570
	PLOT SCALE = N.T.S	DRAWN -	REVISED -					CONTRACT NO. 60X93		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



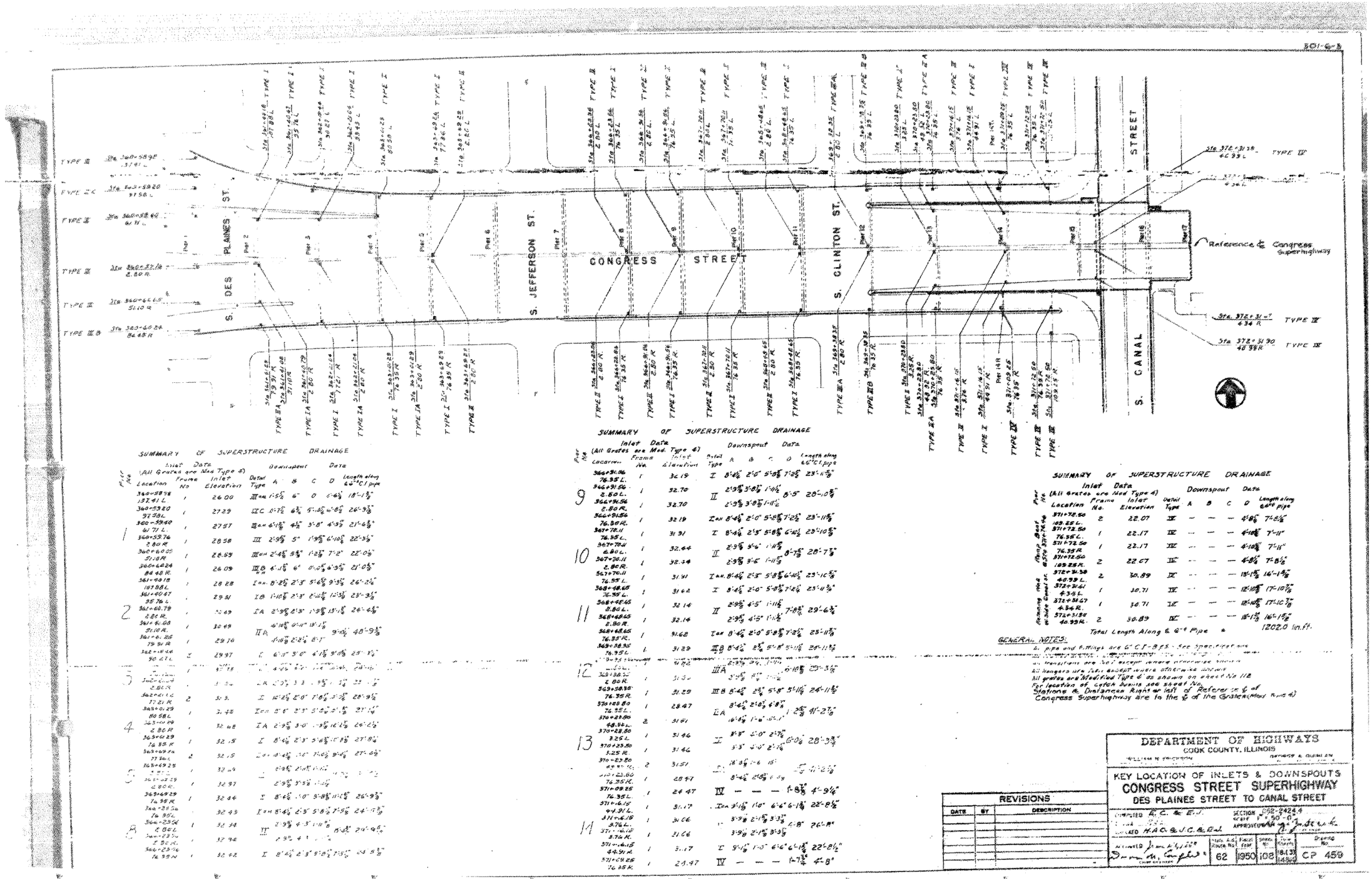
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1571
		CONTRACT NO. 60X93		
		ILLINOIS FED. AID PROJECT		

FOR INFORMATION ONLY



SUMMARY OF SUPERSTRUCTURE DRAINAGE

Pier No.	Inlet Data (All Grates are Med. Type 4) Location	Frame No.	Inlet Elevation	Detail Type	Downspout Data A	B	C	D	Length along 60"C.I. pipe
1	360+38.98 137.91 L.	1	26.00	IIIA	1'-5½"	6"	0	0'-6½"	18'-1⅜"
	360+53.80 37.98 L.	1	27.29	IIIC	1'-7½"	6⅜"	5'-1⅝"	4'-0⅜"	26'-3⅜"
	360+59.40 61.71 L.	1	27.97	IIIA	1'-8½"	6½"	5'-8"	4'-9⅜"	21'-6⅜"
	360+53.76 2.80 R.	1	28.58	III	2'-0⅜"	5"	1'-9⅜"	6'-10⅜"	22'-3½"
	360+60.05 51.10 R.	1	28.89	IIIB	2'-4⅜"	5⅝"	1'-2⅜"	7'-2"	22'-0⅜"
	360+64.24 84.48 R.	1	26.09	IIIB	6'-1⅜"	6"	0'-0⅜"	6'-3⅜"	21'-0⅜"
	361+49.18 187.98 L.	1	28.28	I	8'-2⅝"	2'-3"	5'-6⅜"	9'-3⅛"	26'-2¼"
	361+40.47 95.76 L.	1	29.91	IA	1'-10⅜"	2'-3"	0'-10⅜"	12'-3⅜"	23'-3½"
2	361+68.79 2.80 R.	1	30.49	I	2'-5⅜"	2'-3"	1'-9⅜"	13'-1⅜"	24'-4⅜"
	361+61.08 51.10 R.	1	30.49	IIA	10'-10⅜"	0'-4"	1'-8"	1'-1⅛"	9'-0½" 48'-9⅜"
	361+6.26 79.94 R.	1	29.70		1'-10⅜"	2'-2⅛"	8'-1"		
	362+16.44 90.47 L.	2	29.97	I	6'-1"	3'-0"	6'-1⅜"	9'-0⅜"	25'-1⅜"
3	[illegible] 2.80 R.	1	31.28	IA	4'-2⅜"	6'-1"	1'-2"	0'-10⅜"	28'-1⅜"
	362+61.12 73.29 R.	2	31.31	I	10'-2⅜"	2'-0"	1'-8⅜"	3'-3⅜"	28'-9⅛"
	363+01.29 80.58 L.	1	31.48	I	2'-6"	2'-3"	5'-2⅜"	0'-1⅜"	23'-1¼"
4	363+11.98 2.80 R.	1	32.48	IA	2'-9⅜"	3'-0"	1'-9⅜"	12'-1⅜"	26'-6⅛"
	363+69.29 76.35 R.	1	32.15	I	8'-4⅛"	2'-3"	5'-8⅜"	0'-1⅜"	27'-8⅛"
	363+69.29 77.36 L.	2	32.15	I	8'-4⅛"	2'-0"	7'-0⅜"	9'-4⅛"	27'-6⅜"
5	363+69.29 76.35 R.	1	32.44		2'-9⅜"	3'-3½"	1'-11⅛"		
	363+69.29 2.80 R.	1	32.97		2'-9⅜"	3'-3½"	1'-11⅛"		
	363+69.29 76.35 R.	1	32.44	I	8'-6⅛"	2'-0"	5'-8⅜"	11'-1⅜"	26'-9⅜"
	364+28.56 76.35 L.	1	32.43	I	8'-6⅛"	2'-3"	5'-8⅜"	7'-5⅛"	24'-5⅜"
6	364+23.56 2.80 L.	1	32.34	II	2'-9⅜"	4'-3"	1'-11⅛"	6'-8⅜"	29'-9⅛"
	364+23.56 2.80 R.	1	32.94		2'-9⅜"	4'-3"	1'-11⅛"		
	364+23.56 76.35 R.	1	32.42	I	8'-6⅛"	2'-3"	5'-8⅜"	7'-5⅛"	24'-5⅜"

SUMMARY OF SUPERSTRUCTURE DRAINAGE

Pier No.	Inlet Data (All Grates are Med. Type 4) Location	Frame No.	Inlet Elevation	Detail Type	Downspout Data A	B	C	D	Length along 60"C.I. pipe
	364+31.06 76.35 L.	1	32.19	I	8'-4⅛"	2'-0"	5'-8⅜"	7'-2⅝"	23'-11⅜"
9	364+31.56 2.80 L.	1	32.70	II	2'-9⅜"	3'-8⅜"	1'-11⅛"	8'-5"	28'-10⅜"
	364+31.56 2.80 R.	1	32.70		2'-9⅜"	3'-8⅜"	1'-11⅛"		
	364+31.56 76.36 R.	1	32.19	I	8'-4⅛"	2'-0"	5'-8⅜"	7'-2⅝"	23'-11⅜"
	367+78.11 76.35 L.	1	31.91	I	8'-4⅛"	2'-3"	5'-8⅜"	6'-4½"	23'-10⅜"
10	367+78.11 2.80 L.	1	32.44	II	2'-9⅜"	3'-6"	1'-11⅛"	8'-7⅜"	28'-7⅜"
	367+78.11 2.80 R.	1	32.14		2'-9⅜"	3'-6"	1'-11⅛"		
	367+78.11 76.35 L.	1	31.91	I	8'-4⅛"	2'-3"	5'-8⅜"	6'-10½"	23'-10⅜"
	368+48.65 76.35 L.	1	31.62	I	8'-4⅛"	2'-0"	5'-8⅜"	7'-2½"	23'-11⅜"
11	368+48.65 2.80 L.	1	32.14	II	2'-9⅜"	4'-5"	1'-11⅛"	7'-8⅜"	29'-6⅜"
	368+48.65 2.80 R.	1	32.14		2'-9⅜"	4'-5"	1'-11⅛"		
	368+48.65 76.35 R.	1	31.62	I	8'-4⅛"	2'-0"	5'-8⅜"	7'-2⅝"	23'-11⅜"
	369+38.95 76.95 L.	1	31.29	IIB	8'-4⅛"	2'-3"	5'-8⅜"	6'-11⅛"	24'-11⅜"
12	[illegible] 2.80 R.	1	31.8-	IIIA	2'-9⅜"	3'-[illegible]	[illegible]	6'-10⅜"	29'-3⅜"
	369+38.95 76.35 R.	1	31.29	IIIB	8'-4⅛"	2'-3"	5'-8⅜"	5'-11⅛"	24'-11⅜"
	370+28.80 72.52 L.	1	28.67	IA	8'-4⅛"	2'-0"	4'-8⅜"	1'-2⅝"	24'-11⅜"
	370+28.80 48.94 L.	2	31.61		6'-6⅜"	1'-6"	0'-0"		
13	370+28.80 3.26 L.	1	31.46	II	3'-5"	2'-0"	2'-7⅛"	6'-0⅛"	28'-3⅜"
	370+23.80 5.25 R.	1	31.46		3'-5"	4'-0"	2'-7⅛"		
	370+23.80 [illegible]	2	31.51		18'-3⅜"	1'-6"	18"		
	370+23.80 76.35 R.	1	28.97		8'-4⅛"	2'-0"	5'-8⅜"	6'-4½"	24'-11⅜"
	371+08.25 76.35 L.	1	24.47	IV	—	—	—	1'-8⅜"	4'-9¼"
	371+16.15 44.91 L.	1	31.17	[illegible]	3'-1⅜"	1'-0"	6'-6"	6'-1⅜"	22'-8½"
14	371+16.15 3.76 L.	1	31.06	[illegible]	3'-9⅜"	2'-1⅝"	3'-3⅞"	6'-8"	26'-8"
	371+16.15 3.74 R.	1	31.06		3'-9⅜"	2'-1⅝"	3'-3⅞"		
	371+16.15 44.91 R.	1	31.17	I	8'-4⅛"	1'-0"	6'-6"	6'-1⅜"	22'-8½"
	371+08.25 76.35 R.	1	24.47	IV	—	—	—	1'-7¾"	4'-8"

SUMMARY OF SUPERSTRUCTURE DRAINAGE

Pier No.	Inlet Data (All Grates are Med Type 4) Location	Frame No.	Inlet Elevation	Detail Type	Downspout Data A	B	C	D	Length along 60"C.I. pipe
Pier 16 to Pier 17	371+72.50 103.25 L.	2	22.07	IX	—	—	—	4'-8⅜"	7'-6½"
	371+72.50 76.35 L.	1	22.17	IX	—	—	—	4'-10⅜"	7'-11"
Pier 15 to Pier 16	371+72.50 76.35 R.	1	22.17	IX	—	—	—	4'-10⅜"	7'-11"
	371+12.50 103.25 R.	2	22.07	IX	—	—	—	4'-8⅜"	7'-6½"
Pier 14 to Pier 15	372+31.58 46.39 L.	2	30.89	IX	—	—	—	13'-1⅜"	16'-1⅜"
	372+31.61 4.34 L.	1	30.71	IX	—	—	—	12'-10⅜"	17'-10⅞"
	372+31.67 4.34 R.	1	30.71	IX	—	—	—	12'-10⅜"	17'-10⅞"
	372+31.58 46.39 R.	2	30.89	IX	—	—	—	13'-1⅜"	16'-1⅜"

Total Length Along ℄ 60" Pipe = 1202.0 lin.ft.

GENERAL NOTES:

1. All pipe and fittings are 60" C.I.P.-B.F.S. - See specifications.
2. All manholes are [illegible] except where otherwise shown.
3. All hangers are [illegible] except where otherwise shown.
4. All grates are Modified Type 4 as shown on sheet No. 112.

For location of catch basins see sheet No. [illegible]

Stations & Distances Right or left of Reference ℄ of Congress Superhighway are to the ℄ of the Grates. (Median Pier 4)

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

DESIGNED [illegible] SECTION DSP-2424.4
DRAWN [illegible] SCALE 1" = 50'-0"
CHECKED M.A.C. & J.C.A. APPROVED [illegible]

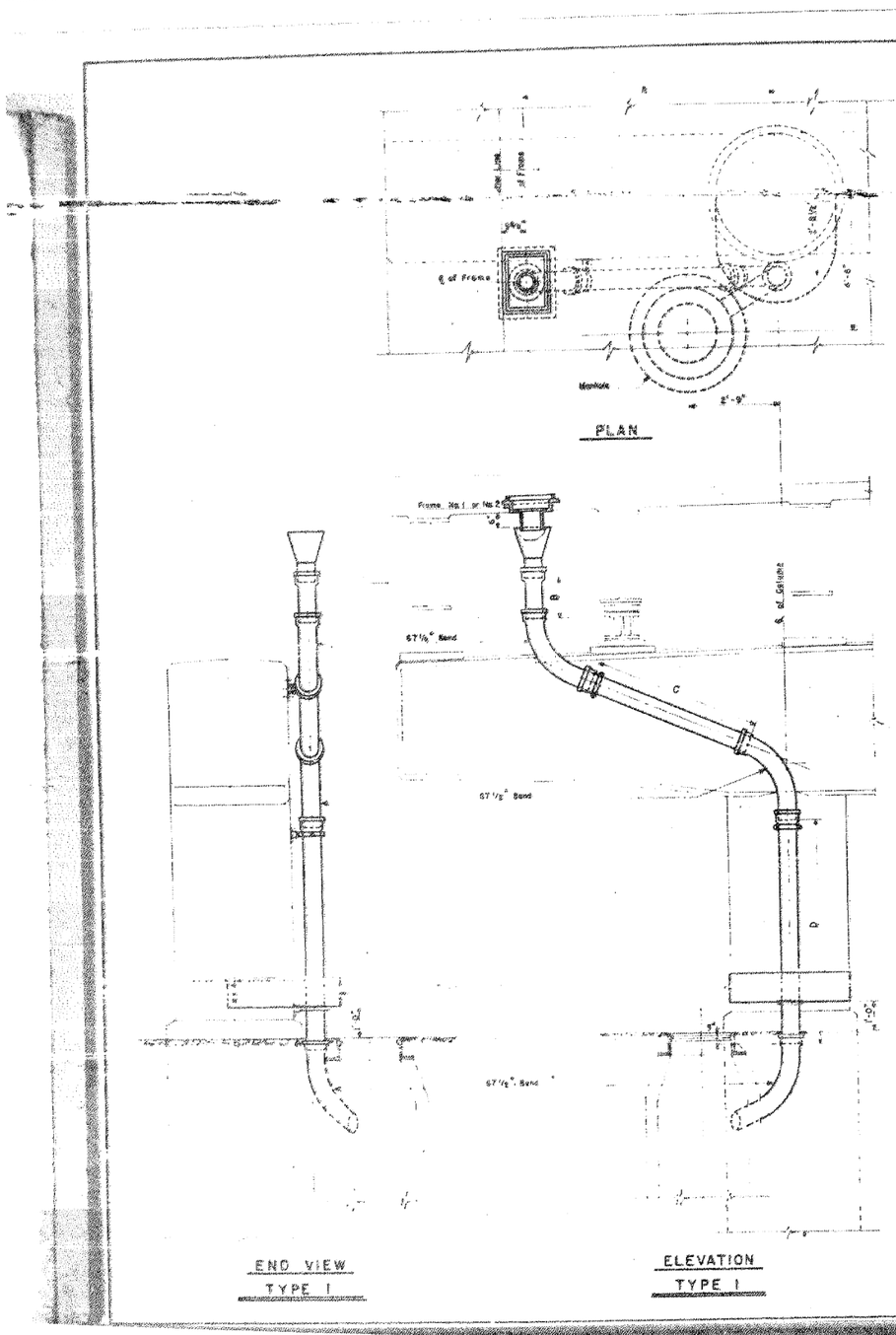
RECOMMENDED [illegible] | ROUTE NO. 62 | FISCAL YEAR 1950 | SHEET NO. 108 | TOTAL SHEETS 113 | DRAWING NO. CP 459

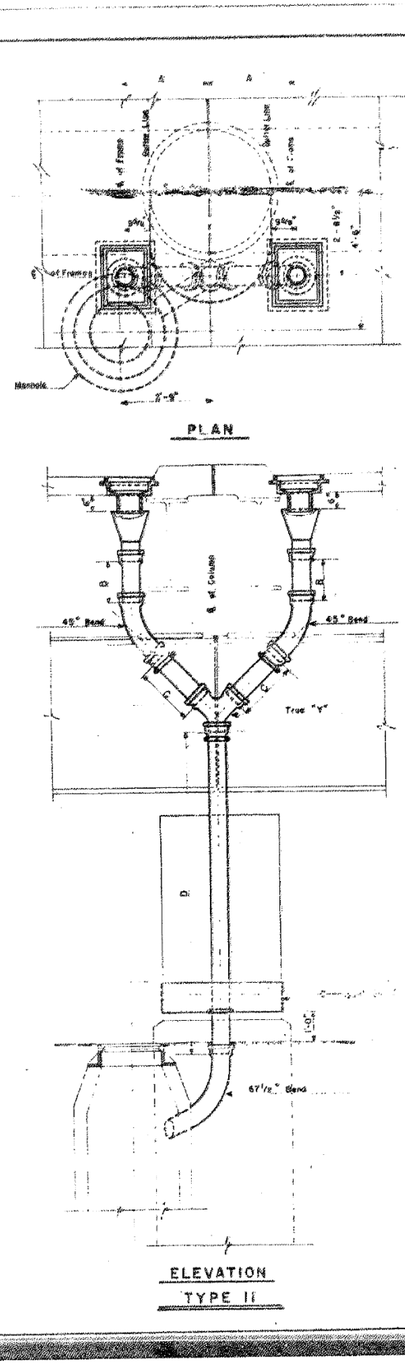
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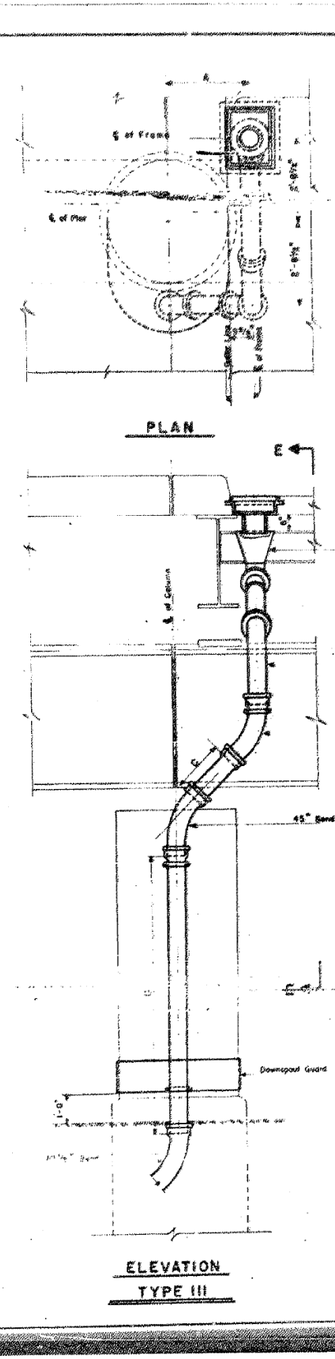
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

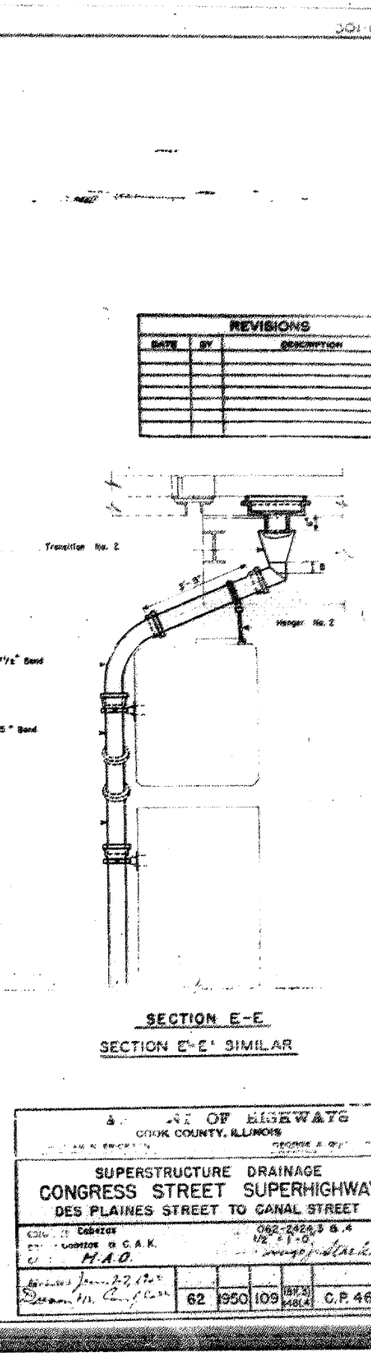
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90/94/290	2014-013R&B-R	COOK	1972	1572
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY









REVISIONS		
DATE	BY	DESCRIPTION

CITY OF CHICAGO
COOK COUNTY, ILLINOIS

SUPERSTRUCTURE DRAINAGE
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

062-2424,3 & 4
1/2" = 1'-0"
M.A.O.

62	1950	109	(87X) 4804	C.P. 460	

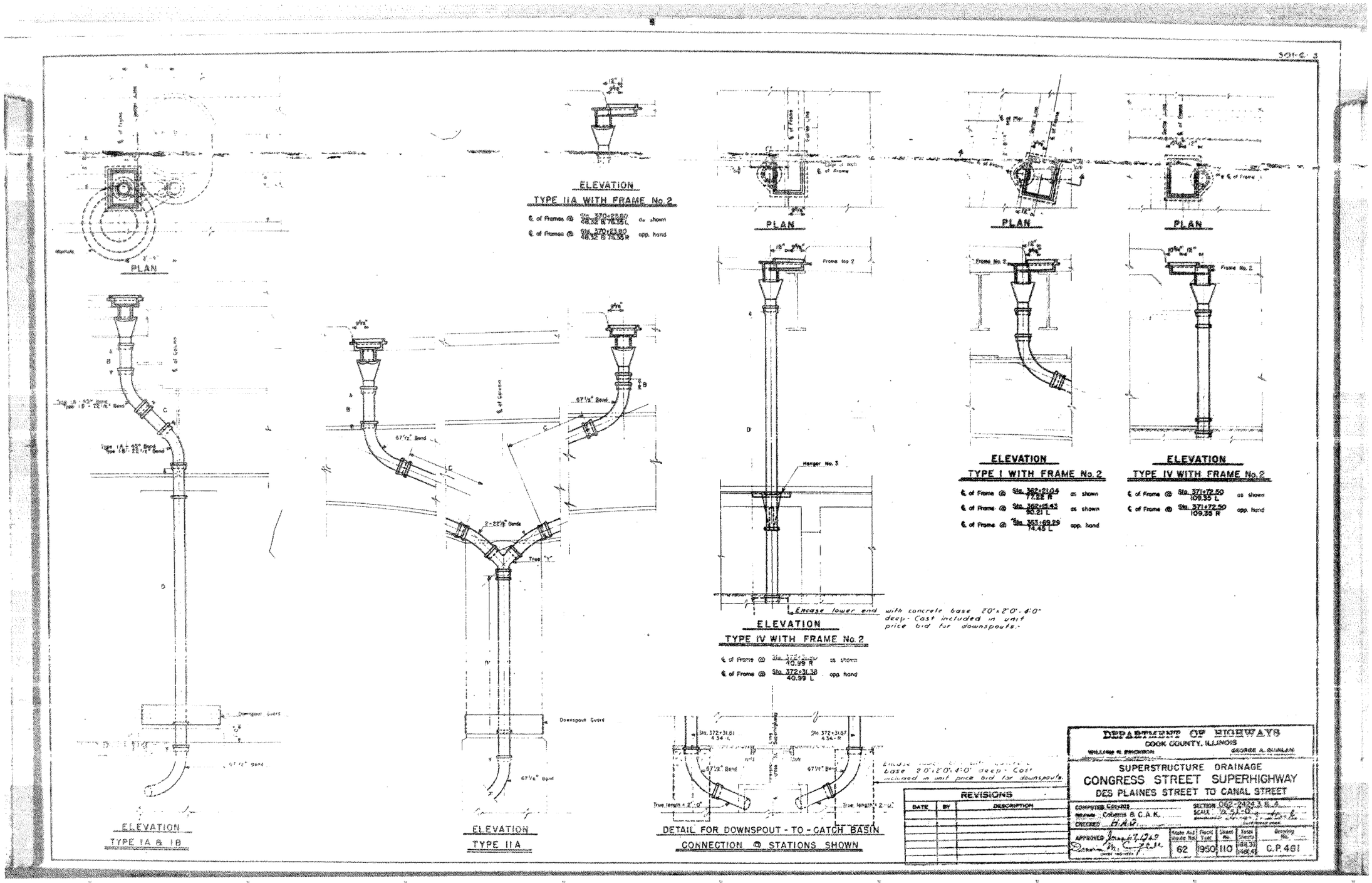
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1573
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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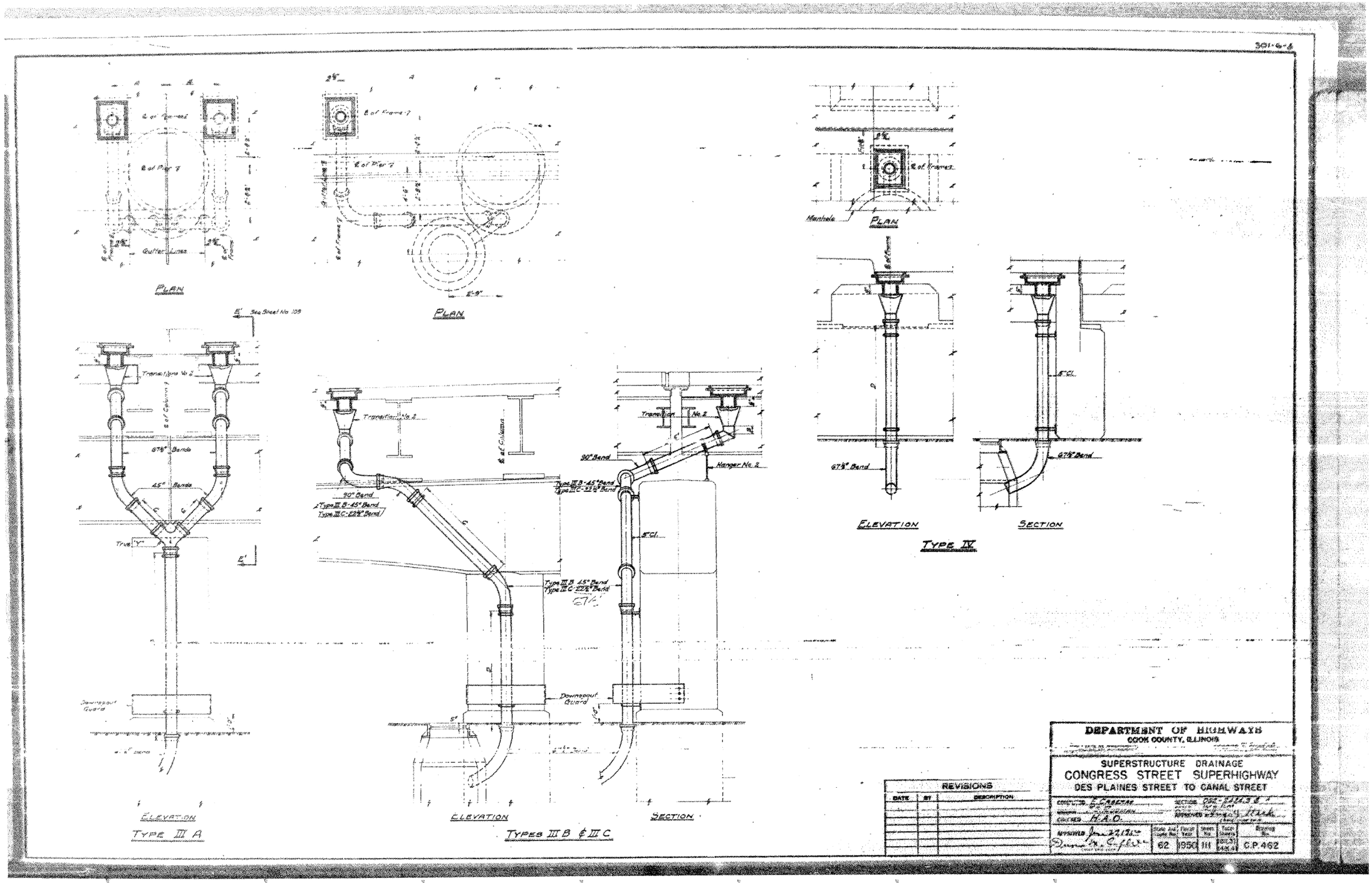
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HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1574
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing570
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FOR INFORMATION ONLY

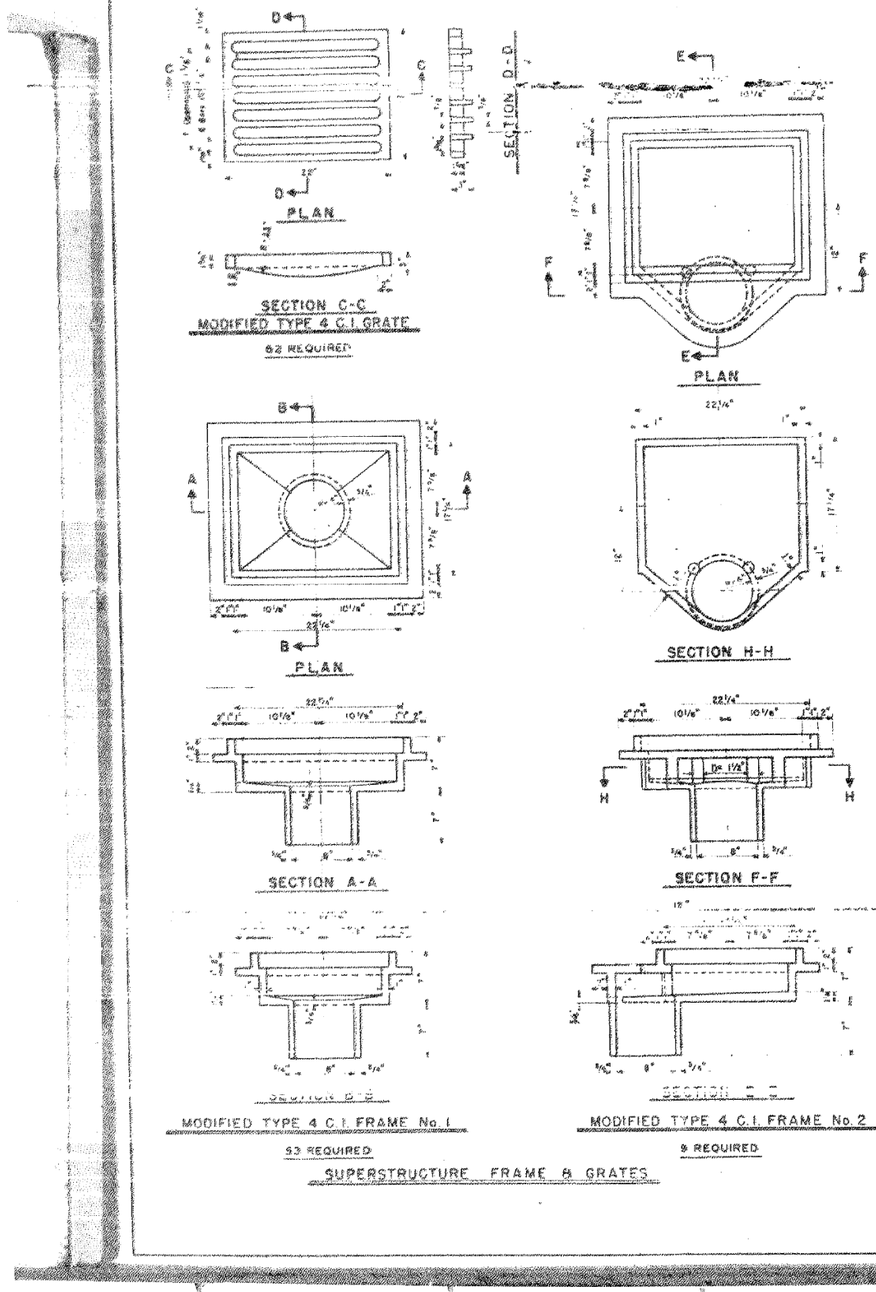


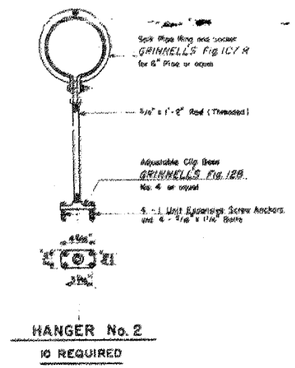
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1575
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

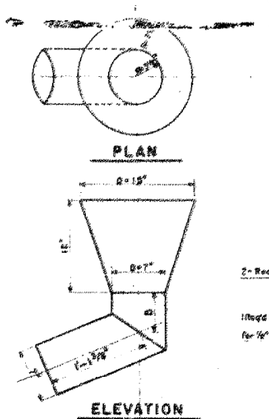
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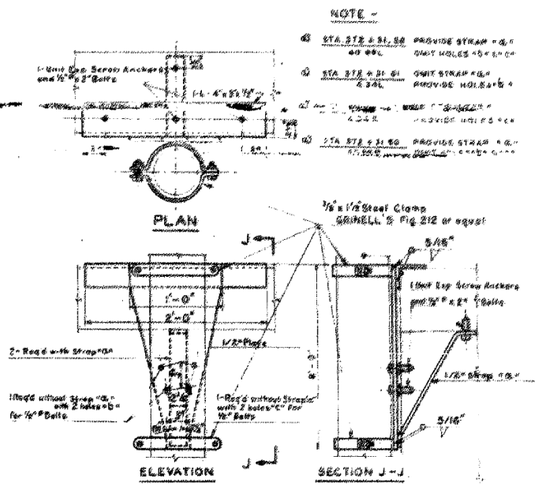
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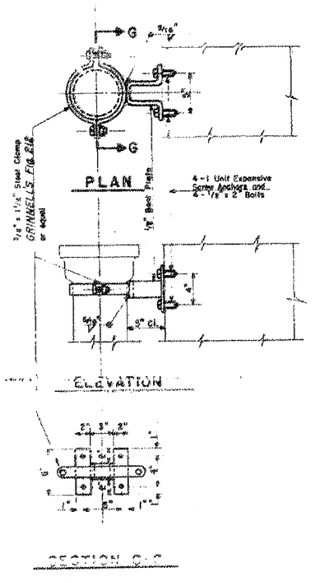
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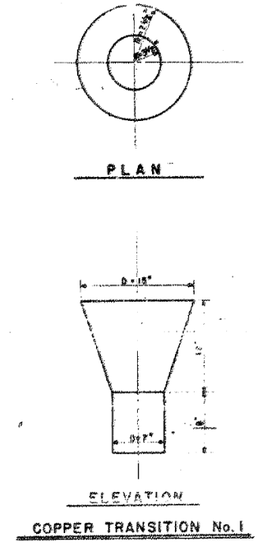


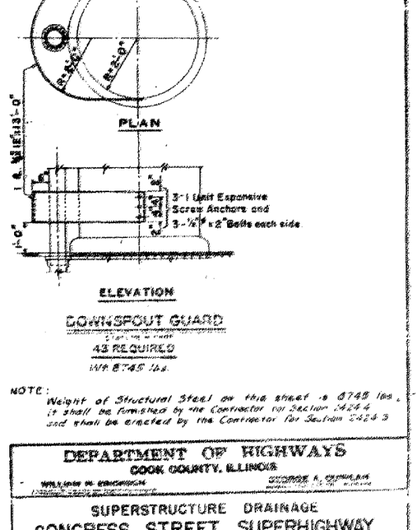












NOTE: Weight of Structural Steel on this sheet = 8745 lbs. It shall be furnished by the Contractor for Section 2424.4 and shall be erected by the Contractor for Section 2424.3

REVISIONS		
DATE	BY	DESCRIPTION
7-17-18	EP	PUT TOGETHER EXHIBITS

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. KUNKLER — GEORGE A. QUINLAN

SUPERSTRUCTURE DRAINAGE
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED CHECK —
DRAWN Cabezas & C.A.M.
CHECKED H.A.O
SECTION 062-2424.3 D.
SCALE 1½" = 1'-0"
APPROVED June 27, 1918
Engineer of Highways

STATE ROUTE NO.	DISTRICT NO.	SHEET NO.	SHEET TOTAL	DRAWING NO.
62	1950	112	1831 1854	C.P. 463

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing572

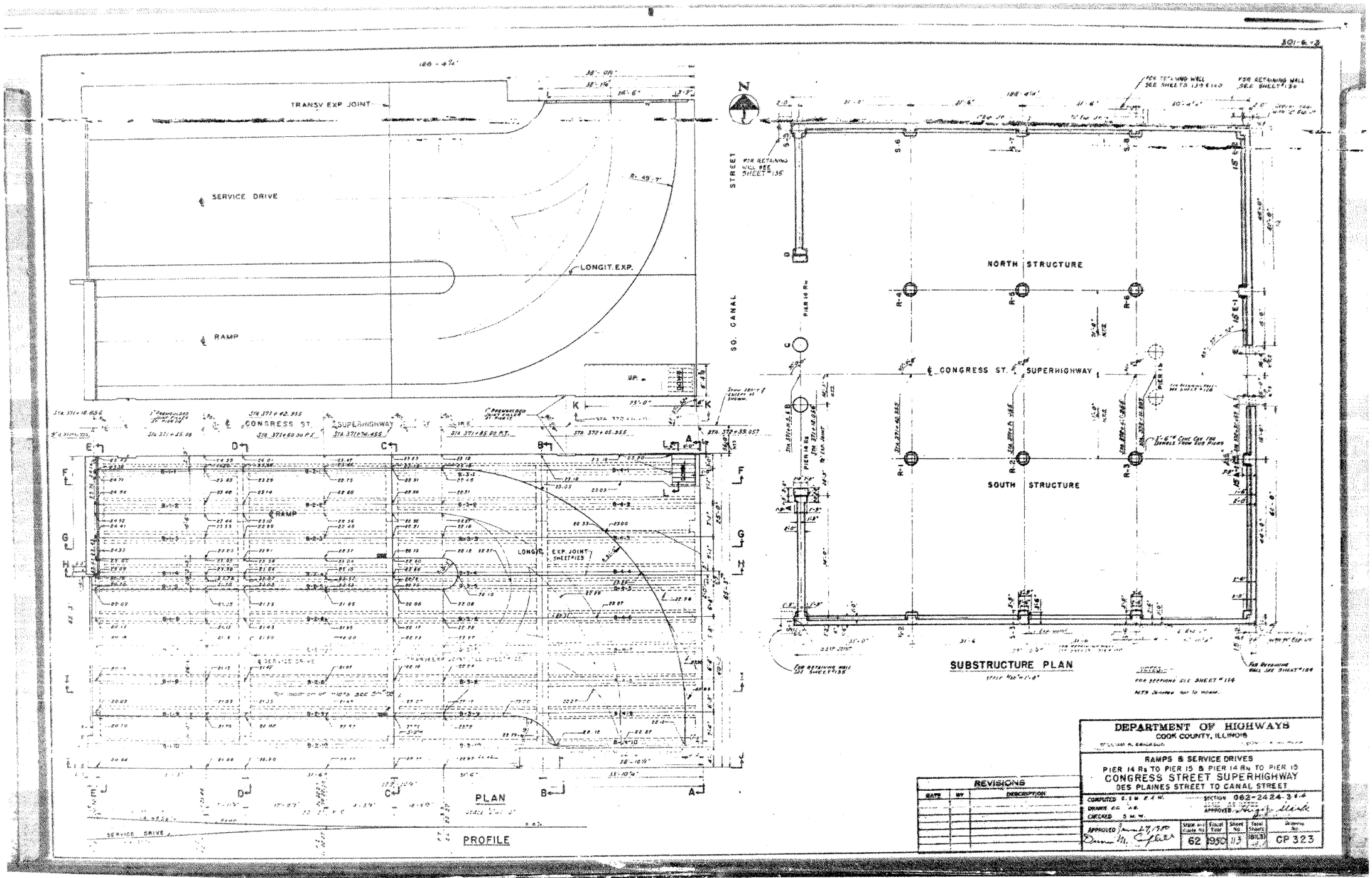
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HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1576
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

RAMPS & SERVICE DRIVES
PIER 14 Rs TO PIER 15 & PIER 14 Rn TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPLETED E.I.W. E.A.W.
DRAWN E.C. A.B.
CHECKED S.M.W.
APPROVED 6-27-1950

SECTION 062-2424-3 & 4
STATE ROUTE
FED. ROUTE

STATE ROUTE & SECTION NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	DRAWING NO.
62	1950	113	181(3)	CP 323

REVISIONS

DATE	BY	DESCRIPTION

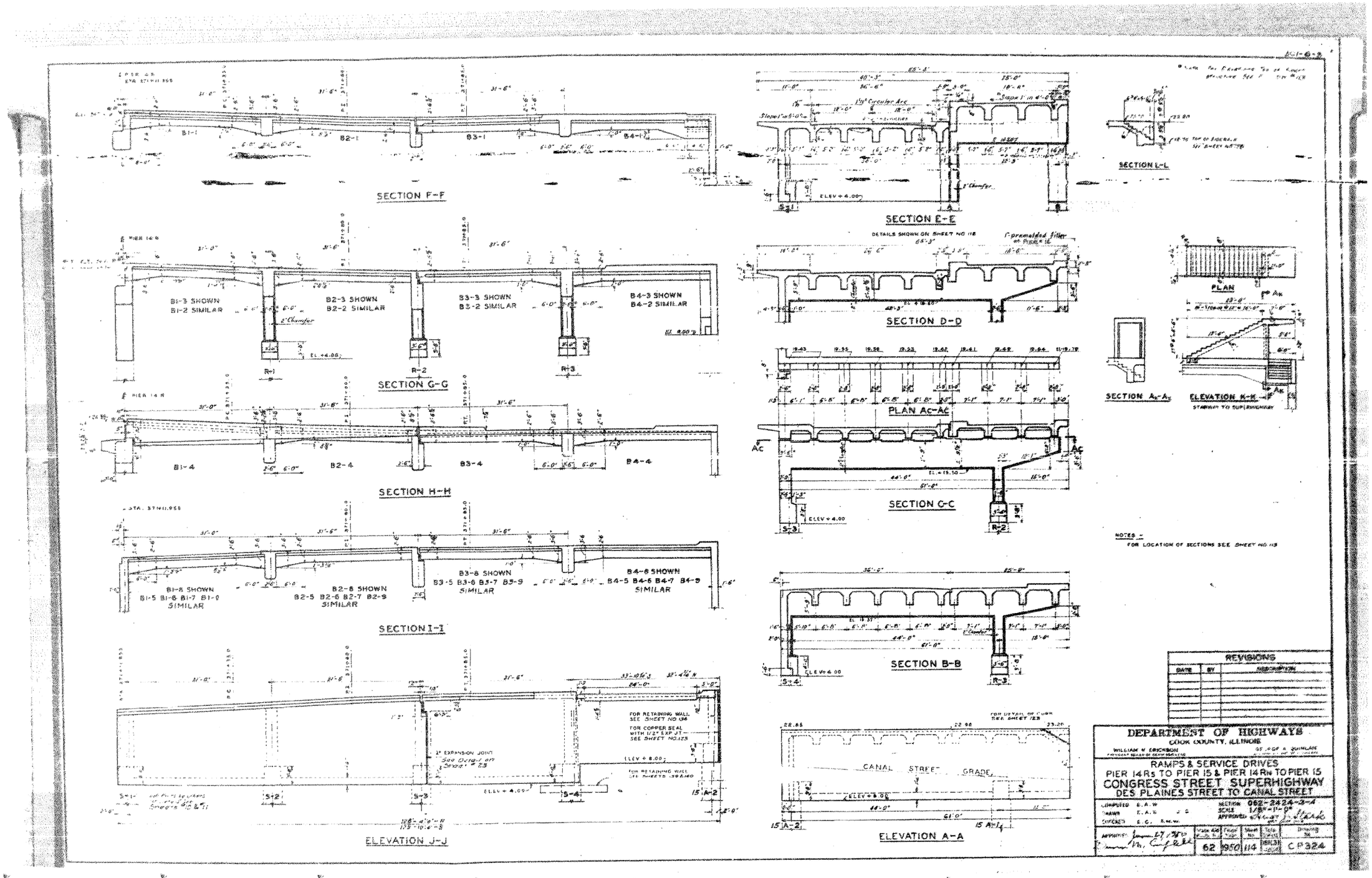
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1577
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing573
1:59:01 PM

FOR INFORMATION ONLY



REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM M ERICKSON
PRESIDENT BOARD OF COUNTY HIGHWAYS

GEORGE A. SCHNLADE
SUPERINTENDENT OF HIGHWAYS

RAMPS & SERVICE DRIVES
PIER 14Rs TO PIER 15 & PIER 14Rn TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED	E.A.W	SECTION	062-2424-2-4
DRAWN	E.A.K	SCALE	1/8"=1'-0"
CHECKED	S.C. R.M.W.	APPROVED	

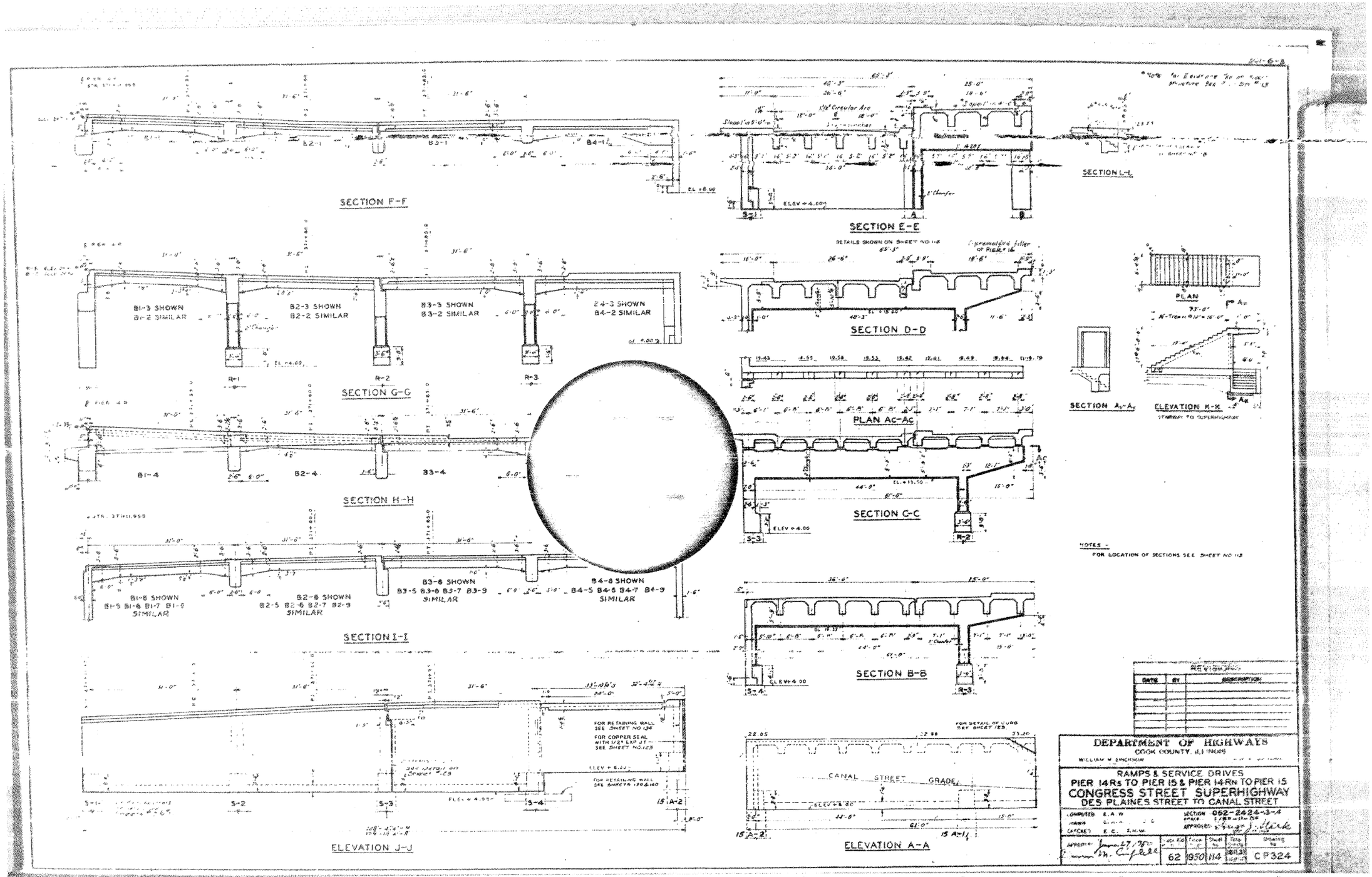
HIGHWAYS	Sheet No.	Total Sheets	Sheet No.	Total Sheets	Drawing No.
	62	1950	114		CP324

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI. MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1578
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_IN000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing574
1:59:08 PM

FOR INFORMATION ONLY



DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM W. SMICKSON

RAMPS & SERVICE DRIVES
PIER 14Rs TO PIER 15 & PIER 14Rn TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED E.A.W. SECTION 092-2424-3-4
DRAWN E.A.W.
CHECKED E.C. S.W.W. APPROVED

APPROVED	SHEET NO.	TOTAL SHEETS	DRAWING NO.
62	1950	114	CP324

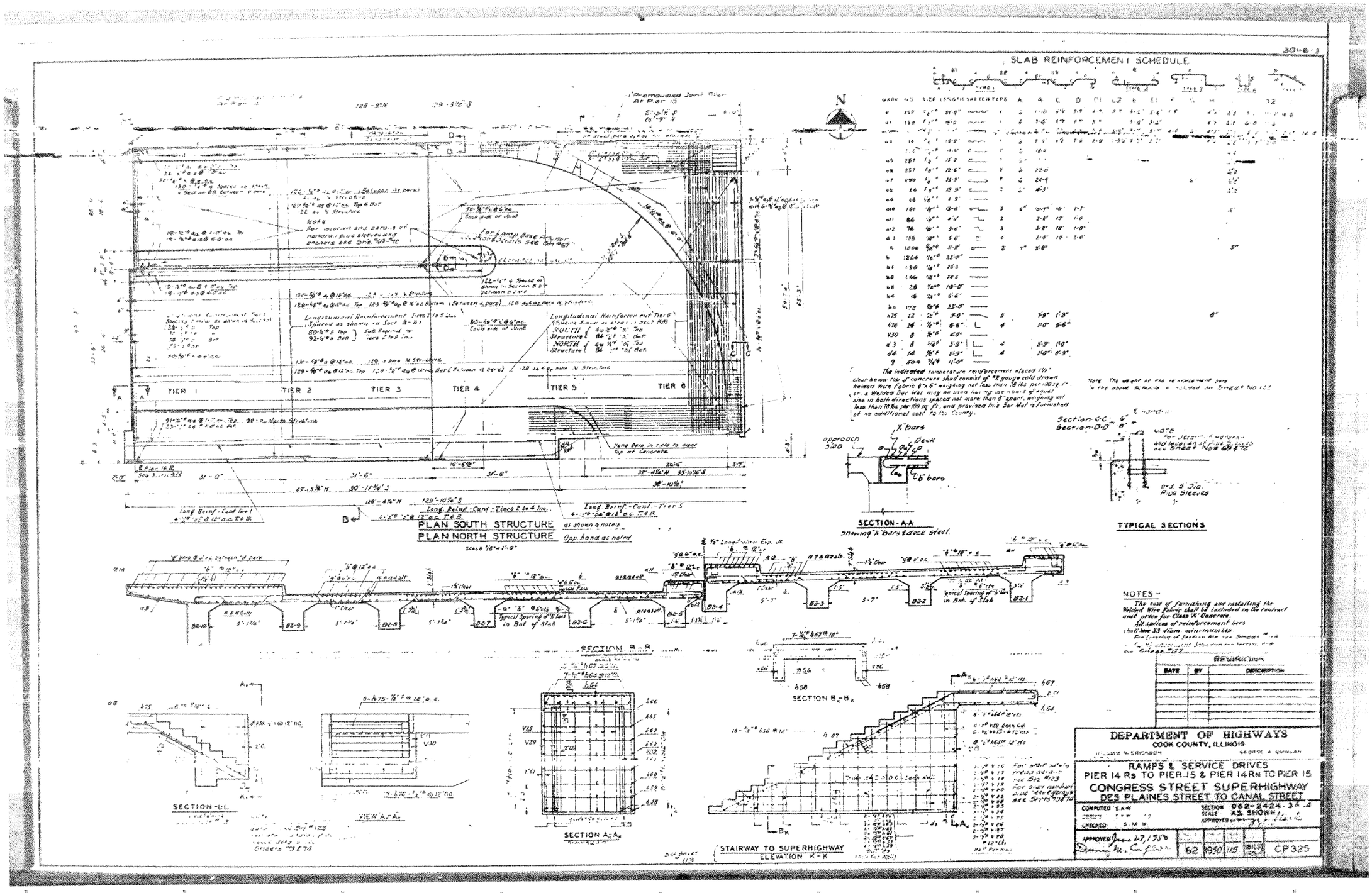
HBM ENGINEERING GROUP, LLC

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1579
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing575
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FOR INFORMATION ONLY

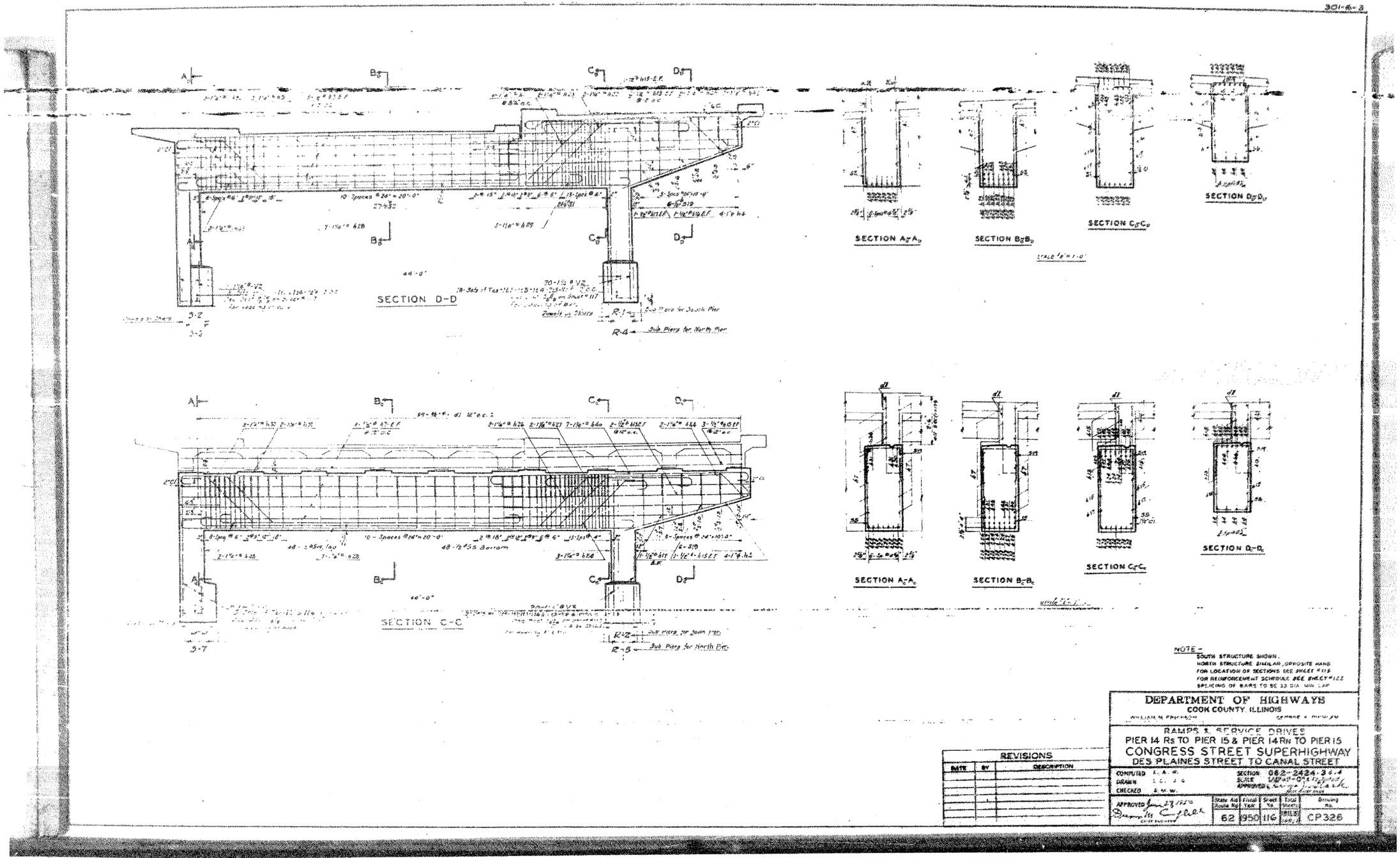


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1580
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing576

1:59:25 PM

FOR INFORMATION ONLY



NOTE -
SOUTH STRUCTURE SHOWN.
NORTH STRUCTURE SIMILAR, OPPOSITE HAND
FOR LOCATION OF SECTIONS SEE SHEET #118
FOR REINFORCEMENT SCHEDULE SEE SHEET #122
SPLICING OF BARS TO BE 32 DIA MIN LAP

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

REVISIONS		
DATE	BY	DESCRIPTION

COMPUTED E. A. W.
DRAWN L. C., J. G.
CHECKED E. M. W.
SECTION 062-2424-3&4
SCALE 1/8"=1'-0"
APPROVED

APPROVED Jan 23 1970
CHIEF ENGINEER

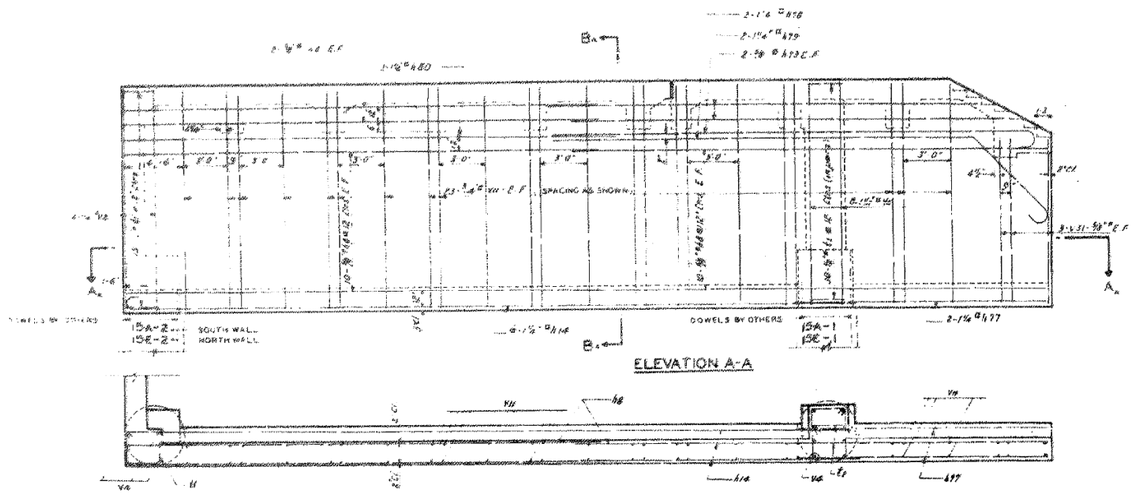
State Aid Route No.	Federal Aid Project No.	Sheet No.	Total Sheets	Drawing No.
62	950 116	115	1581	CP326

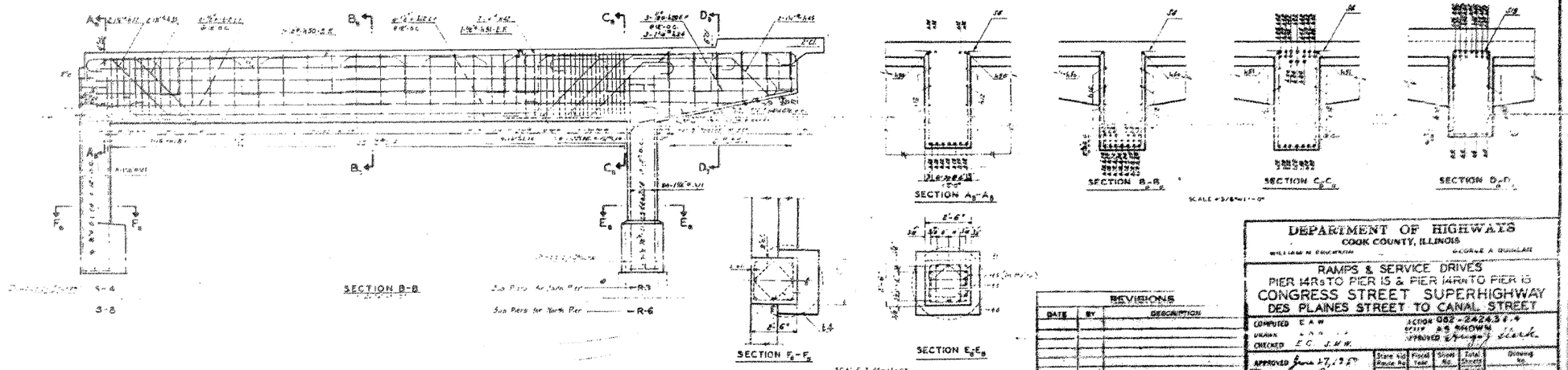
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1581
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing577
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FOR INFORMATION ONLY

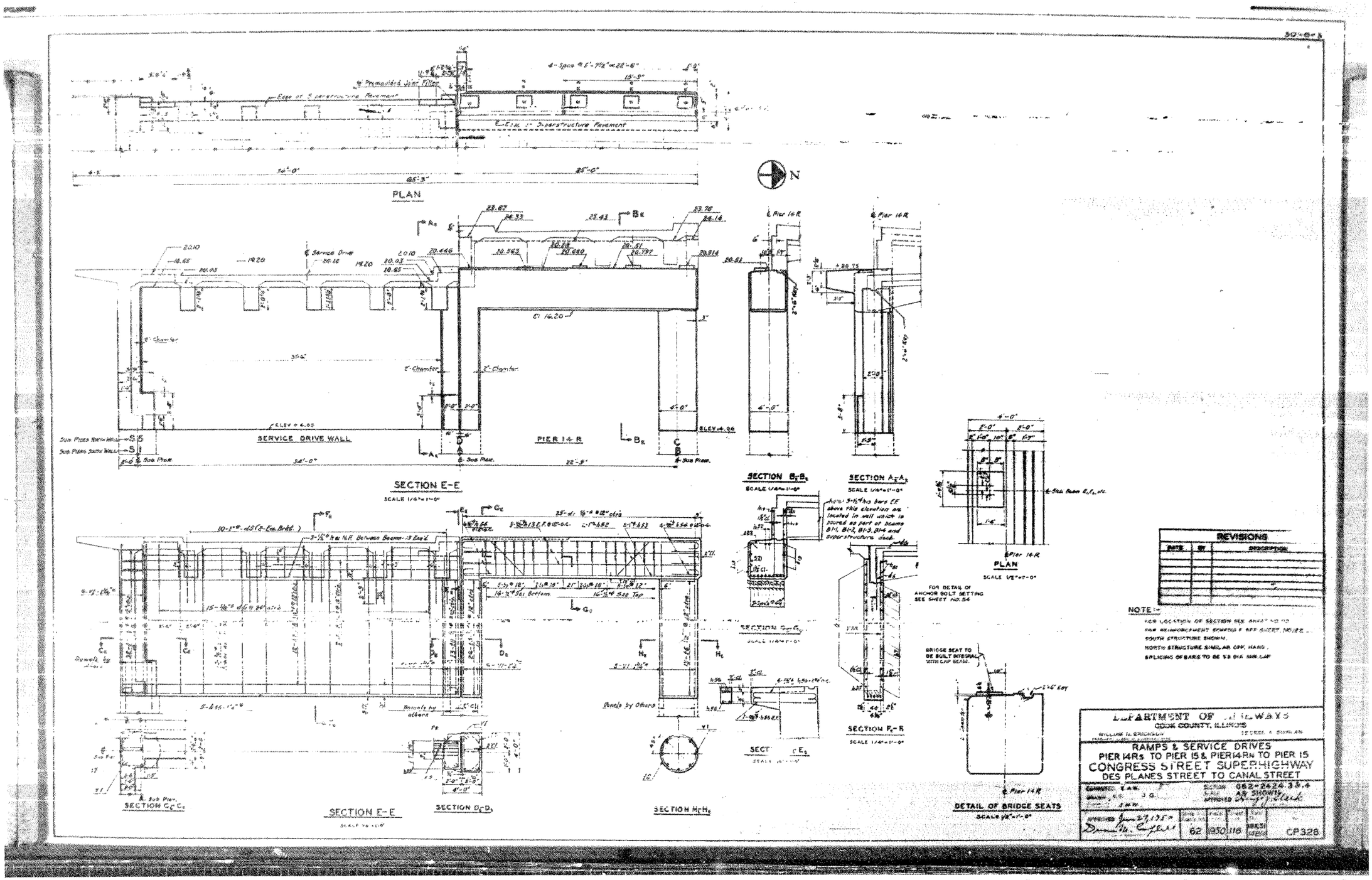




HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1582
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -				ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing578
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FOR INFORMATION ONLY

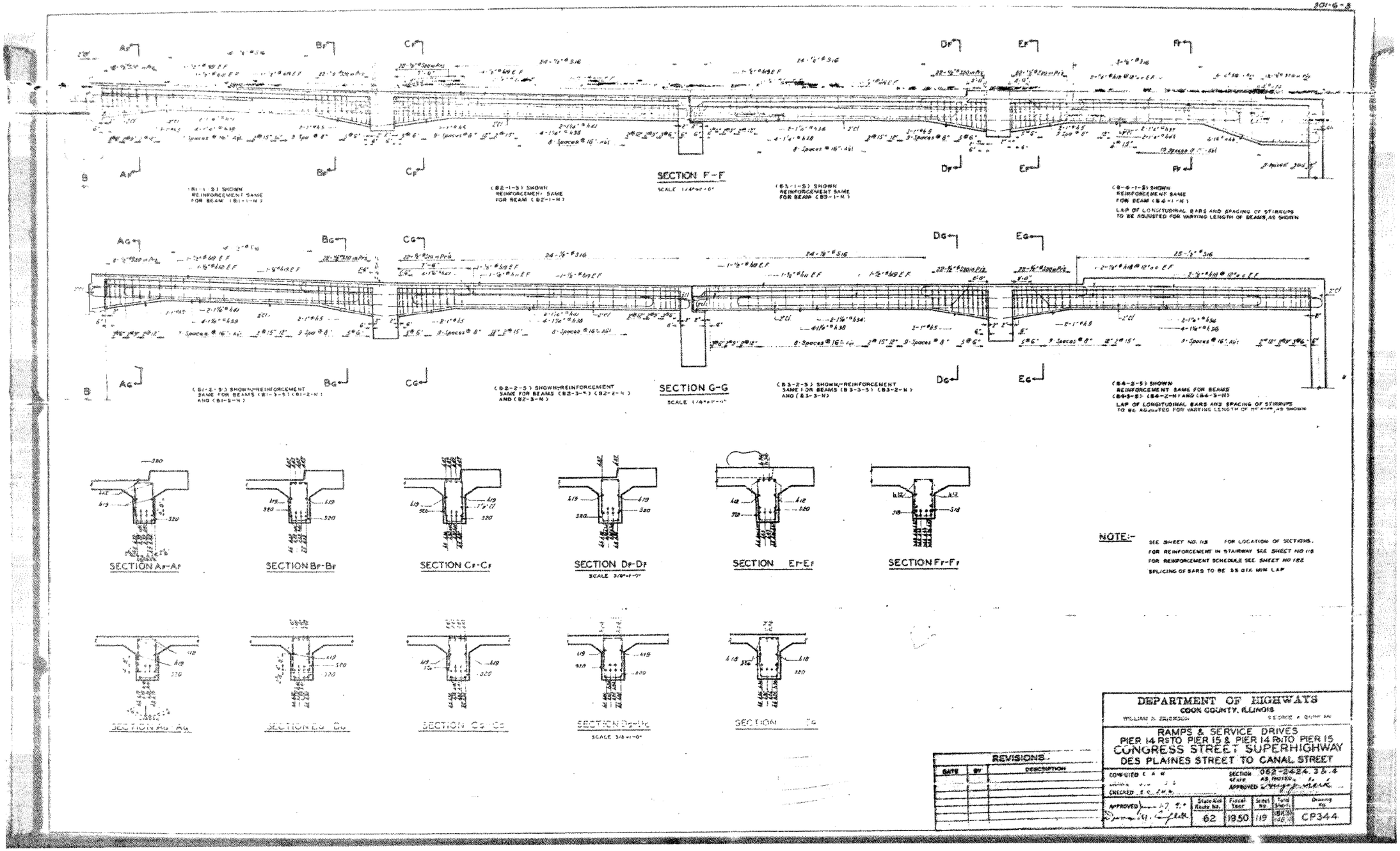


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1583
	PLOT SCALE = N.T.S	DRAWN -	REVISED -						CONTRACT NO. 60X93	
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\005_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing579

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FOR INFORMATION ONLY

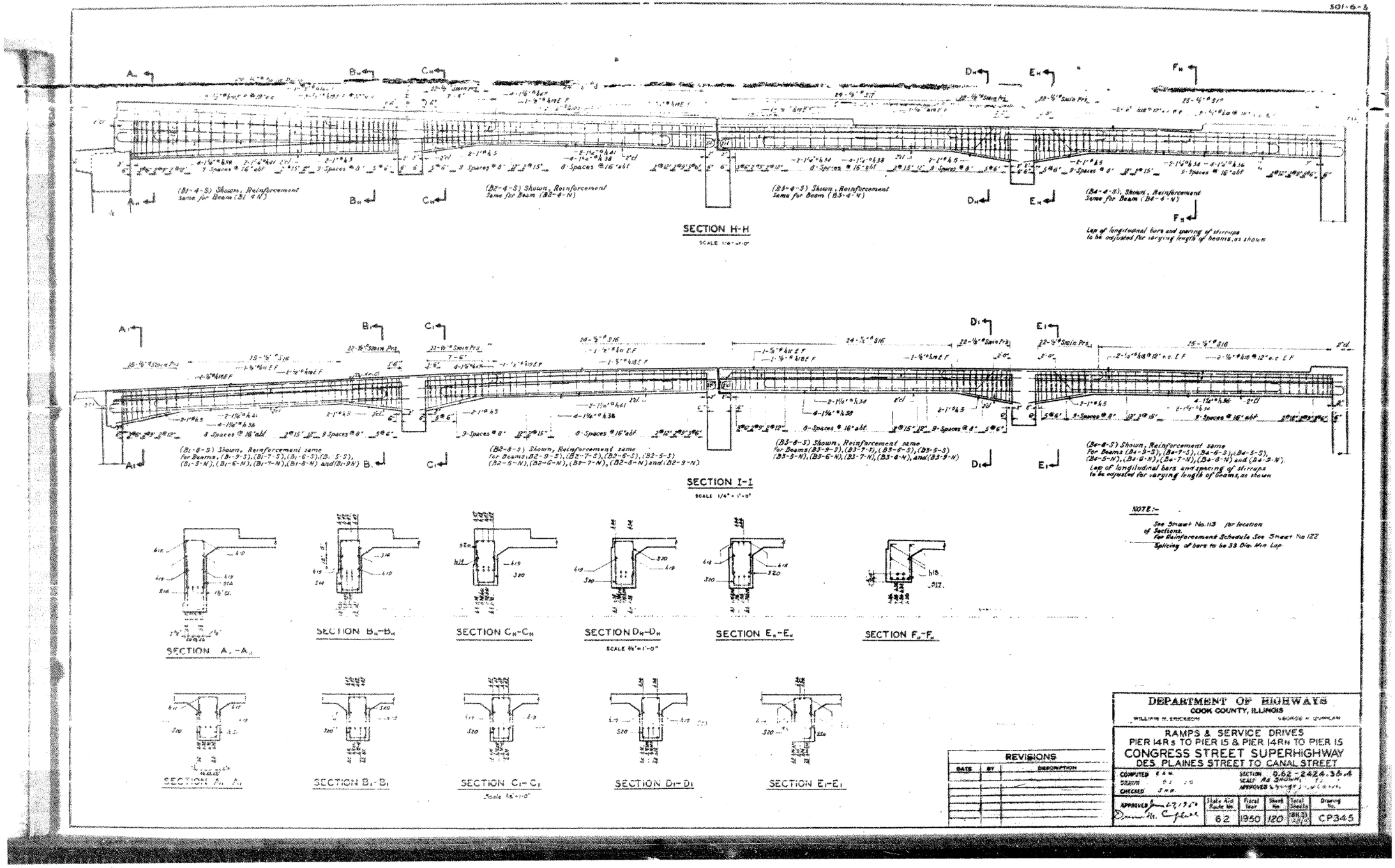


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1584
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircleIPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\160461-60X93-SXX-Existing580
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FOR INFORMATION ONLY



NOTE:-

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

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. ERICKSON — HIGHWAY ENGINEER

RAMPS & SERVICE DRIVES
PIER 14Rs TO PIER 15 & PIER 14Rn TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED E.A.M.
DRAWN G.J. J.G.
CHECKED S.M.B.
SECTION 0.62-2424.36A
SCALE AS SHOWN
APPROVED

APPROVED June 27, 1960
Director of Highways

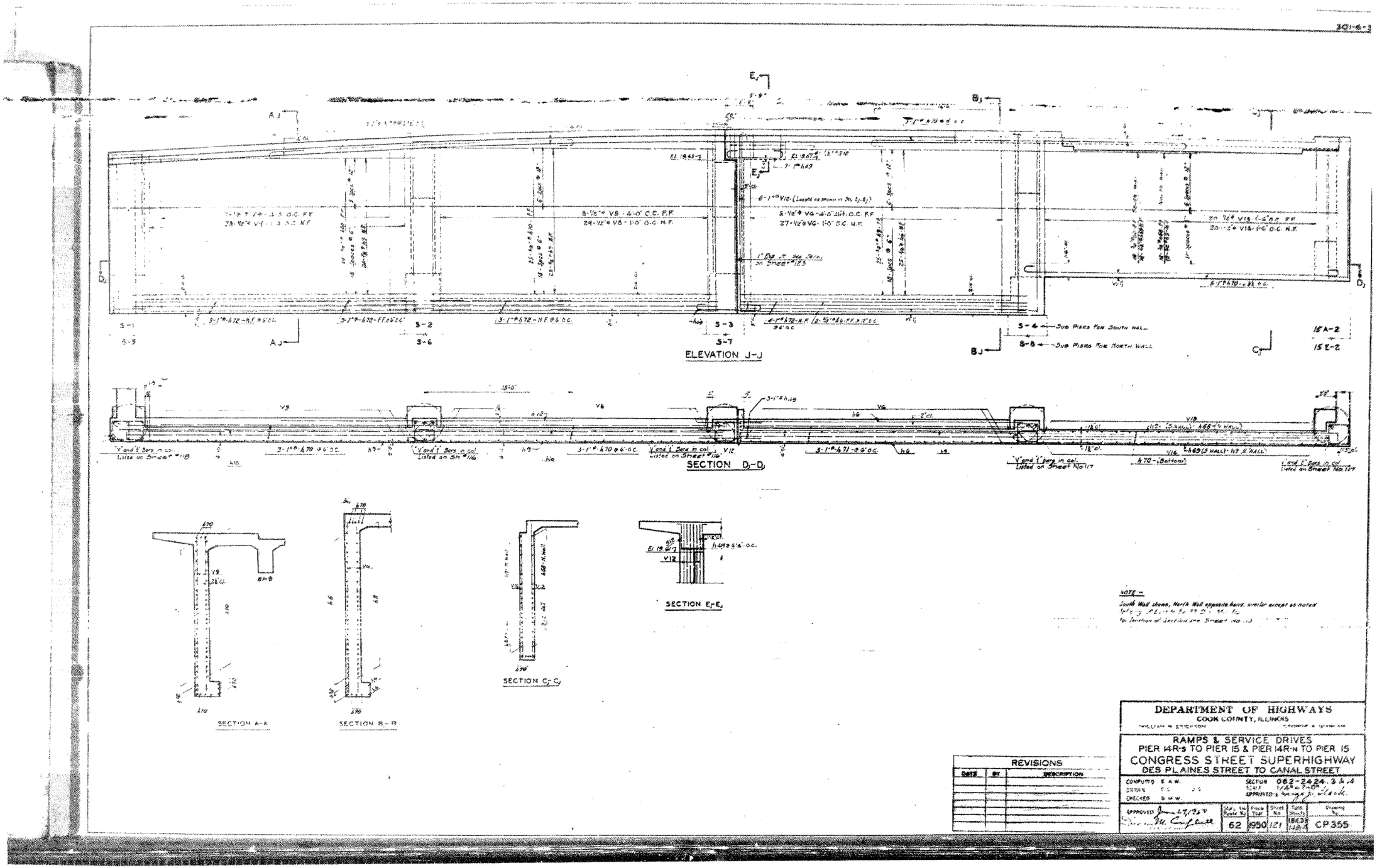
State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	120	1811	CP345

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1585
		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing581
2:00:05 PM

FOR INFORMATION ONLY



REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

RAMPS & SERVICE DRIVES
PIER 14R-S TO PIER 15 & PIER 14R-N TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED E.A.W.
DRAWN
CHECKED E.A.W.
SECTION 082-2424, 3&4
SCALE 1/8"=1'-0"
APPROVED for Chief Engineer

APPROVED	STP, Int. Route No.	Road Year	Sheet No.	Total Sheets	Drawing No.
6/27/28	62	1950	121	184 & 185	CP355

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1586
	PLOT SCALE = N.T.S	DRAWN -	REVISED -					CONTRACT NO. 60X93		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -				ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_DS02_NAIDocuments\01 Americas\Transportation\60269938 Circle\Phase_II\000_CAD\008_Structural\Structural\Structure_016-1718\Existing Plans\016046I-60X93-SXX-Existing582
2:00:13 PM

FOR INFORMATION ONLY

REINFORCEMENT SCHEDULE

TYPE 1 | TYPE 2 | TYPE 3 | TYPE 4 | TYPE 5 | TYPE 6 | TYPE 7 | TYPE 8 | TYPE *

SECTION B-B
DRWG. C.P.327
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
I.E. A-A	H36	12	1"	8-6		1										
DRWG. C.P.327	V1	28	1/2"	16-6												
2 - REQUIRED	H2	4	"	13-0												
	H12	16	"	24-0												
	H26	6	"	12-0												
	H27	2	"	7-0												
	H28	2	1"	35-6		2	1-5	10-11	6-6½	35-4½			1-5	6-6	1-0½	
	H29	2	"	35-6		2	1-5	8-11	6-4½	37-4½			1-5	6-6	1-0½	
	H30	2	"	39-6		2	1-5	10-6					1-5		1-0½	
	H31	2	"	50-6		2	1-5	8-7	6-4½	49-4½			1-5	4-6	1-0½	
	H32	2	"	41-6		2	1-5	6-7	6-4½	39-4½			1-5	4-6	1-0½	
	H33	2	"	38-0		2	1-5	33-7					1-5		1-0½	
	H42	2	"	24-9		1	1-5	21-1					1-5		1-0½	
	H45	2	"	22-3		1	1-5	14-10	4-7				1-5	3-1	1-0½	
	H1	32	1/2"	10-0		8		2-2	1-2	2-2	2-2		8			
	H4	32	"	7-6		8		2-2	6-4½	2-1	1-1	1-6	8			
	H5	32	"	6-9		8		2-2	6-4½	2-1	1-1	6½	8			
	H6	48	"	13-9				5-1	2-3	5-1			8			
	H8	1	"	12-3		4		5-0	2-3	5-0						
	H7	1	"	11-9		4		4-9	2-3	6-3						
	H9	1	"	10-9		4		1-3	2-3	6-3						
	H10	1	"	9-3		4		3-6	2-3	3-6						
	H11	1	"	8-9		4		3-3	2-3	3-3						
	H18	6	"	6-3		4		2-0	2-3	2-0						
	H34	7	"	36-0												
	V3	28	1/2"	18-0												
	H6	4	1"	13-0												
	H7	16	1/2"	33-0												
	H13	4	"	24-6												
	H15	8	"	22-0												
	H17	2	"	10-0												
	H38	2	1"	39-9		2	1-5	7-1½	6-4½	28-1			1-5	4-6	1-0½	
	H33	2	"	39-9		2	1-5	4-11½	6-4½	26			1-5	4-6	1-0½	
	H24	2	"	55-6		2	1-5	10-11	6-4½	2 25-6½			1-5	4-6	1-0½	
	H37	2	"	55-6		2	1-5	8-11	6-4½	37-4½			1-5	4-6	1-0½	
	H18	7	"	49-6		1	1-5	5-0 6					1-5		1-0½	
	H24	3	"	50-6		2	1-5	2-5	5-10½	39 4½			1-5	4-2	1-0½	
	H35	2	"	34-0		1	1-5	31-2					1-5		1-0½	
	H49	7	"	29-3		1	1-5	26-1					1-5		1-0½	
	H40	2	"	24-6		1	1-5	18-5	3-3				1-5	2-2	1-0½	
	C1	30	1/2"	10-0		4	8	2-2	2-2	2-2	2-2		8			
	C2	30	"	8-9		4	8	2-2	1-5½	2-2	1-6½		8			
	C4	15	"	7-6		2	8	1-2	2-2	1-1	1-1	1-6½	8			
	C3	30	"	6-9		4	8	2-2	6½	2-2	6½		8			
	S8	48	"	12-9				5-3	2-3	5-3						
	S7	2	6/8	11-7		4		4-9	2-3	4-9						
	S9	24	"	6-3		4		2-0	2-3	2-0						
	S1	59	6/8	11-7				4-9	2-3	4-9						
	V2	28	1/2"	11-7												
	H1	4	"	10-0												
	H4	4	1"	13-0												
	H7	16	1/2"	33-0												
	H13	6	"	24-0												
	H8	2	"	20-9												
	H11	4	"	18-0												
	H22	2	1/2"	56-0		2	1-5	8-8	8-3½	36-1½			1-5	5-10½	1-0½	
	H23	2	"	56-0		2	1-5	10-8	8-1½	36-6½			1-5	5-10½	1-0½	
	H25	2	"	42-6		1	1-5	4-8					1-5		1-0½	
	H29	3	"	42-3		1	1-5	3-8					1-5		1-0½	
	H44	2	"	12-3		1	1-5						1-5		1-0½	
	H43	2	"	22-3		1	1-5						1-5		1-0½	
	H46	2	1"	28-3		5	1-5	14-10	4-7				1-5	3-1	1-0½	
	H47	2	"	10-5		1	1-5	8-2	2-3	2-3	2-3	2-3	8			
	H3	2	"	22-0												

SECTION C-C
DRWG. C.P.328
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	V5	28	1/2"	18-0												
	H6	4	1"	13-0												
	H7	16	1/2"	33-0												
	H13	4	"	24-6												
	H15	8	"	22-0												
	H17	2	"	10-0												
	H38	2	1"	39-9		2	1-5	7-1½	6-4½	28-1			1-5	4-6	1-0½	
	H33	2	"	39-9		2	1-5	4-11½	6-4½	26			1-5	4-6	1-0½	
	H24	3	"	55-6		2	1-5	10-11	6-4½	2 25-6½			1-5	4-6	1-0½	
	H37	2	"	55-6		2	1-5	8-11	6-4½	37-4½			1-5	4-6	1-0½	
	H18	7	"	49-6		1	1-5	5-0 6					1-5		1-0½	
	H24	3	"	50-6		2	1-5	2-5	5-10½	39 4½			1-5	4-2	1-0½	
	H35	2	"	34-0		1	1-5	31-2					1-5		1-0½	
	H49	7	"	29-3		1	1-5	26-1					1-5		1-0½	
	H40	2	"	24-6		1	1-5	18-5	3-3				1-5	2-2	1-0½	
	C1	30	1/2"	10-0		4	8	2-2	2-2	2-2	2-2		8			
	C2	30	"	8-9		4	8	2-2	1-5½	2-2	1-6½		8			
	C4	15	"	7-6		2	8	1-2	2-2	1-1	1-1	1-6½	8			
	C3	30	"	6-9		4	8	2-2	6½	2-2	6½		8			
	S8	48	"	12-9				5-3	2-3	5-3						
	S7	2	6/8	11-7		4		4-9	2-3	4-9						
	S9	24	"	6-3		4		2-0	2-3	2-0						
	S1	59	6/8	11-7				4-9	2-3	4-9						

SECTION D-D
DRWG. C.P.326
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	V2	28	1/2"	11-7												
	H1	4	"	10-0												
	H4	4	1"	13-0												
	H7	16	1/2"	33-0												
	H13	6	"	24-0												
	H15	8	"	22-0												
	H8	2	"	20-9												
	H11	4	"	18-0												
	H22	2	1/2"	56-0		2	1-5	8-8	8-3½	36-1½			1-5	5-10½	1-0½	
	H23	2	"	56-0		2	1-5	10-8	8-1½	36-6½			1-5	5-10½	1-0½	
	H25	2	"	42-6		1	1-5	4-8					1-5		1-0½	
	H29	3	"	42-3		1	1-5	3-8					1-5		1-0½	
	H44	2	"	12-3		1	1-5						1-5		1-0½	
	H43	2	"	22-3		1	1-5						1-5		1-0½	
	H46	2	1"	28-3		5	1-5	14-10	4-7				1-5	3-1	1-0½	
	H47	2	"	10-5		1	1-5	8-2	2-3	2-3	2-3	2-3	8			
	H3	2	"	22-0												

SECTION E-E
DRWG. C.P.328
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	S3	16	1/2"	8-9		6	8	2-2	1-0½	2-2	1-6½		8			
	S4	36	"	7-6		6	8	2-2	2-2	1-1	1-1	1-6½	8			
	S5	36	"	9-2		6	8	2-2	6½	2-2	6½		8			
	S11	21	"	17-0		4	6½	6-8		2-3	6-8		8½			
	S2	27	"	18-6		4	6½	5-5		2-3	5-5		8½			
	S3	2	"	13-9		4		5-9		2-3	5-9					
	S6	1	"	12-3		4		5-0		2-3	5-0					
	S8	1	"	10-9		4		4-3		2-3	6-3					
	S9	1	"	9-3		4		2-0		2-3	3-0					
	S12	6	1/2"	6-3		4		2-0		2-3	2-0					
	S6	15	5/8"	5-0		4				1-6	3-6					
	H53	3	"	26-9		1	1-1	26-7					1-1		10	
	H52	8	"	29-3		8	1-1	2-7	5-1	9-9	5-1		1-1	3-7	10	23-7
	H13	12	1/2"	26-6												
	H54	8	"	8-0		4			2-11½	3-9	2-11½					
	V1	20	1/2"	16-0												
	S6	13	"	13-0		6	8	1-6	1-11	1-6	1-11		8			
	S21	24	"	8-6		6	8	1-8	1-11	1-8	1-11		8			
	S22	16	"	10-7		4		3-6	3-9	3-6						
	S22	16	"	8-0		4		2-11½	3-9	2-11½						
	S1	25	5/8"	11-0		4		6-8	1-2	6-8						
	H81	16	"	4-0												
	H5	10	1/4"	5-6												
	H55	8	1/2"	35-0												
	H6	24	"	38-6		1	1-5	35-8					1-5		1-0½	
	H5	4	"	14-6												
	V16	20	3/8"	16-6												
	S7	52	"	9-3		6	8	2-2	1-9½	2-2	1-9½		8			
	S9	13	"	10-0		6	8	2-8	1-8	2-8	1-8		8			
	H56	6	1/2"	7-6		1	7	6-6					7		5	

SECTION F-F
DRWG. C.P.344
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H5	10	1"	6-0												
	H11	4	1/2"	26-6												
	H12	6	"	23-0												
	H19	12	1/2"	16-0												
	H34	2	1/2"	40-0		2	1-5	12-6	2-6	22-0			1-5	1-9½	1-0½	
	H36	2	"	34-3		1	1-5	32-10							1-0½	
	H37	2	"	33-3		2	1-5	9-3	2-6	19-8			1-5	1-9½	1-0½	
	H38	2	"	32-3		1	1-5	30-10							1-0½	
	H39	4	"	31-6		1	1-5	30-1							1-0½	
	H41	4	"	27-6		1	1-5	24-8					1-5		1-0½	
	H43	2	"	27-9		1	1-5	26-4							1-0½	
	H46	3	"	18-0		5	1-5	6-2	3-0				1-5	3-8	1-0½	
	H47	4	"	20-8		1	1-5	17-8					1-5		1-0½	
	S16	75	1/2"	7-0		4	7½	2-3	1-3	2-5			7½			
	S18	8	"	6-6		4		2-7½	1-3	2-7½						
	S20	124	"	5-9		4		2-3	1-3	2-3						

SECTION G-G
DRWG. C.P.344
4 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H5	10	1"	5-0												
	H11	4	1/2"	26-6												
	H12	2	"	23-0												
	H18	8	"	17-0												
	H19	12	"	16-0												
	H34	4	1½"	40-0		2	1-5	12-6	2-6	22-0			1-5	1-9½	1-0½	
	H36	4	"	34-3		1	1-5	32-10							1-0½	
	H38	8	"	32-3		1	1-5	30-10							1-0½	
	H39	4	"	31-6		1	1-5	30-1							1-0½	
	H41	4	"	27-6		1	1-5	24-8					1-5		1-0½	
	H43	4	"	27-9		1	1-5	26-4							1-0½	
	H46	4	"	22-8		1	1-5	17-6					1-5		1-0½	
	S16	67	1/2"	7-0		4	7½	2-3	1-3	2-5			7½			
	S18	8	"	6-6		4		2-7½	1-3	2-7½						
	S20	124	"	5-9		4		2-3	1-3	2-3						

SECTION H-H
DRWG. C.P.345
2 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H3	2	1"	27-0												
	H5	6	"	6-0												
	H11	4	1/2"	24-6												
	H12	2	"	23-0												
	H18	8	"	17-0												
	H19	16	"	15-0												
	H36	4	1¼"	40-0		2	1-5	12-6	2-6	22-0			1-5	1-9½	1-0½	
	H34	4	"	34-3		1	1-5	32-10							1-0½	
	H38	8	"	32-3		1	1-5	30-10							1-0½	
	H39	8	"	31-6		1	1-5	30-1							1-0½	
	H41	4	"	27-6		1	1-5	24-8					1-5		1-0½	
	H43	4	"	27-9		1	1-5	26-4							1-0½	
	H46	4	"	22-8		1	1-5	17-6					1-5		1-0½	
	S16	65	1/2"	7-0		4	7½	2-3	1-3	2-5			7½			
	S11	73	"	7-0		4		2-3	1-3	2-3			7½			
	S20	66	"	5-9		4		2-3	1-3	2-3						

I-I
GORE

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H5	10	1"	5-0												
	H11	6	1/2"	24-6												
	H8	14	"	17-0												

SEC. I-I
DRWG. C.P.345
10 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H19	6	1"	16-0												
	H36	4	"	40-0		1	1-5	32-10	2-6	22-0			1-5			
	H38	4	"	38-3		1	1-5	36-10								
	H41	4	"	32-3		1	1-5	29-10								
	H43	4	"	27-6		1	1-5	24-8					1-5			
	H47	4	"	27-9		1	1-5	26-4								
	H67	4	"	20-6		1	1-5	17-8					1-5			
	V6	85	1/2"	7-0		4	7½	2-3	1-3	2-3			7½			
	S20	106	"	5-9		4		2-3	1-3	2-3						

ELEVATION J-J
DRWG. C.P.355
1 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H5	18	5/8"	35-6												
	H6	14	"	30-8												
	H9	146	"	33-6												
	H10	28	"	33-9												
	H43	23	1"	7-9		1	1-1	5-7								
	H66	15	5/8"	34-0												
	H69	15	"	35-0												
	H70	38	1"	34-9		1	1-1	32-7								
	H71	5	"	33-3		1	1-1	31-1								
	H72	36	1/8	31-2												
	V9	70	1/2"	18-0												
	V8	75	"	17-6												
	V9	70	"	16-3												
	V12	12	1"	20-3		1	1-1	18-1								
	V13	40	1/2"	13-9												
	V14	40	"	12-6												
	S12	8	"	8-9												

ELEVATION K-K
DRWG. C.P.325
1 - REQUIRED

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	K
	H51	7	1"	18-0												
	H58	6	"	17-8												
	H58	2	"	15-0												
	H65	2	"	13-0												
	H61	2	"	11-0												
	H62	8	"	9-0												
	V18	7	"	7-9												
	V16	2	"	7-3												
	H63	2	"	7-0												
	V17	8	"	6-9												
	V18	2	"	6-3												
	H64	27	"	6-0												
	V15	2	"	5-9												
	V20	2	"	5-3												
	H65	2	"	5-0												
	V21	2	"	4-9												
	V22	2	"	4-3												
	V23	2	"	3-9												
	V24	2	"	3-3												
	H66	2	"	3-0												
	V25	2	"	2-9												
	V26	2	"	2-3												
	V27	2	"	1-9												
	V28	2	"	1-3												
	S10	16	"	4-3												
	V29	6	1/4	8-0												
	H67	15	5/8	12-3												
	H36	18	"	7-6												

Class "A" Concrete (From Sheets 113-123 inc.) 1457.0 Cu Yds.
Reinforcement Bars (From Sheets listed above) 314,810 lbs.

REVISIONS

DATE	BY	DESCRIPTION
11-11-49	Lewis	Plan Diversity

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS

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

COMPUTED B.C. SECTION 062-2424.3 & 4
DRAWN C.S. J.D.
CHECKED J.M.W. APPROVED Thomas J. Clark
APPROVED Jan 27, 50 Director of Highways

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets in this Set	Drawing No.
62	1950	122	149	CP 356

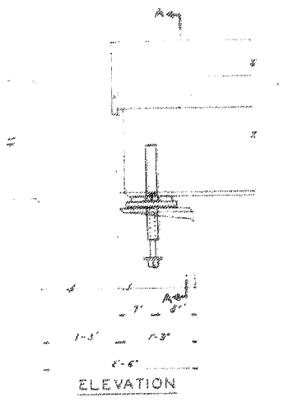
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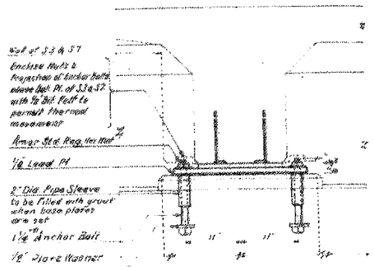
HBM ENGINEERING GROUP, LLC

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

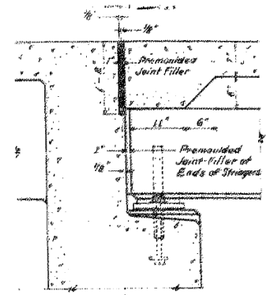
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1587
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

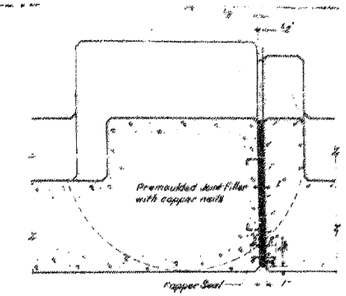




SECTION A-A



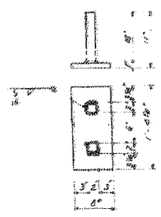
TRANS. EXPANSION JOINT FOR SLAB



SOUTH WALL EXPANSION JOINT (AT S-3)

NORTH WALL EXPANSION JOINT SIMILAR (AT S-7)

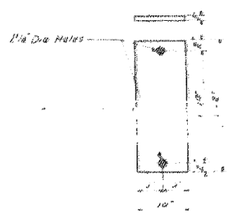
Note: Detail above is typical for all joints requiring premoulded joint filler & copper seal strip



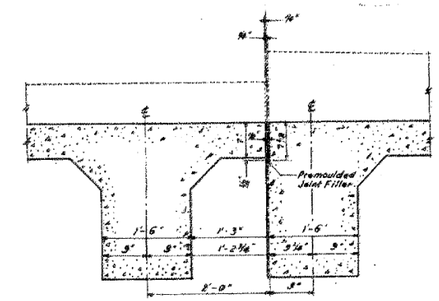
2- Straps 2"x 3/8" x 1'-0" (Welded to Top Pl.)
1- Top Pl. 8"x 1'x 1'-4 1/2"
2- Cut washers
1- Bot. Pl. 10"x 1'x 0'-3"
2- Anchor Bars 1 1/4"x 2'-0" Long (Bolt Details see Sht. No. 43)
2- 1/8" Plate Washers 6"x 6"x 3"
2- Pipe Sleeves 2" Ø x 6" long
1- Lead Pl. 10"x 1'-3"x 2'-8"

MATERIAL FOR ONE ASSEMBLY
20 REQUIRED - TOTAL WT. 3205 LBS

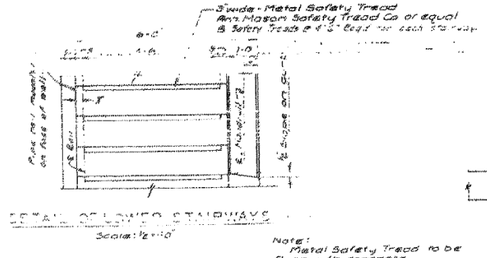
NOTE:-
Estimated weights of Steel Plates, Lead Plates Anchor Bolts and Pipe Sleeves are included in the weight of Structural Steel
The Elbaroism Assemblies will be furnished by the Contractor for Sec 062-2424.5 and erected by the Contractor for Sec. 062-2424.3.



DETAIL OF STRINGER EXPANSION BEARINGS

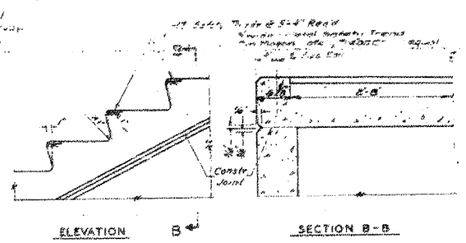


LONG. EXPANSION JOINT FOR SLAB



DETAIL OF LOWER STAIRWAYS

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



ELEVATION B SECTION B-B

DETAIL OF STAIR SLAB TO SUPERHIGHWAY

TREAD & RISER TYPICAL FOR CONCRETE STAIRS

SCALE 1"=1'-0"

REVISIONS		
DATE	BY	DESCRIPTION
Nov. 1, '50	E.C.	Rev. To Agree with Quants.

NOTE:-
Copper seal shall be 16 oz. cold rolled annealed copper with alternate corrugated edges to interlock with joint filler and shall be furnished in such width and for lines & grades
Weight of Structural Steel on this Sheet is 3205 lbs.
It shall be Furnished by Contractor for Section 2424.3 and shall be erected by Contractor for Section 2424.5

Total Length of Metal Safety Tread = 28.5 ft

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

RAMPS & SERVICE DRIVES
PIER 14 Rs TO PIER 15 & PIER 14 Rn TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED C.A.W. — SECTION 062-2424.3 & 4
DRAWN E.A.W. J.G. — SCALE 1"=10'-0" & 1"=1'-0"
CHECKED S. M. W. — APPROVED [signature]

APPROVED	Name And Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
	62	1950	123	588 (83 Sht. Cont.)	CP357

HBM ENGINEERING GROUP, LLC

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

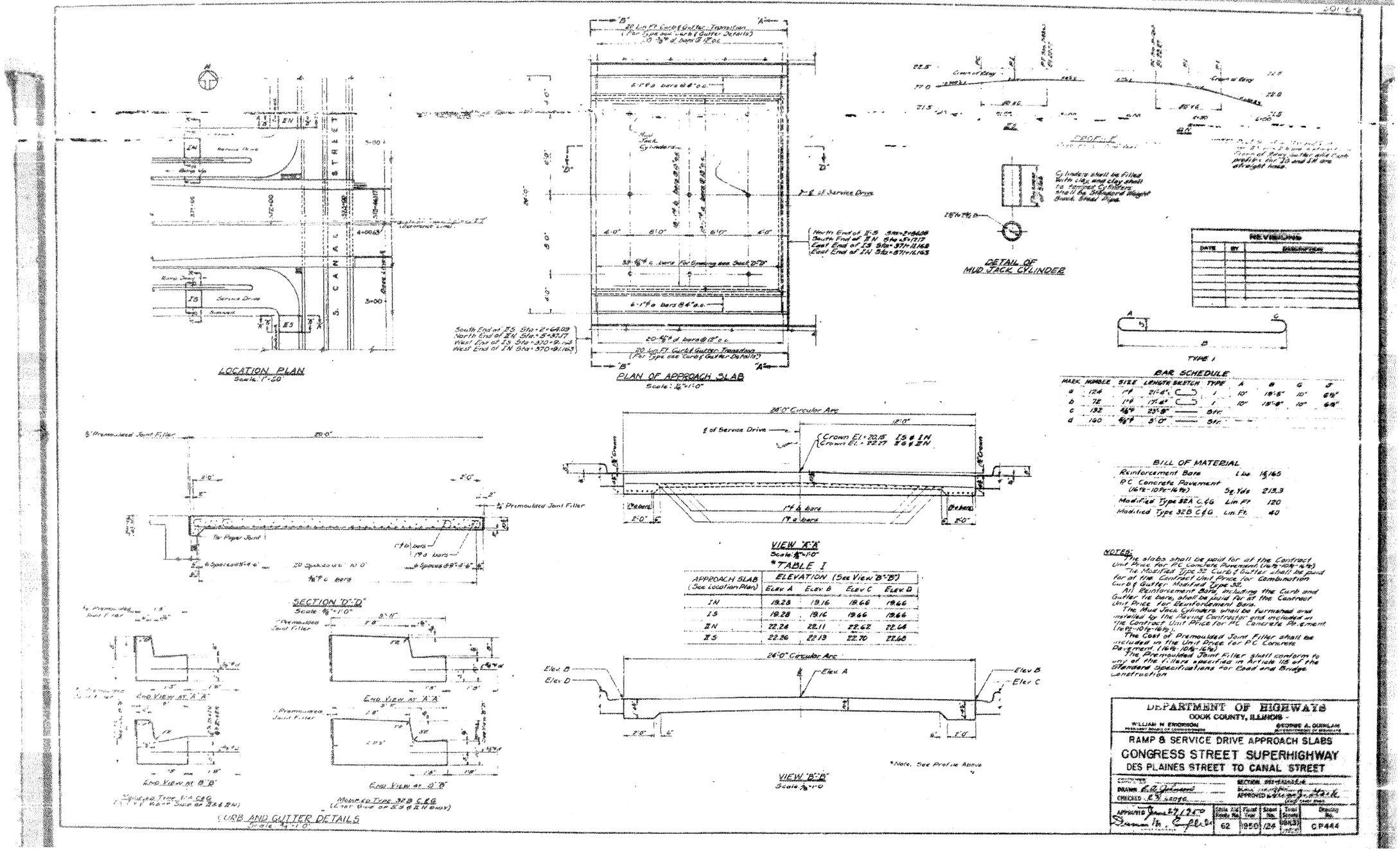
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1588
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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FOR INFORMATION ONLY



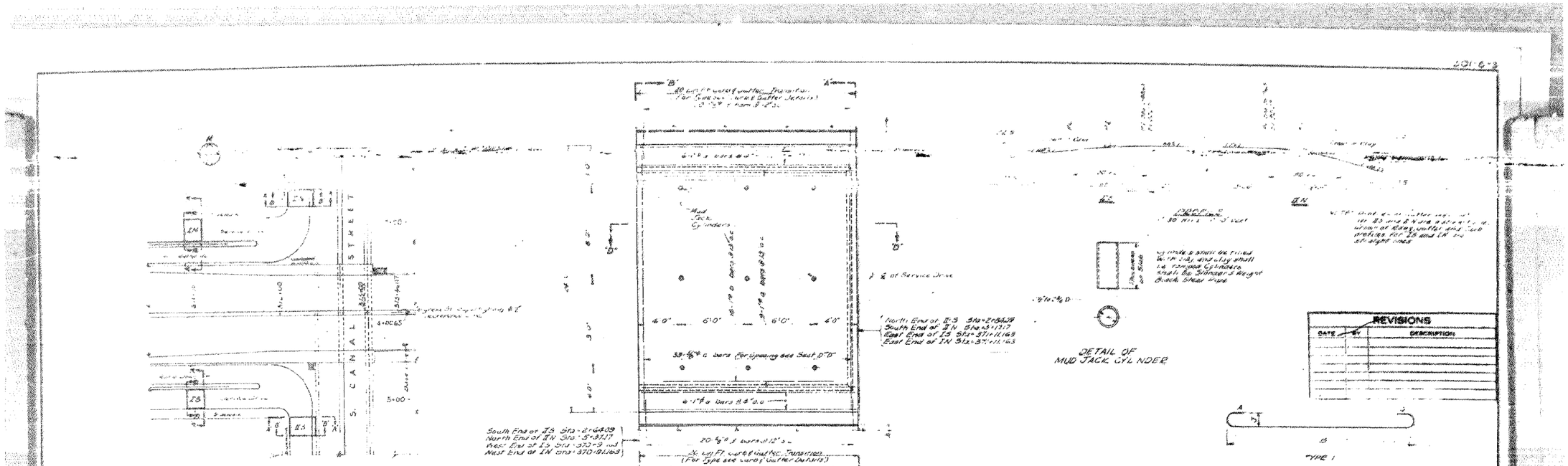
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1589
		CONTRACT NO. 60X93		
	ILLINOIS FED. AID PROJECT			

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing585

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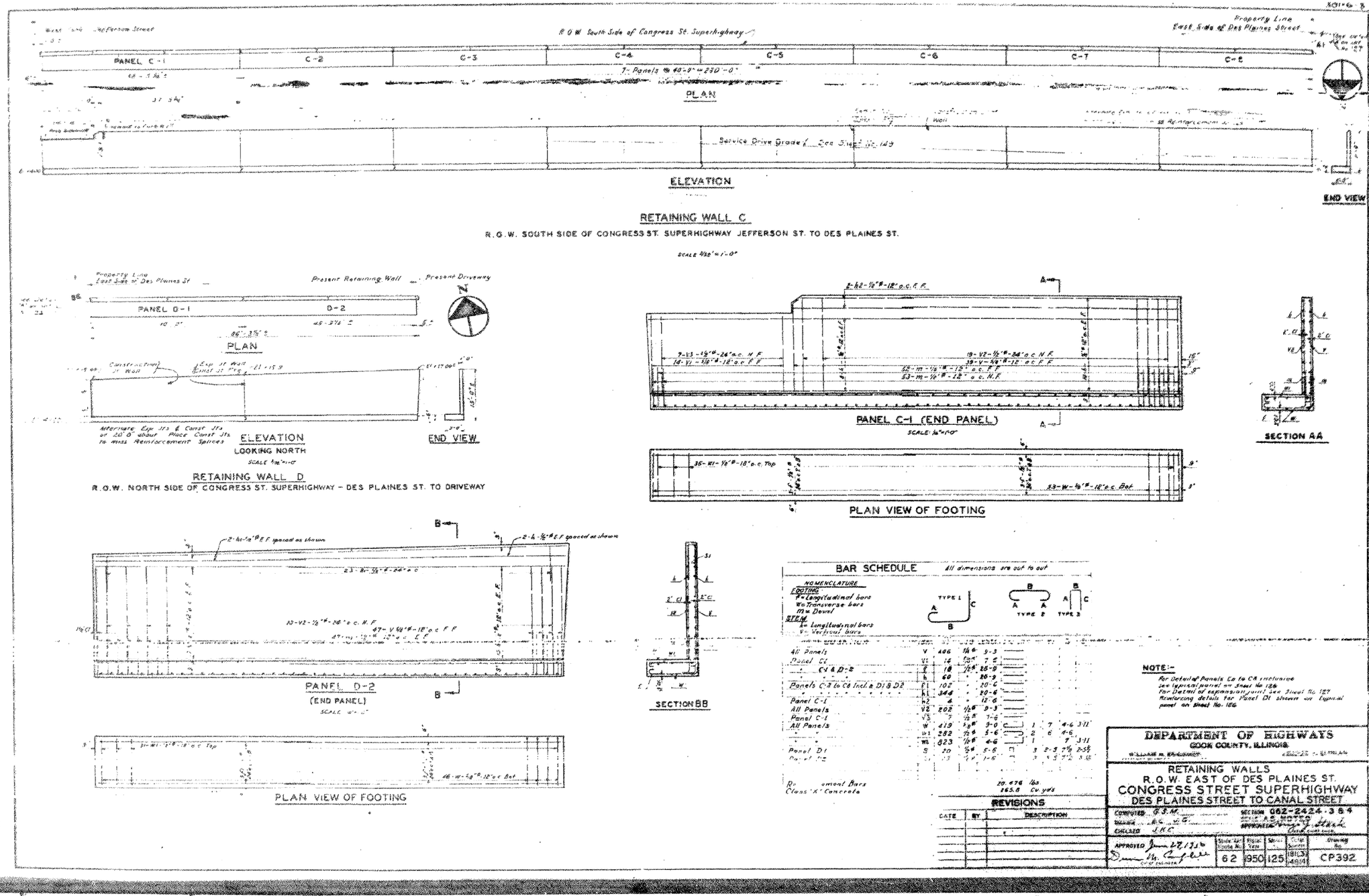
FOR INFORMATION ONLY



HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FOR INFORMATION ONLY

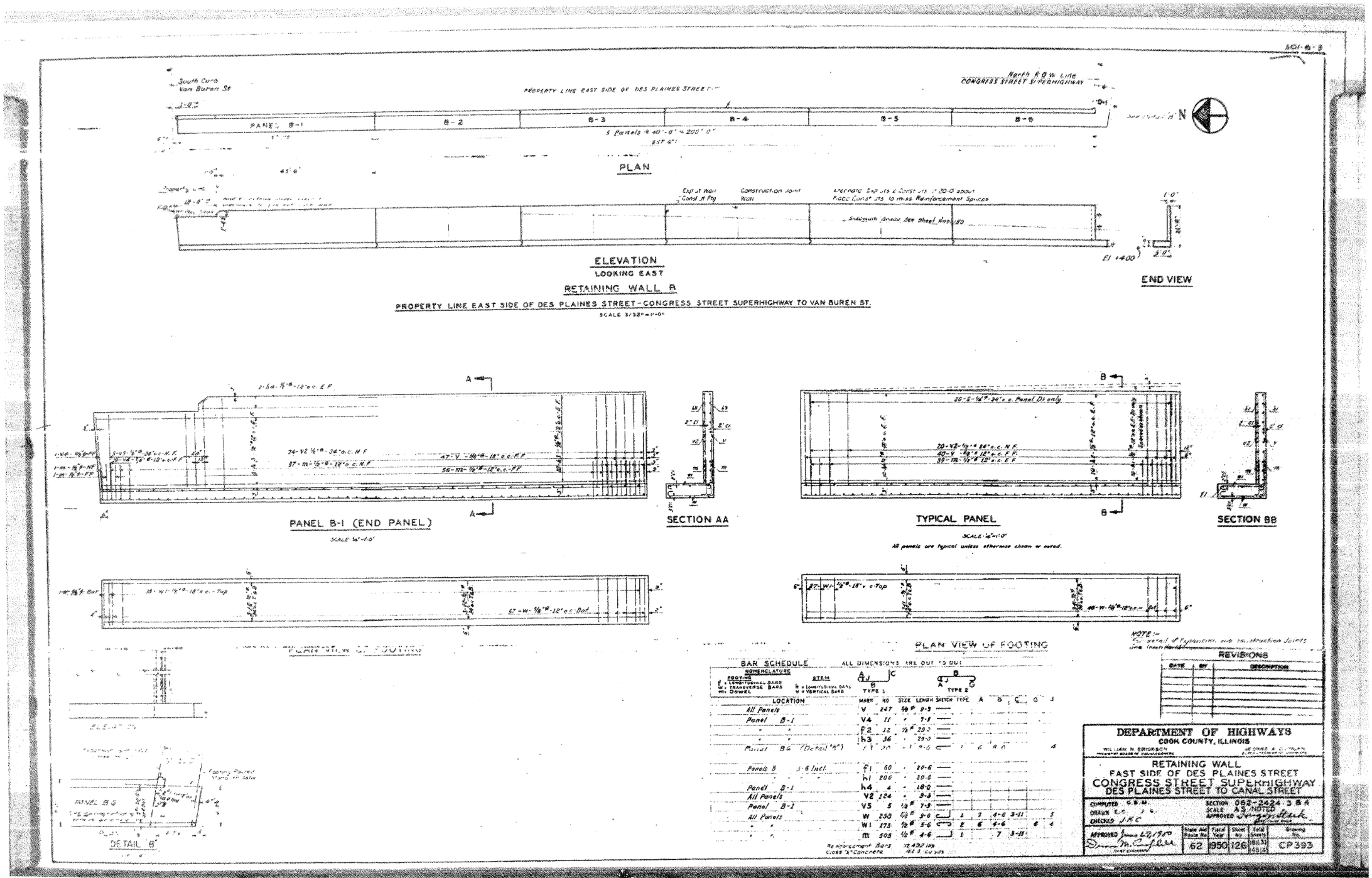


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1591
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FOR INFORMATION ONLY



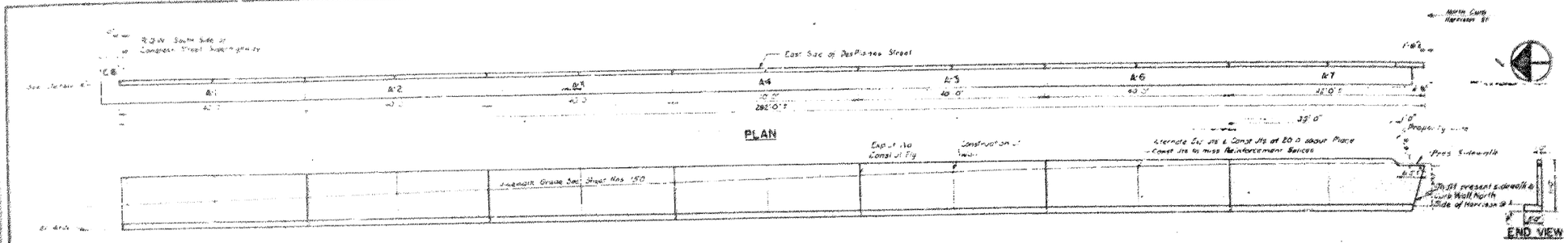
HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
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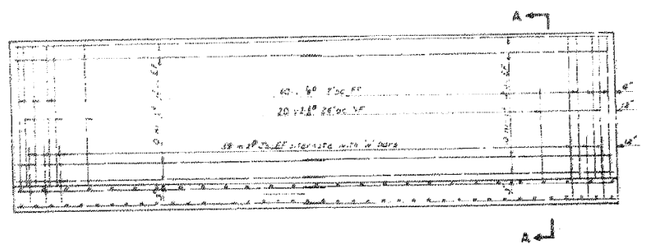
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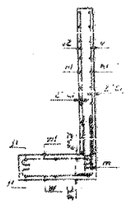
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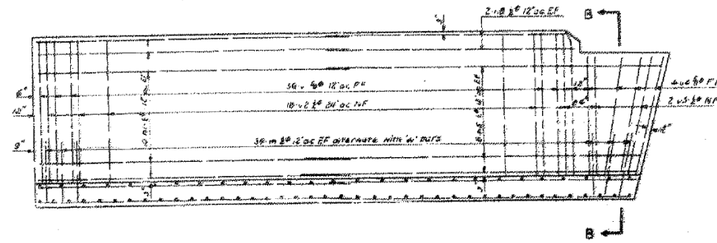
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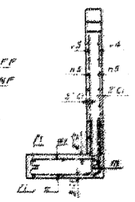
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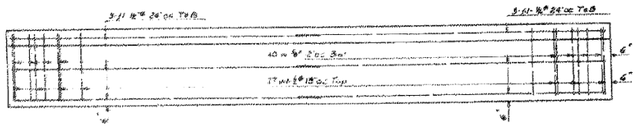


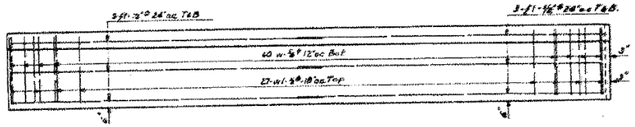


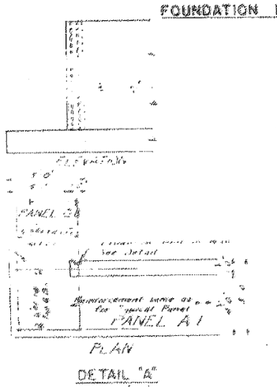








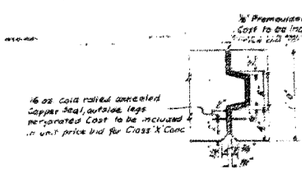




BILL OF MATERIAL (All dimensions are out to out)

LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	G	J
All Panels	V	275	#3	8'-3"							
End Panel	V1	6	"	7'-9"							
All Panels	W	220	"	9'-0"	C	1	7	6"-0"	3'-6"		5"
"	W1	260	#6	20'-6"							
End Panel	W5	16	"	12'-6"							
"	"	"	"	"							
All Panels	Y	84	"	20'-6"							
Panel A1 (Cut X)	Y3	20	#4	8'-6"	C	2	6	8'-6"			4"
All Panels	Y2	138	"	9'-5"							
End Panel	Y5	2	"	7'-8"							
All Panels	W1	188	"	5'-6"	C	2	6	4'-6"	6"		4"
"	M	548	"	4'-6"		3		3'-11"			3"

Reinforcement Bars 13,231 lbs
Class 'X' Concrete 77.2 Cu yds



REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED BJM
DRAWN [illegible]
CHECKED JRC
APPROVED [illegible]
SECTION C62-2424-3 B-R
SCALE AS NOTED
APPROVED [illegible]

State Cont Route No	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
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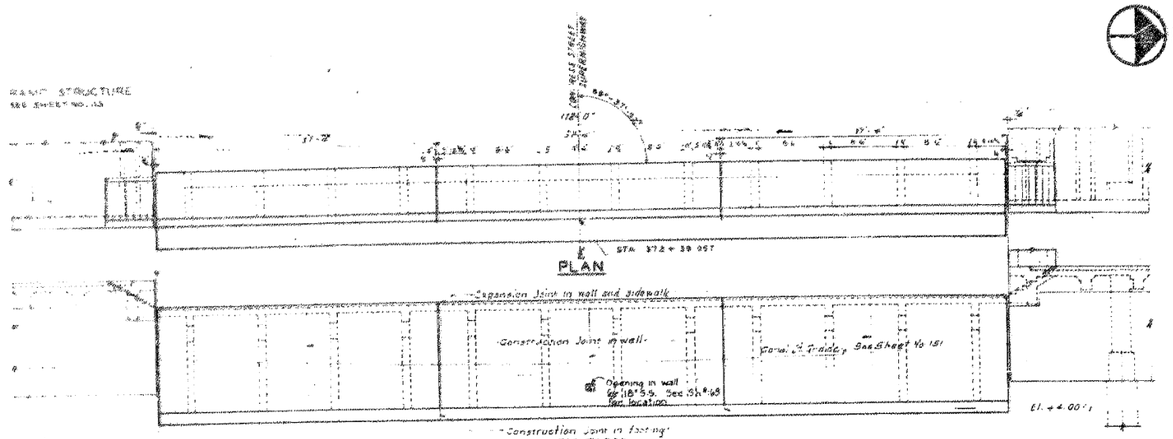
HBM ENGINEERING GROUP, LLC

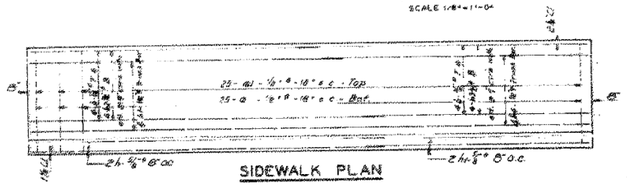
USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	
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PLOT SCALE = N.T.S	DRAWN -	REVISED -			
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -			

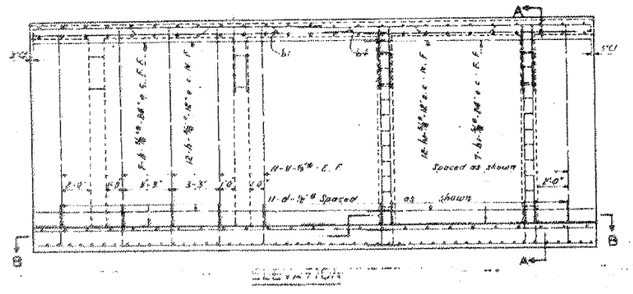
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		ILLINOIS FED. AID PROJECT		

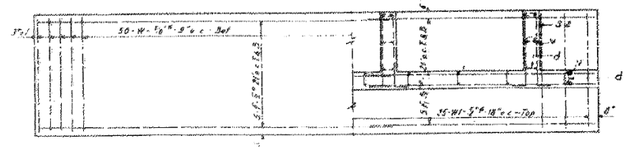
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FOR INFORMATION ONLY

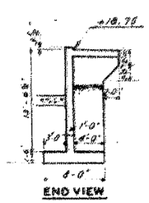


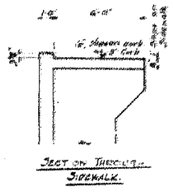






TYPICAL REINFORCEMENT FOR PANEL





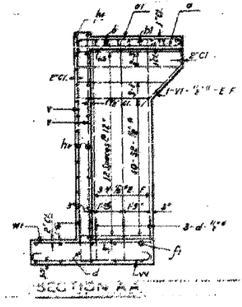
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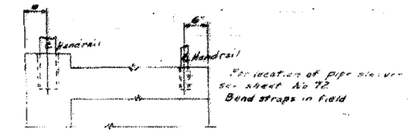
NOTE - All dimensions are out to out of bars.

TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J
w	150	½" ø	8'-9"	C	1	7"	7-7					7"		5"
f	10	½" ø	15'-3"	—										
h	63	½" ø	23'-3"	—										
b	24	½" ø	15'-6"	—										
v	138	"	13'-3"	—										
w1	75	"	9'-6"	—										
a	75	"	6'-11"	—										
b1	24	"	21'-8"	~	4	6"	6-5"	7"	4'-6"	4'-6"	4'-5"	5"		
a1	75	"	7'-3"	—	2		6'-8"	7"						
v1	24	"	5'-3"	—	3		5'-6"	1'-9"				1'-3"		
s	24	"	15'-0"	L	5	4"	6'-8"	6"	6'-8"			6"		
s1	12	"	13'-0"	L	5	6"	5'-8"	8"	5'-8"			8"		
s2	120	"	11'-0"	L	5	4"	4'-8"	8"	4'-8"			8"		
d	69	⅝" ø	6'-3"	L	5	2½"	6"	2½"						
f1	10	"	15'-0"	—										
h1	63	⅝" ø	15'-0"	—										
b2	12	⅝" ø	23'-3"	—										
b3	12	"	15'-0"	—										
b4	12	"	18'-9"	—	4	6"	6-5"	7"	4'-6"	4'-6"	1'-5"	5"		

Class 'X' Concrete 147.0 Cu Yds
Reinforcement Bars 9460. Lbs.





NOTE:-
For detail of Expansion Joint in Sidewalk See Sheet No 135
For detail of Expansion and construction Joints See Sheet No 137
For details and location of anchorage for hand rail see sheet No 71 to 74 & 87

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM M. ERICKSON, DIRECTOR OF HIGHWAYS
GEORGE A. MICHALAS, SUPERINTENDENT OF HIGHWAYS

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

COMPUTED C.S.M. E.C.
DRAWN E.C. S.A.
CHECKED R.W.M.
APPROVED 6/15/50
SUPERINTENDENT OF HIGHWAYS

SECTION 062-2424.3 BR
SCALE AS NOTED
APPROVED [illegible]
CHIEF ENGINEER

Job No.	Files No.	Sheets No.	Total Sheets	Drawing No.
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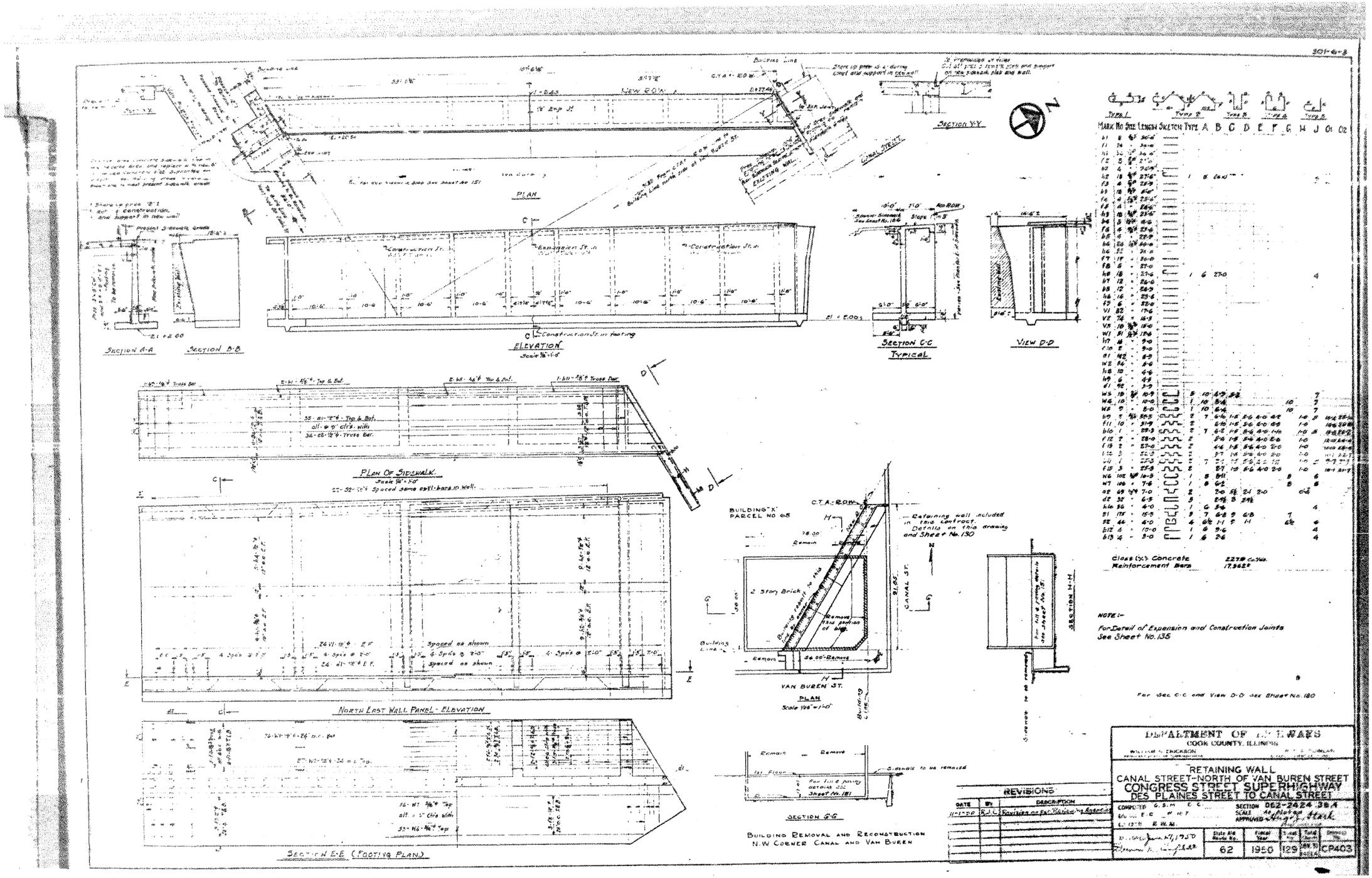
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HBM ENGINEERING GROUP, LLC

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	CHECKED -	REVISED -			
PLOT SCALE = N.T.S	DRAWN -	REVISED -			
PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY



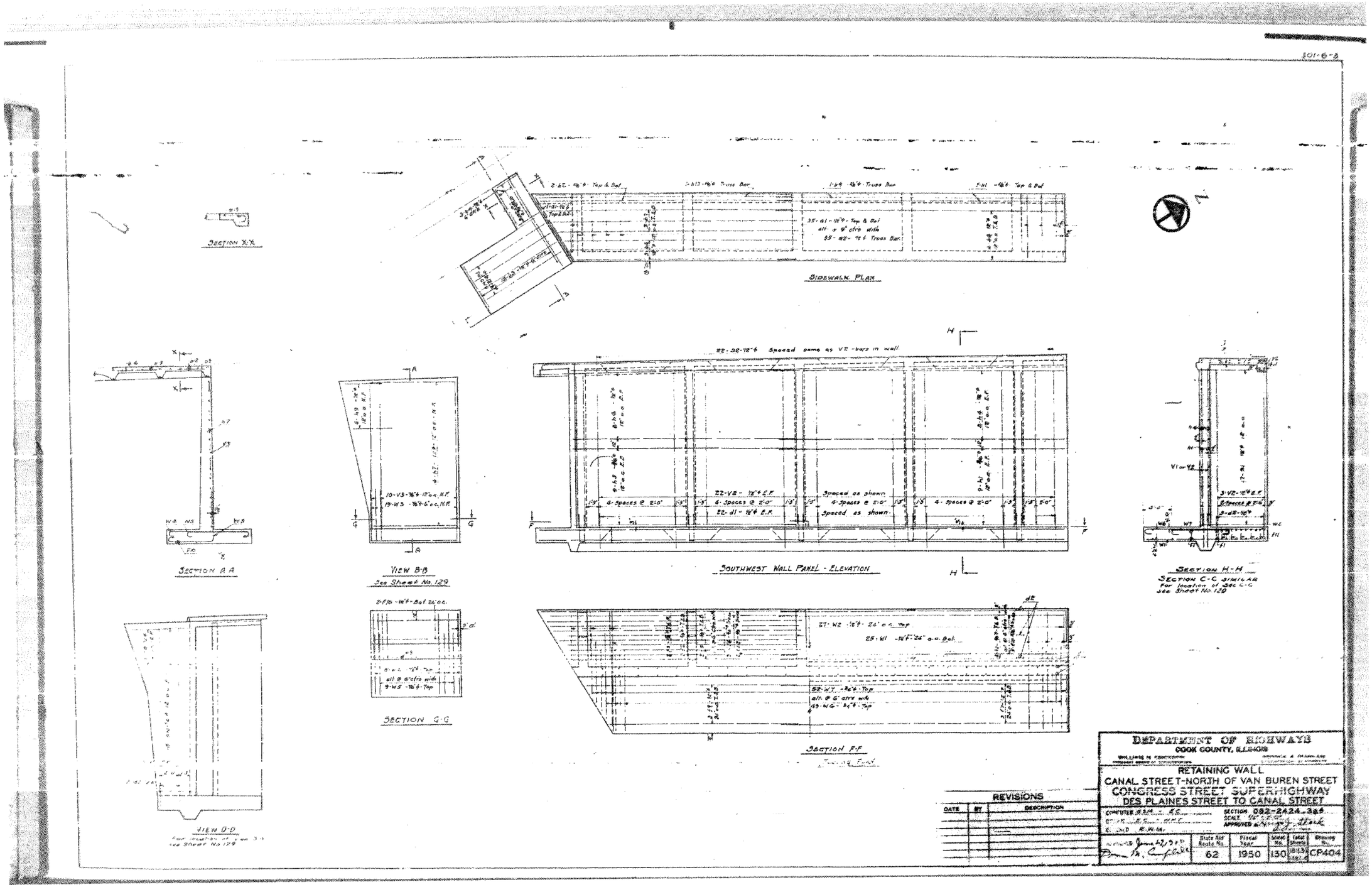
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FOR INFORMATION ONLY

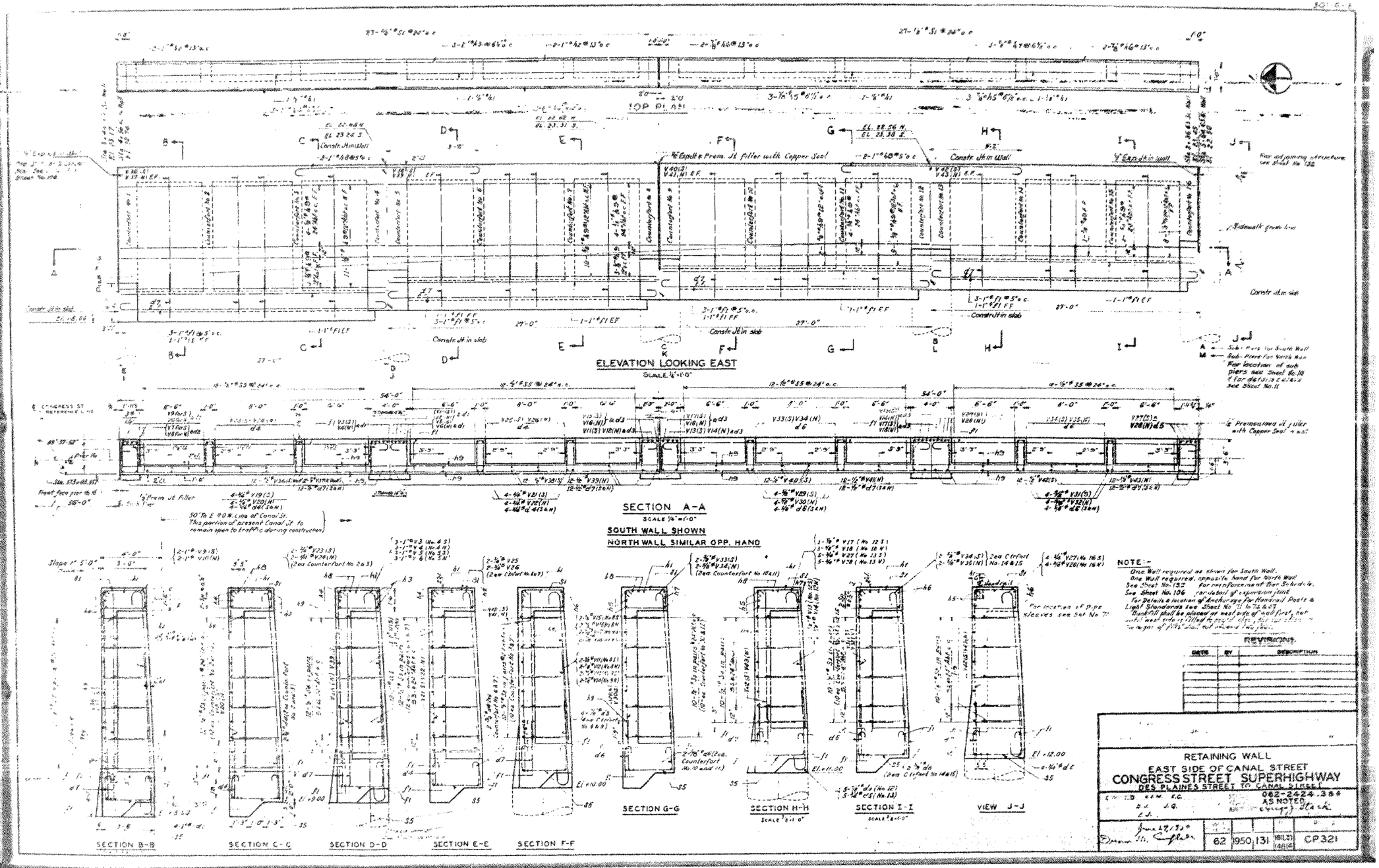


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -				ILLINOIS	FED. AID PROJECT		

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FOR INFORMATION ONLY



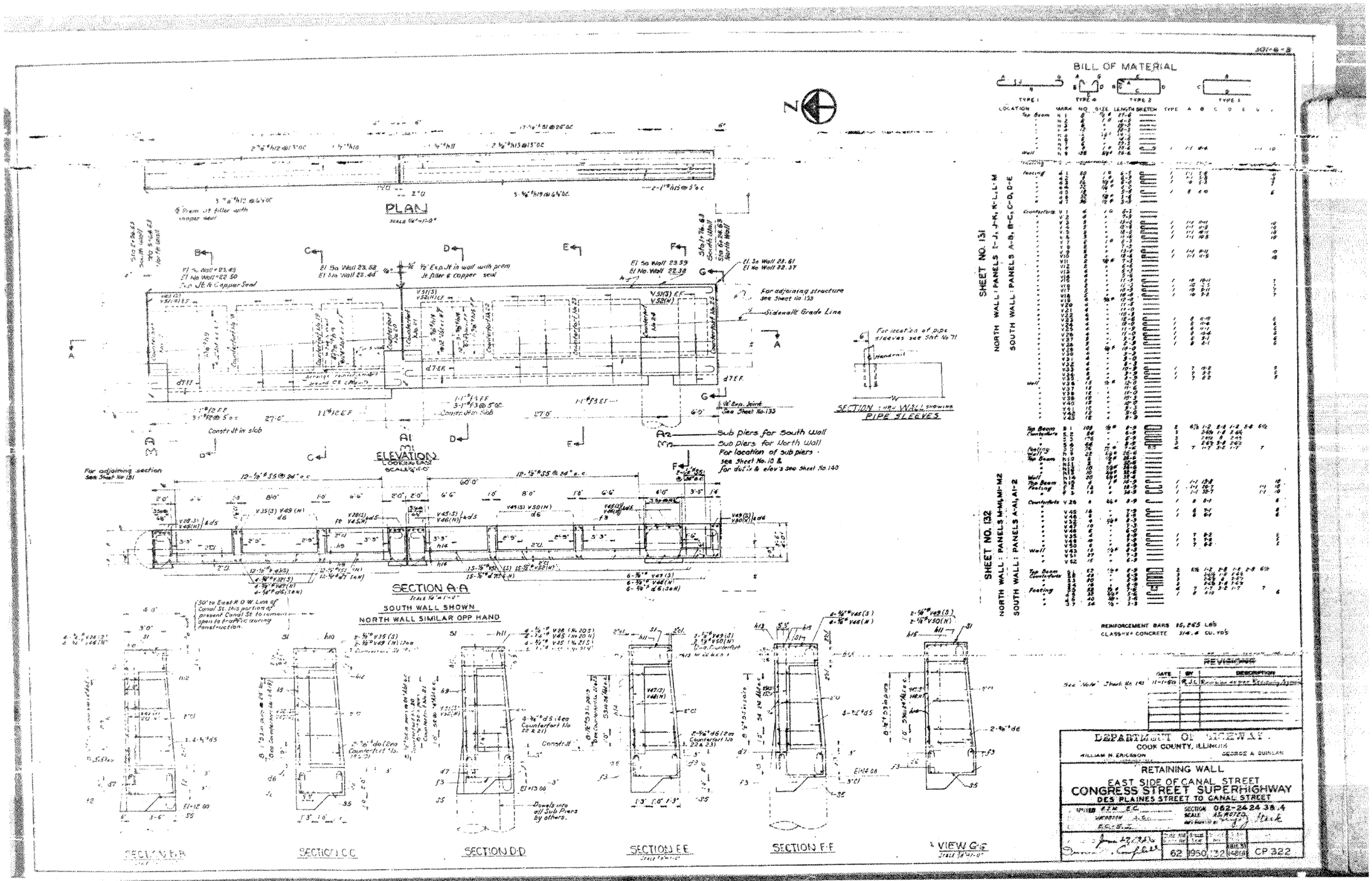
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	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

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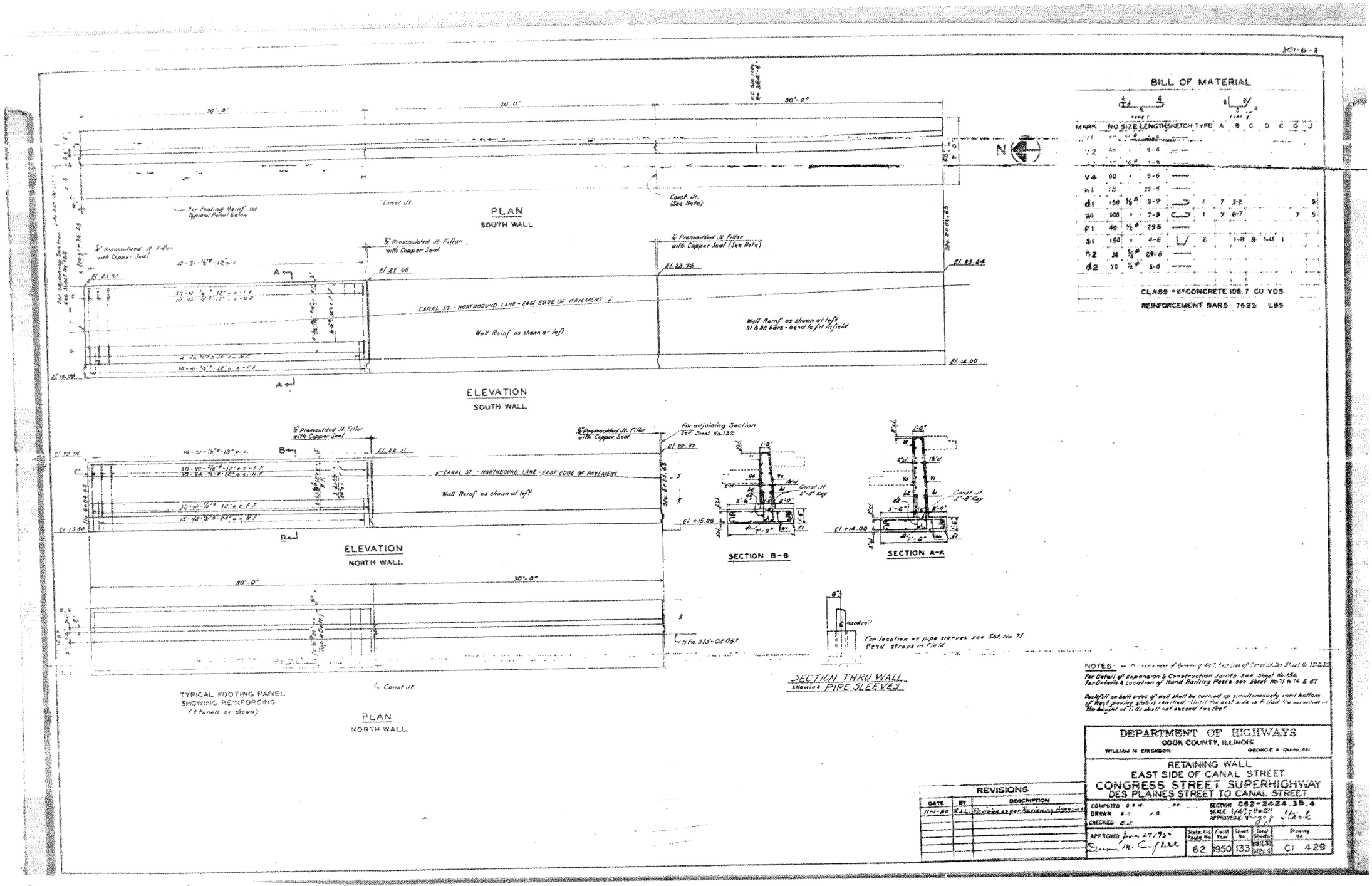


HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1598
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	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -					ILLINOIS	FED. AID PROJECT	

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FOR INFORMATION ONLY



NOTES:

For Detail of Expansion & Construction Joints see Sheet No. 154.
For Details & Location of Hand Railing Posts see Sheet Nos. 71 to 74 & 87

Backfill on both sides of wall shall be carried up simultaneously until bottom of West paving slab is reached. Until the east side is backfilled the unbalance in the height of fills shall not exceed two feet.

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

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

COMPUTED G.S.M. — SECTION 062-2424.38.4
DRAWN B.C. — SCALE 1/4"=1'-0"
CHECKED C.M. — APPROVED
APPROVED Jan 27, 75

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

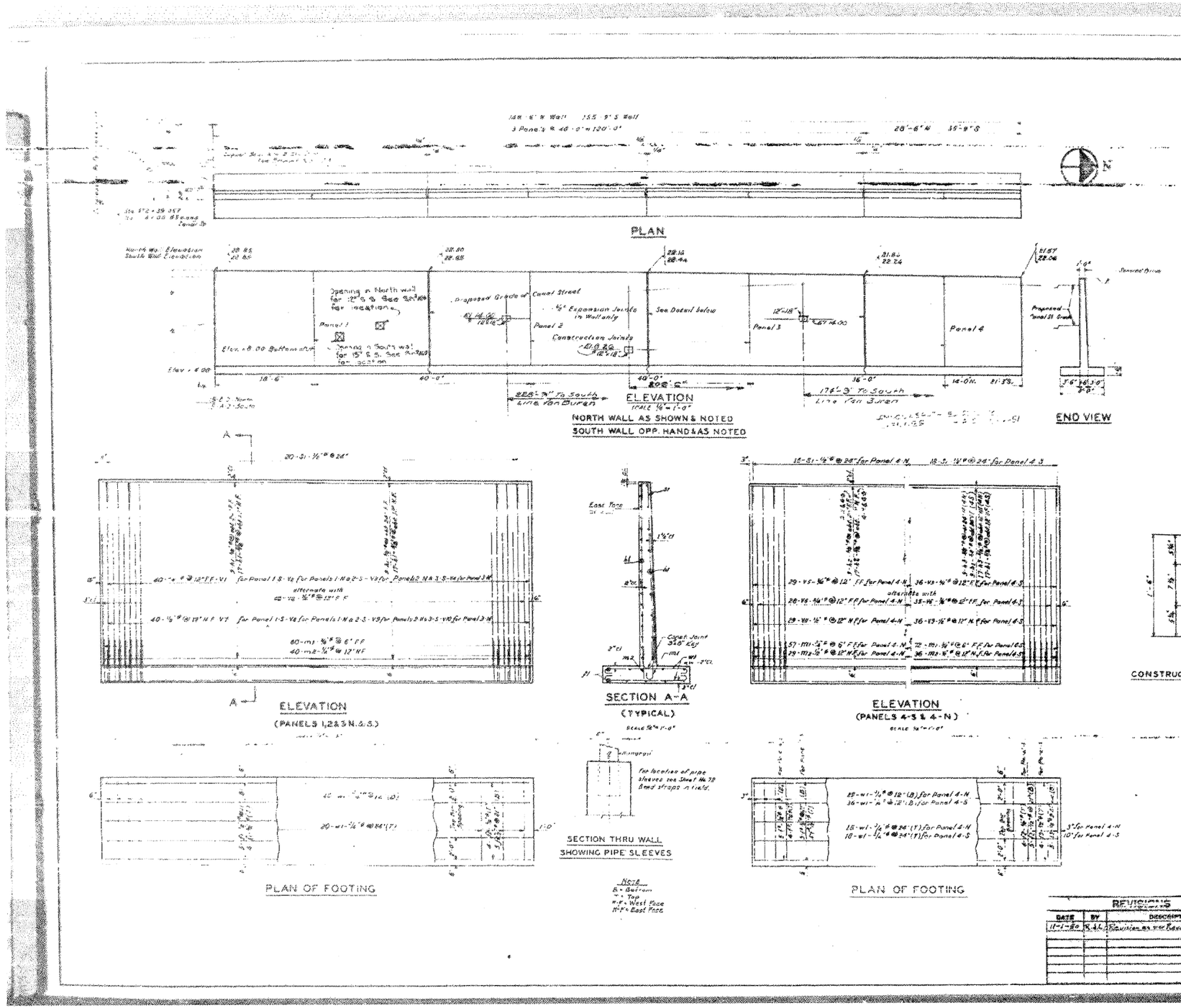
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11-1-80	R.J.L.	Revised as per Reviewing Agencies

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad.issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1599
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\617479-PWINT.aecomonline.local:AECOM_D502_NAIDocuments\01 Americas\Transportation\60269938 CircletPhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\016046I-60X93-SXX-Existing595
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FOR INFORMATION ONLY



BILL OF MATERIAL

LOCATION	MARK	NO	SIZE	LENGTH	SKETCH TYPE	A	B	C	D	E	F
1-S	V1	80	⅝"	19'-2"							
1-N, 2-S	V2	80	"	16'-9"							
1-N, 2-N, 3-S	V3	160	"	16'-6"							
3-N	V4	80	"	16'-3"							
4-N	V5	88	"	16'-0"							
All Panels	V6	303	"	12'-0"							
1-S	W1	40	½"	17'-0"							
1-N, 2-S	W2	80	"	16'-9"							
2-N, 3S, 4S	W3	116	"	16'-6"							
3-N	W4	40	"	16'-3"							
4-N	W5	88	"	16'-0"							
1&2, 4-S	W1	336	⅝"	20'-2"							
4N, 4-S	W2	32	"	16'-6"							
4-N	W3	26	"	18'-6"							
All Panels	S1	153	⅝"	3'-6"	U	1	1'-5"	6	1'-5"		
"	S2	609	⅜"	4'-3"	U	2	8	5'-7"			6
"	S3	303	½"	8'-9"							
"	W1	456	⅝"	8'-3"	C	5	7'-7"			7	5
1 to 3	F1	108	⅝"	20'-9"							
4-S	F2	18	"	18'-6"							
4-N	F3	18	"	18'-0"							

Class "A" Concrete 377.4 Cu. Yds.
Reinforcement Steel 87,716 Lbs.

NOTES:—
Backfill on both sides of Wall shall be carried up simultaneously until bottom of East paving slab is reached. Until East side is filled the over-fill on the West side of this shall not exceed two feet.
For detail and location of anchorage for hand rails and light posts see Sheet No. 7 For 7 of 7 Sh.

REVISIONS		
DATE	BY	DESCRIPTION
11-1-80	K.A.L.	Revision as per Engineering Memo

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

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

COMPUTED G. S. M. — SECTION 082-2424,38A
DRAWN E.M.K. J.Q. — TRACE AS NOTED
CHECKED C.F. — APPROVED Bureau of Bridges
APPROVED June 27, 1951 — Chief Engineer

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	134	181(3)	CP 377

HBM ENGINEERING GROUP, LLC	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS
		CHECKED -	REVISED -		
	PLOT SCALE = N.T.S	DRAWN -	REVISED -		
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1600
		CONTRACT NO. 60X93		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\6117479-PWINT.aecomonline.local:AECOM_DS02_NA\Documents\01 Americas\Transportation\60269938 CirclePhase_II\000_CAD\008_StructuralStructure_016-1718\Existing Plans\0160461-60X93-SXX-Existing596
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