

STATE OF ILLINOIS
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

NORTHWEST ROUTE SUPERHIGHWAY

PLANS FOR

C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
INCLUDING STRUCTURES FOR
C. & N.W. RY., GREEN ST. & HUBBARD ST.

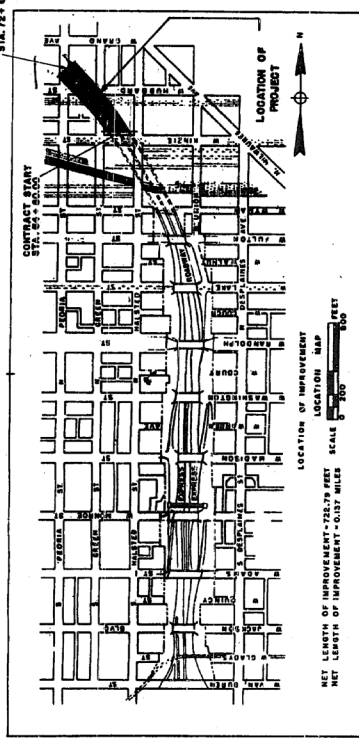
SECTION 0202.4-2

F.A.I. ROUTE NO. 2 PROJECT I-02-2 (56)

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PREPARED FOR
THE CITY OF CHICAGO
BY
ALFRED BENESCH AND ASSOCIATES
CONSULTING ENGINEERS
PLANS APPROVED
BY THE STATE DIVISION OF HIGHWAYS



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R100	TO REINCL. R.R. 14" CROSS-ORDER DETAILS

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PLAN & PROFILE - HUBBARD & POCRA ST. APPROACHES
PLAN & PROFILE - GREEN ST. APPROACHES
TYPICAL CROSS-SECTIONS - APPROACH PAVEMENTS
CROSS SECTIONS - HUBBARD ST. APPROACHES
CROSS SECTIONS - GREEN & POCRA ST. APPROACHES
PAVING PLAN - HUBBARD & POCRA ST. APPROACHES
CURBS, STORM SEWER CONNECTIONS, MANHOLES, CATCH BASINS & INLETS
PAVEMENT JOINTS, DRIVEWAY & SIDEWALK DETAILS

TEMPORARY RUMOROUND TREESTES
TEMPORARY TREESTES - GENERAL PLAN
TEMPORARY TREESTES - HUBBARD & POCRA ST. TRACK
EXISTING R.R. LOADING PLATFORMS EAST OF GREEN STREET
ALTERATIONS TO EXISTING SIGNAL BRIDGES
SUPERHIGHWAY LIGHTING PLANS
GENERAL PLAN AND ELEVATIONS
EQUIPMENT AND LUMINAIRE DETAILS
WIRING DIAGRAMS

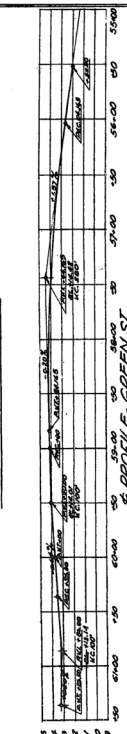
CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING DATE: JANUARY 1, 1917	
APPROVED: <i>W. B. Benesch</i>	APPROVED: <i>W. B. Benesch</i>
APPROVED: <i>W. B. Benesch</i>	APPROVED: <i>W. B. Benesch</i>
THE DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS APPROVED: <i>W. B. Benesch</i>	
RECOMMENDED FOR APPROVAL DISTRICT ENGINEER: <i>W. B. Benesch</i>	

APPROVED FOR ALTERATIONS AND ADDITIONS
W. B. Benesch
DISTRICT ENGINEER

FLORIDA AIR MOBILE NO.	REC.	COUNTY	PERM EXPIRY
KAJ-2 MONA2		COOK	160 2

SFL. TO SFLA

PER. GROUP EXT. INC. #	RA10010	PER. AND PAYMENT 2-30-4 (SA)
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[illegible][illegible]

STRUCTURAL STEEL
THE STEEL FOR BALANCE & STREET STRUCTURES SHALL BE STRUCTURAL STEEL CONFORMING TO THE SPECIFICATIONS AT ONCE'S DISCRETION NOTED OF THE AWARDING COMMITTEE. THE STEEL SHALL BE OF THE FOLLOWING GRADES: A36, A572, A588, A590, A595, A598, A599, A599B, A599C, A599D, A599E, A599F, A599G, A599H, A599I, A599J, A599K, A599L, A599M, A599N, A599O, A599P, A599Q, A599R, A599S, A599T, A599U, A599V, A599W, A599X, A599Y, A599Z, A599AA, A599AB, A599AC, A599AD, A599AE, A599AF, A599AG, A599AH, A599AI, A599AJ, A599AK, A599AL, A599AM, A599AN, A599AO, A599AP, A599AQ, A599AR, A599AS, A599AT, A599AU, A599AV, A599AW, A599AX, A599AY, A599AZ, A599BA, A599BB, A599BC, A599BD, A599BE, A599BF, A599BG, A599BH, A599BI, A599BJ, A599BK, A599BL, A599BM, A599BN, A599BO, A599BP, A599BQ, A599BR, A599BS, A599BT, A599BU, A599BV, A599BW, A599BX, A599BY, A599BZ, A599CA, A599CB, A599CC, A599CD, A599CE, A599CF, A599CG, A599CH, A599CI, A599CJ, A599CK, A599CL, A599CM, A599CN, A599CO, A599CP, A599CQ, A599CR, A599CS, A599CT, A599CU, A599CV, A599CW, A599CX, A599CY, A599CZ, A599DA, A599DB, A599DC, A599DD, A599DE, A599DF, A599DG, A599DH, A599DI, A599DJ, A599DK, A599DL, A599DM, A599DN, 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© INCLUDES 2000' FOR SHORING FOR WALL A.S.

STANDARD, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655

[illegible]

**CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING**

**NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.**

**SECTION 0084A-2
GENERAL NOTES**

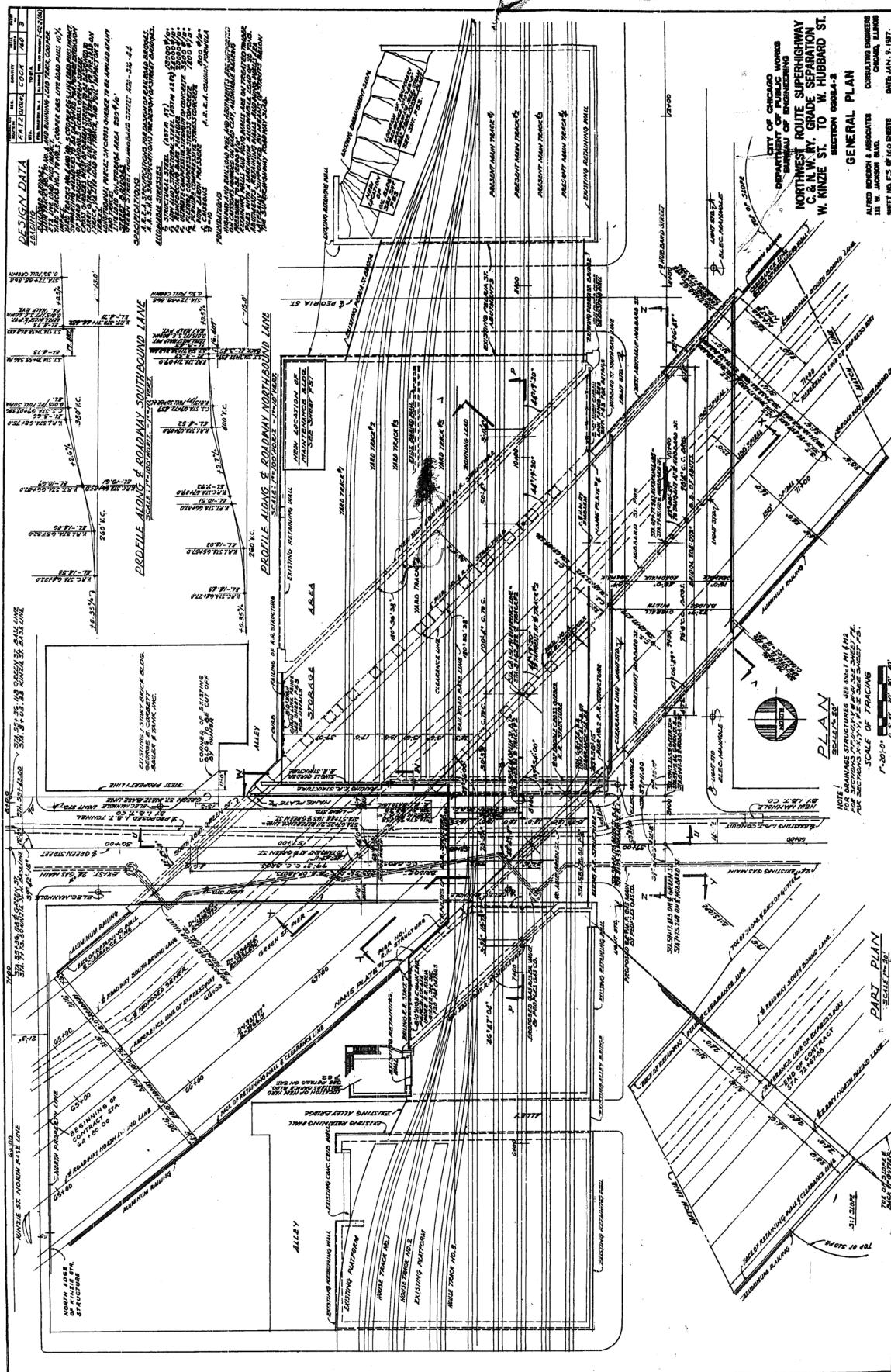
QUANTITIES & STREET PROFILES

**ALFRED BENESCH & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILL.**

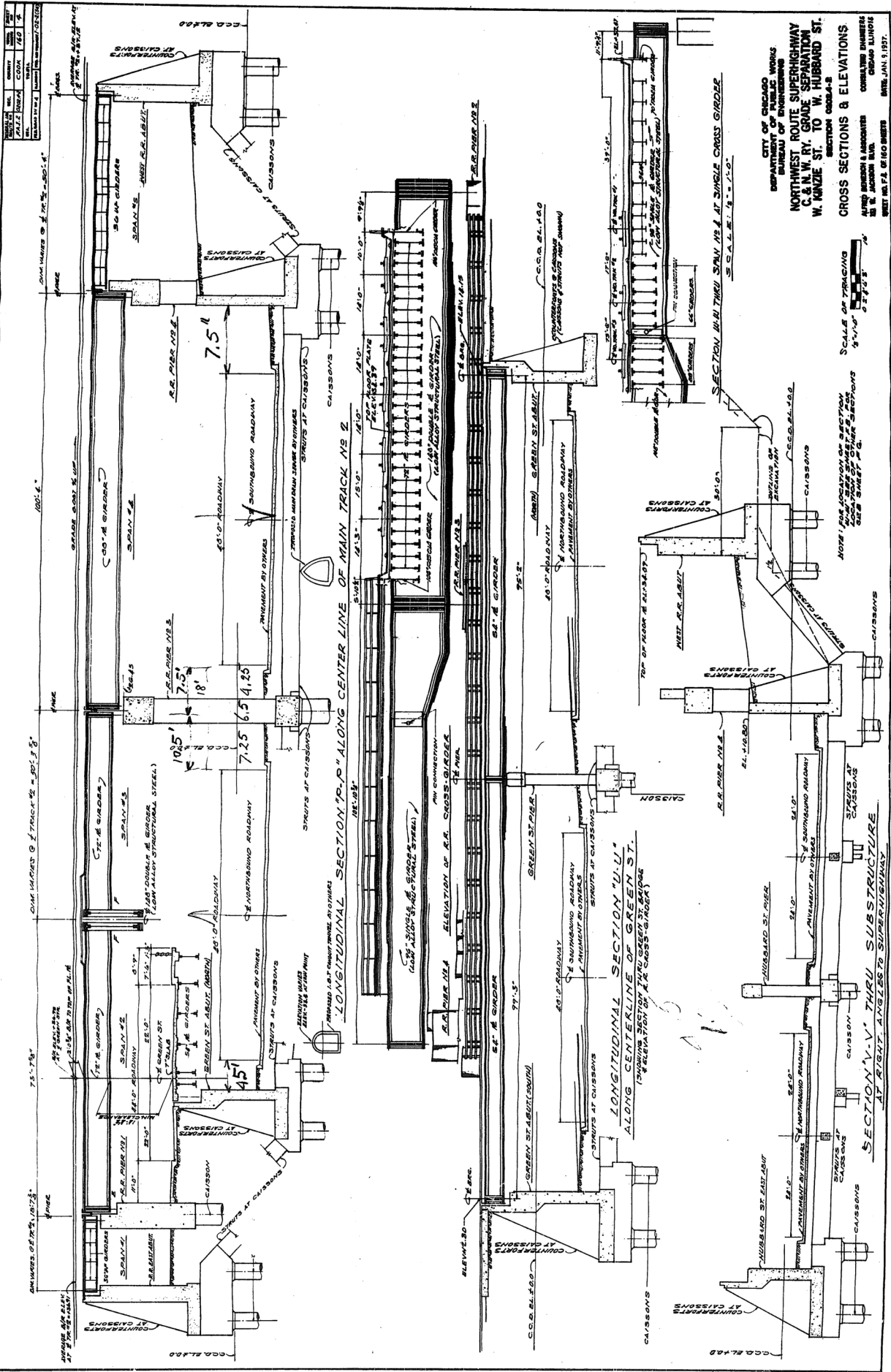
DATE: JAN. 4, 1977

SHEET NO. F-2 OF 160 SHEETS

**111 W. JACKSON BLVD.
CHICAGO, ILL. 60604**

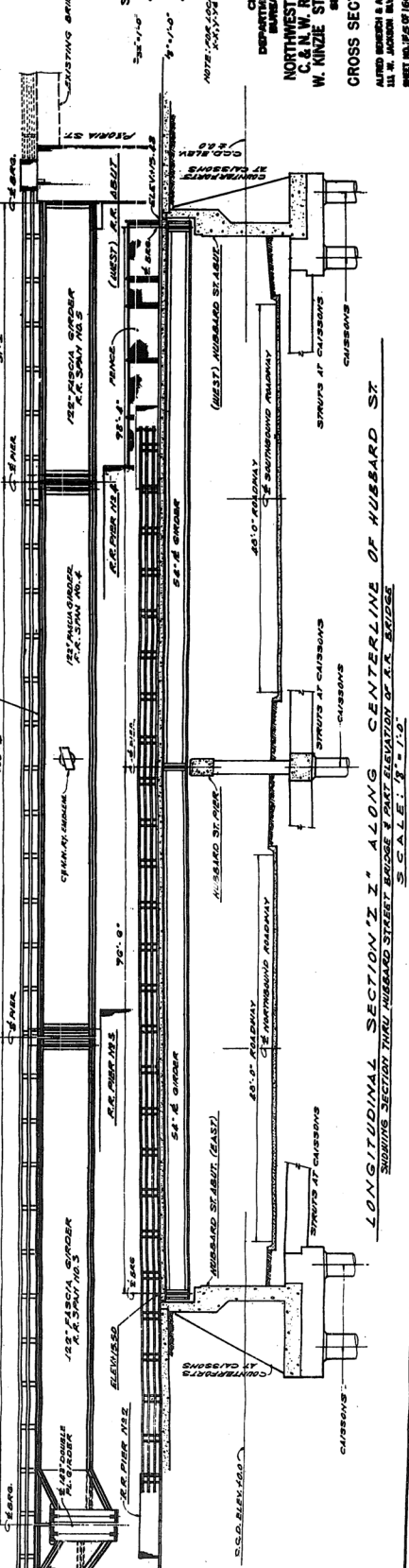
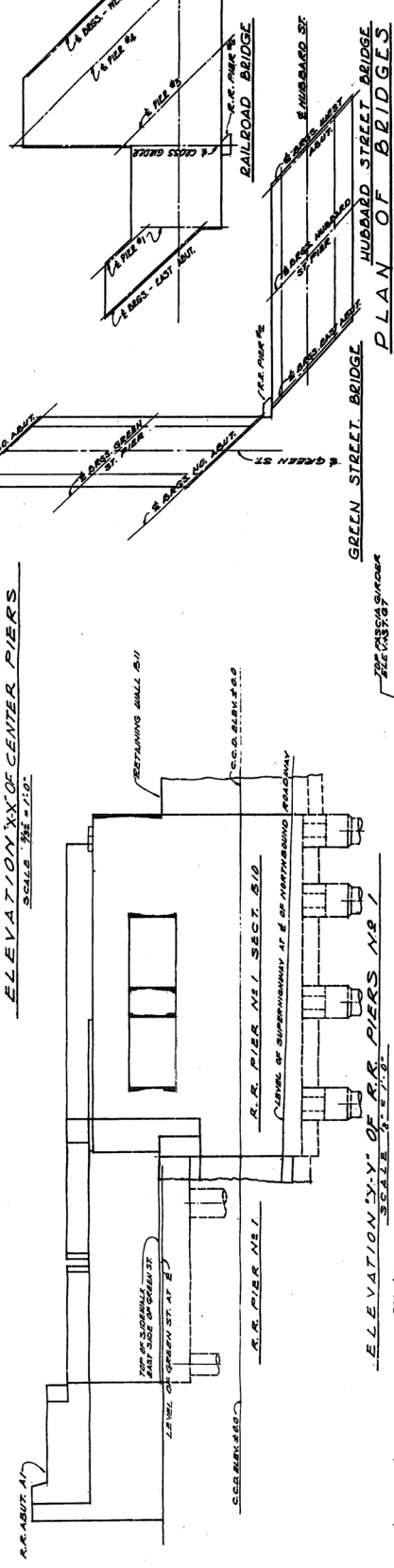
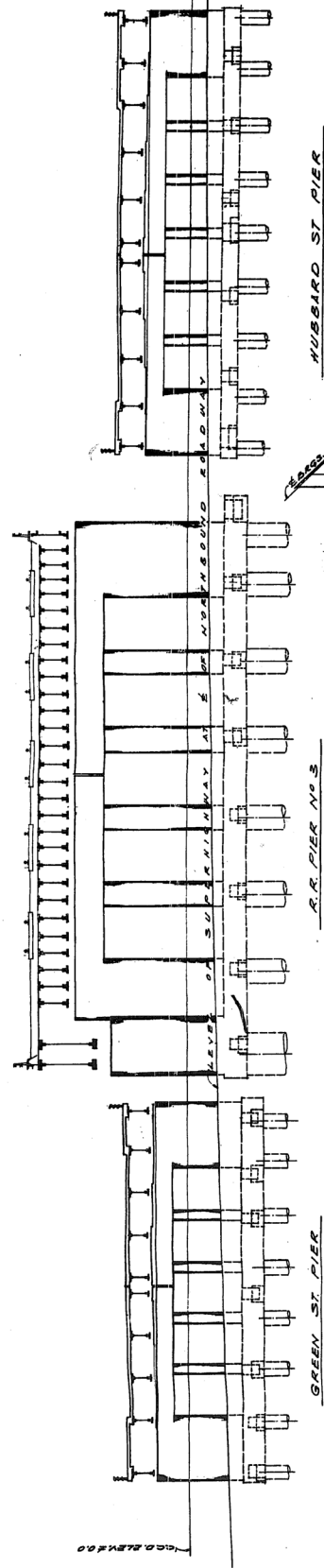


DATE	NOV 1937
BY	W. J. JACKSON
CHECKED	W. J. JACKSON
APPROVED	W. J. JACKSON
SCALE	1" = 10'-0"
PROJECT	NORTHWEST ROUTE SUPERHIGHWAY
SECTION	CROSS SECTION
NO.	1



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
NORTHWEST ROUTE SUPERHIGHWAY
C&N.W. RAILWAY SEPARATION
W. WATKINS ST. TO W. HUBBARD ST.
SECTION CROSS-A-S
ALFRED JACKSON & ASSOCIATES
CHICAGO, ILLINOIS
SHEET NO. P.A. OF 160 SHEETS
DATE JAN. 1, 1937.

DATE	BY	CHKD	APP'D
1937	W. H. H.	W. H. H.	W. H. H.
1937	W. H. H.	W. H. H.	W. H. H.
1937	W. H. H.	W. H. H.	W. H. H.
1937	W. H. H.	W. H. H.	W. H. H.



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION CROSS-4-2
CROSS SECTIONS & ELEVATIONS
ALFRED MASON & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILL.
SHEET NO. 45 OF 160 SHEETS
JAN. 1, 1937

NO.	REVISION	DATE	BY	CHKD.	APP.
1	REVISION	1-1-1917	COOK	GO	6

MILL SECTION	DESCRIPTION	SHEET NO.
A-1	REPAIRMENT	1-1
A-2	REPAIRMENT	1-2
A-3	REPAIRMENT	1-3
A-4	REPAIRMENT	1-4
A-5	REPAIRMENT	1-5
A-6	REPAIRMENT	1-6
A-7	REPAIRMENT	1-7
A-8	REPAIRMENT	1-8
A-9	REPAIRMENT	1-9
A-10	REPAIRMENT	1-10
A-11	REPAIRMENT	1-11
A-12	REPAIRMENT	1-12
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A-97	REPAIRMENT	1-97
A-98	REPAIRMENT	1-98
A-99	REPAIRMENT	1-99
A-100	REPAIRMENT	1-100



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
CANAL, RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST
SECTION 00004-5
GENERAL FOUNDATION PLAN
ALFRED BISHOP & ASSOCIATES
CONSULTING ENGINEERS
311 N. JACKSON BLVD.
CHICAGO, ILLINOIS
SHEET NO. 60 OF 160 SHEETS
DATE JAN. 3, 1917.

GENERAL FOUNDATION PLAN
SCALE: 1/20" = 1'-0"

PART PLAN
SCALE: 1/20" = 1'-0"

TEST BORINGS

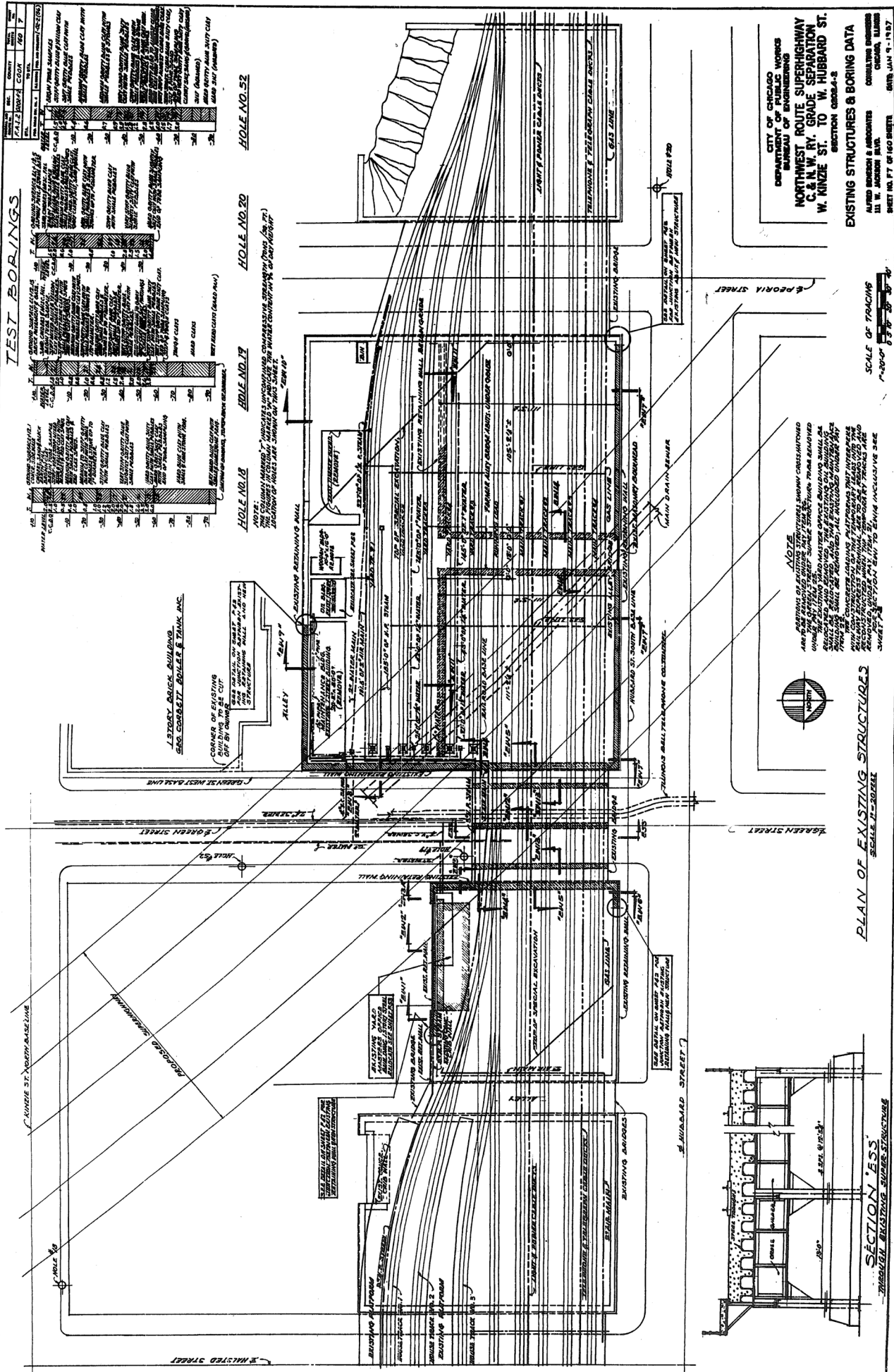
NO.	DEPTH	SOIL	WATER	REMARKS
1	0-10	GRAVELLY SAND	10	TEST BORING NO. 1
2	0-10	GRAVELLY SAND	10	TEST BORING NO. 2
3	0-10	GRAVELLY SAND	10	TEST BORING NO. 3
4	0-10	GRAVELLY SAND	10	TEST BORING NO. 4
5	0-10	GRAVELLY SAND	10	TEST BORING NO. 5
6	0-10	GRAVELLY SAND	10	TEST BORING NO. 6
7	0-10	GRAVELLY SAND	10	TEST BORING NO. 7
8	0-10	GRAVELLY SAND	10	TEST BORING NO. 8
9	0-10	GRAVELLY SAND	10	TEST BORING NO. 9
10	0-10	GRAVELLY SAND	10	TEST BORING NO. 10
11	0-10	GRAVELLY SAND	10	TEST BORING NO. 11
12	0-10	GRAVELLY SAND	10	TEST BORING NO. 12
13	0-10	GRAVELLY SAND	10	TEST BORING NO. 13
14	0-10	GRAVELLY SAND	10	TEST BORING NO. 14
15	0-10	GRAVELLY SAND	10	TEST BORING NO. 15
16	0-10	GRAVELLY SAND	10	TEST BORING NO. 16
17	0-10	GRAVELLY SAND	10	TEST BORING NO. 17
18	0-10	GRAVELLY SAND	10	TEST BORING NO. 18
19	0-10	GRAVELLY SAND	10	TEST BORING NO. 19
20	0-10	GRAVELLY SAND	10	TEST BORING NO. 20
21	0-10	GRAVELLY SAND	10	TEST BORING NO. 21
22	0-10	GRAVELLY SAND	10	TEST BORING NO. 22
23	0-10	GRAVELLY SAND	10	TEST BORING NO. 23
24	0-10	GRAVELLY SAND	10	TEST BORING NO. 24
25	0-10	GRAVELLY SAND	10	TEST BORING NO. 25
26	0-10	GRAVELLY SAND	10	TEST BORING NO. 26
27	0-10	GRAVELLY SAND	10	TEST BORING NO. 27
28	0-10	GRAVELLY SAND	10	TEST BORING NO. 28
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37	0-10	GRAVELLY SAND	10	TEST BORING NO. 37
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42	0-10	GRAVELLY SAND	10	TEST BORING NO. 42
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67	0-10	GRAVELLY SAND	10	TEST BORING NO. 67
68	0-10	GRAVELLY SAND	10	TEST BORING NO. 68
69	0-10	GRAVELLY SAND	10	TEST BORING NO. 69
70	0-10	GRAVELLY SAND	10	TEST BORING NO. 70
71	0-10	GRAVELLY SAND	10	TEST BORING NO. 71
72	0-10	GRAVELLY SAND	10	TEST BORING NO. 72
73	0-10	GRAVELLY SAND	10	TEST BORING NO. 73
74	0-10	GRAVELLY SAND	10	TEST BORING NO. 74
75	0-10	GRAVELLY SAND	10	TEST BORING NO. 75
76	0-10	GRAVELLY SAND	10	TEST BORING NO. 76
77	0-10	GRAVELLY SAND	10	TEST BORING NO. 77
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92	0-10	GRAVELLY SAND	10	TEST BORING NO. 92
93	0-10	GRAVELLY SAND	10	TEST BORING NO. 93
94	0-10	GRAVELLY SAND	10	TEST BORING NO. 94
95	0-10	GRAVELLY SAND	10	TEST BORING NO. 95
96	0-10	GRAVELLY SAND	10	TEST BORING NO. 96
97	0-10	GRAVELLY SAND	10	TEST BORING NO. 97
98	0-10	GRAVELLY SAND	10	TEST BORING NO. 98
99	0-10	GRAVELLY SAND	10	TEST BORING NO. 99
100	0-10	GRAVELLY SAND	10	TEST BORING NO. 100

HOLE NO. 22

HOLE NO. 20

HOLE NO. 18

NOTE: THE COLUMN NUMBER, 1, INDICATES THE COLUMN NUMBER OF THE COMPRESSIVE STRESS (TONS PER SQ. FT.) LOCATIONS OF HOLES AND STATIONS ON THE PLAN.



NOTE: PARTS OF EXISTING STRUCTURES SHOWN CONSIDERED AND FOUND SOUND AND SAFE FOR REMOVAL FROM THE EXISTING STRUCTURE. THE REMAINING PARTS OF THE STRUCTURE SHALL BE RECONSTRUCTED AND REINFORCED TO BE ABLE TO SUPPORT THE EXISTING LOADS AND STRESS. THE EXISTING STRUCTURE SHALL BE RECONSTRUCTED AND REINFORCED TO BE ABLE TO SUPPORT THE EXISTING LOADS AND STRESS. THE EXISTING STRUCTURE SHALL BE RECONSTRUCTED AND REINFORCED TO BE ABLE TO SUPPORT THE EXISTING LOADS AND STRESS.



PLAN OF EXISTING STRUCTURES

SCALE 1/4" = 1'-0"

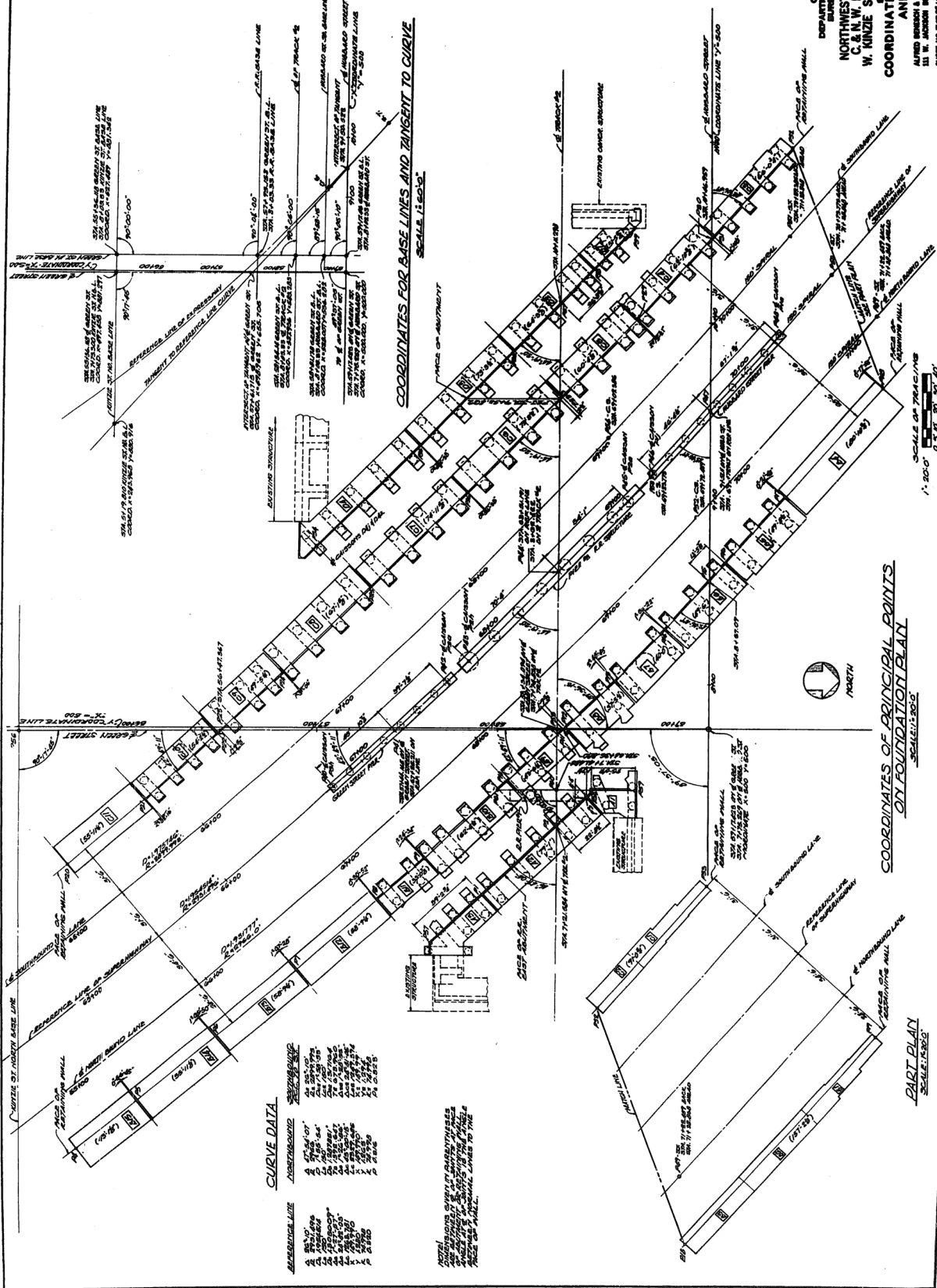
SECTION 'ESS'

THROUGH EXISTING SUPER-STRUCTURE

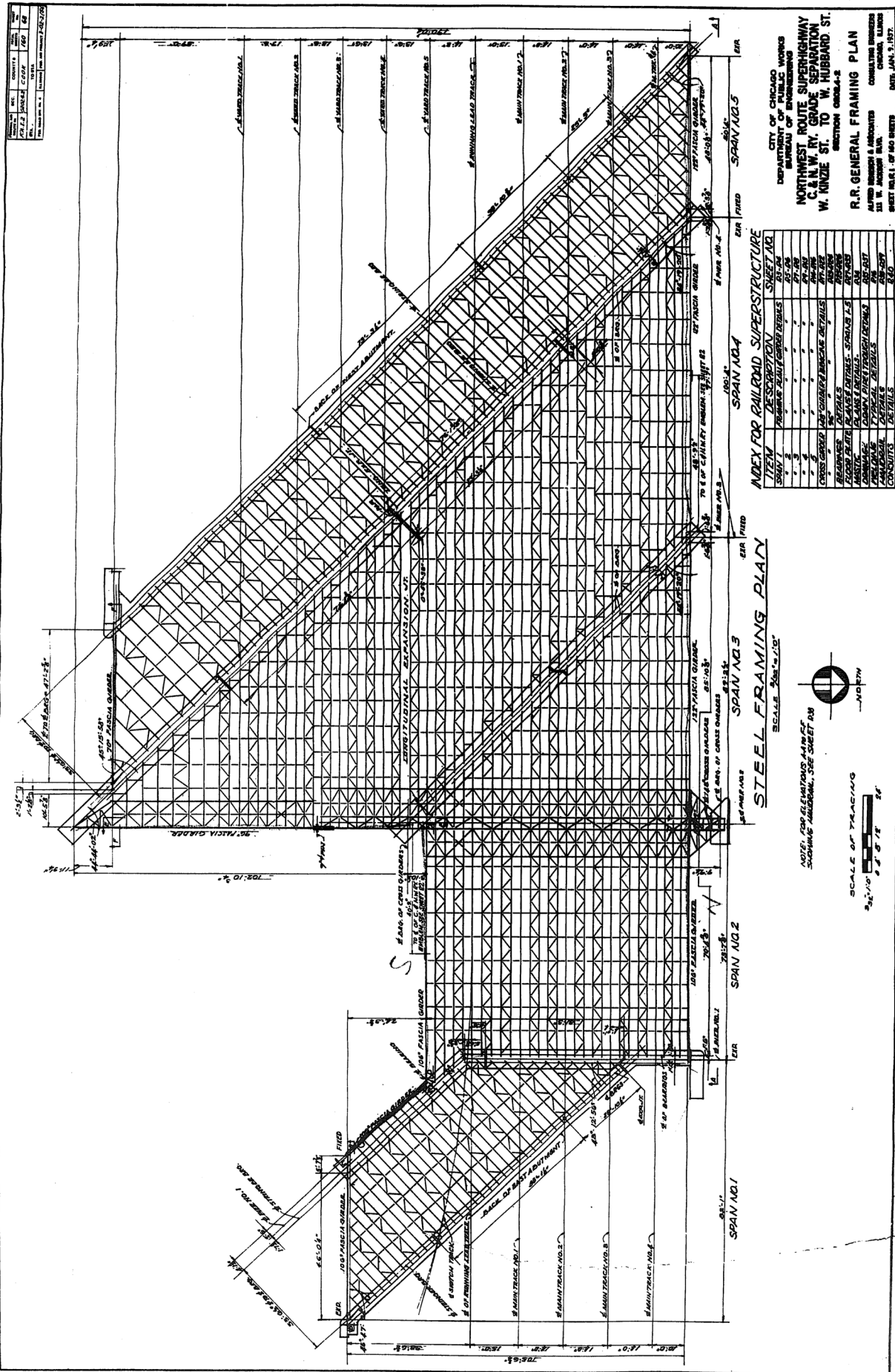
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C.A.N.W. BY GRADE SEPARATION
W. KINDE ST. TO W. HUBBARD ST.
SECTION 0804-3
EXISTING STRUCTURES & BORING DATA
ALBERT J. JACOBSON & ASSOCIATES
311 W. JACKSON ST.
CHICAGO, ILLINOIS
SHEET NO. 17 OF 160 SHEETS
DATE, JAN. 9, 1927

NO.	NAME	DATE	BY	CHKD.	APP.
1	1912	1912	COOK	10	10
2	1912	1912	COOK	10	10
3	1912	1912	COOK	10	10

NO.	NAME	DATE	BY	CHKD.	APP.
1	1912	1912	COOK	10	10
2	1912	1912	COOK	10	10
3	1912	1912	COOK	10	10



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C&N.W. GRADE SEPARATION
W. NINTE ST. TO W. HUBBARD ST.
COORDINATES FOR FOUNDATIONS
AND BASE LINES
ALFRED BENSCH & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS
DATE: JAN. 9, 1937.
SHEET NO. 527 OF 150 SHEETS



INDEX FOR RAILROAD SUPERSTRUCTURE				
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE
1	GRASS SEED	TON	1.00	100.00
2	GRASS SEED	TON	1.00	100.00
3	GRASS SEED	TON	1.00	100.00
4	GRASS SEED	TON	1.00	100.00
5	GRASS SEED	TON	1.00	100.00
6	GRASS SEED	TON	1.00	100.00
7	GRASS SEED	TON	1.00	100.00
8	GRASS SEED	TON	1.00	100.00
9	GRASS SEED	TON	1.00	100.00
10	GRASS SEED	TON	1.00	100.00
11	GRASS SEED	TON	1.00	100.00
12	GRASS SEED	TON	1.00	100.00
13	GRASS SEED	TON	1.00	100.00
14	GRASS SEED	TON	1.00	100.00
15	GRASS SEED	TON	1.00	100.00
16	GRASS SEED	TON	1.00	100.00
17	GRASS SEED	TON	1.00	100.00
18	GRASS SEED	TON	1.00	100.00
19	GRASS SEED	TON	1.00	100.00
20	GRASS SEED	TON	1.00	100.00
21	GRASS SEED	TON	1.00	100.00
22	GRASS SEED	TON	1.00	100.00
23	GRASS SEED	TON	1.00	100.00
24	GRASS SEED	TON	1.00	100.00
25	GRASS SEED	TON	1.00	100.00
26	GRASS SEED	TON	1.00	100.00
27	GRASS SEED	TON	1.00	100.00
28	GRASS SEED	TON	1.00	100.00
29	GRASS SEED	TON	1.00	100.00
30	GRASS SEED	TON	1.00	100.00
31	GRASS SEED	TON	1.00	100.00
32	GRASS SEED	TON	1.00	100.00
33	GRASS SEED	TON	1.00	100.00
34	GRASS SEED	TON	1.00	100.00
35	GRASS SEED	TON	1.00	100.00
36	GRASS SEED	TON	1.00	100.00
37	GRASS SEED	TON	1.00	100.00
38	GRASS SEED	TON	1.00	100.00
39	GRASS SEED	TON	1.00	100.00
40	GRASS SEED	TON	1.00	100.00
41	GRASS SEED	TON	1.00	100.00
42	GRASS SEED	TON	1.00	100.00
43	GRASS SEED	TON	1.00	100.00
44	GRASS SEED	TON	1.00	100.00
45	GRASS SEED	TON	1.00	100.00
46	GRASS SEED	TON	1.00	100.00
47	GRASS SEED	TON	1.00	100.00
48	GRASS SEED	TON	1.00	100.00
49	GRASS SEED	TON	1.00	100.00
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54	GRASS SEED	TON	1.00	100.00
55	GRASS SEED	TON	1.00	100.00
56	GRASS SEED	TON	1.00	100.00
57	GRASS SEED	TON	1.00	100.00
58	GRASS SEED	TON	1.00	100.00
59	GRASS SEED	TON	1.00	100.00
60	GRASS SEED	TON	1.00	100.00
61	GRASS SEED	TON	1.00	100.00
62	GRASS SEED	TON	1.00	100.00

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

NORTHWEST ROUTE SUPERHIGHWAY
C & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.

SECTION 02024-2

R.R. GENERAL FRAMING PLAN

ALFRED BRESCH & ASSOCIATES
133 W. JACKSON BLVD.
CHICAGO, ILLINOIS

DATE, JAN. 9, 1957

SHEET NO. 61 OF 60 SHEETS

PERSONAL AND SERVICE NO.	SEC.	COUNTRY	FIELD SERVICE	GRADE NO.
FA-1E	AD-2A-2	COOK	160	69
STL. TO STA				
PUB. REL. DIV. NO. 4		PUB. AND SECURITY-101-2 (56)		

[illegible]

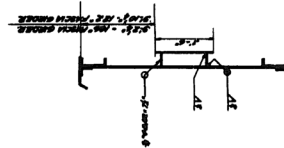
BEARING ON MASONRY-STRIPPERS

[illegible]

NOTE:—
 ① - TONNE AGEWENT OF SHEAR FOR 2 SHEEPERS + 2 AC US 10%
 ② - TONNE AGEWENT OF SHEAR FOR 2 SHEEPERS + 2 AC US 25%
 ③ - TONNE AGEWENT OF SHEAR FOR 2 SHEEPERS + 2 AC US 25%
 ④ - TONNE AGEWENT OF SHEAR FOR 2 SHEEPERS + 2 AC US 25%

[illegible]

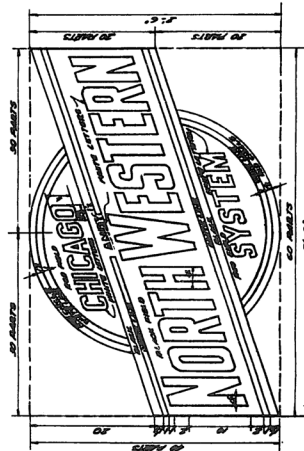
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. DATE 05-11-2010 BY 60322 UCBAW/STP/STP



SECTION THRU FASCIA
GROOVER AT EMERGENCY



LOCATION OF



C&NW R.R. EMBLEM

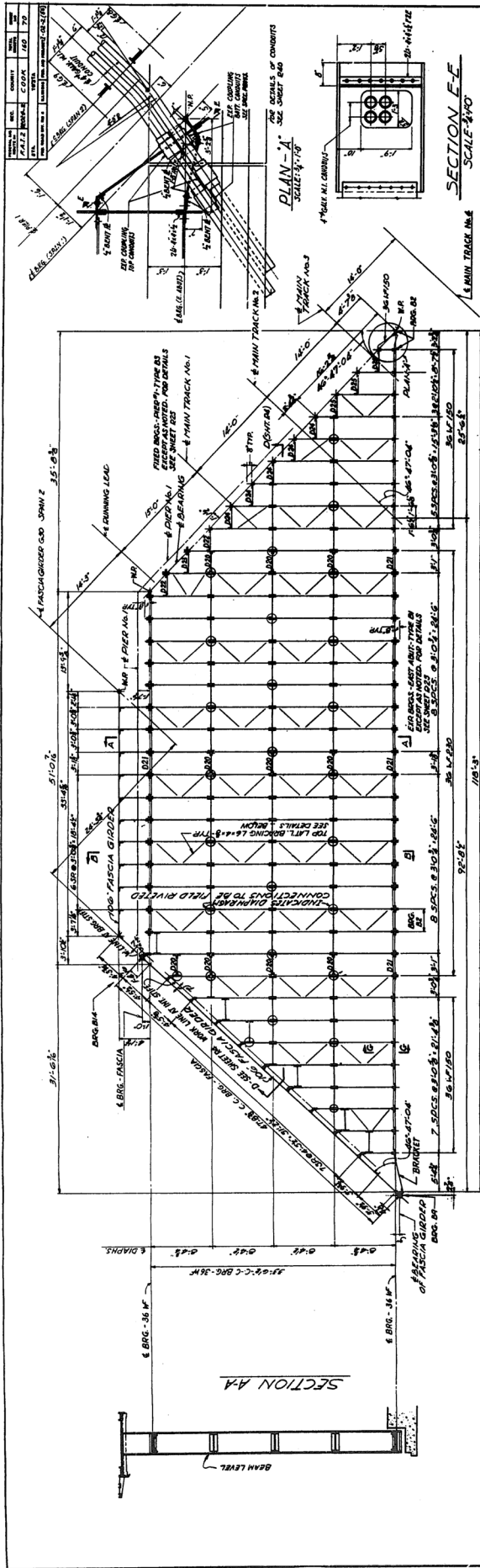
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERS

NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZE ST. TO W. HUBBARD ST
SECTION 0804A-2

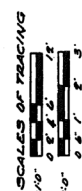
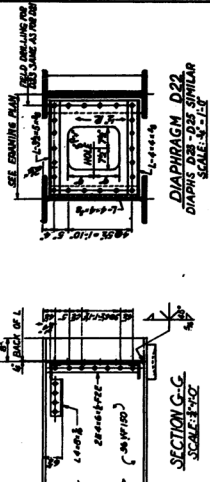
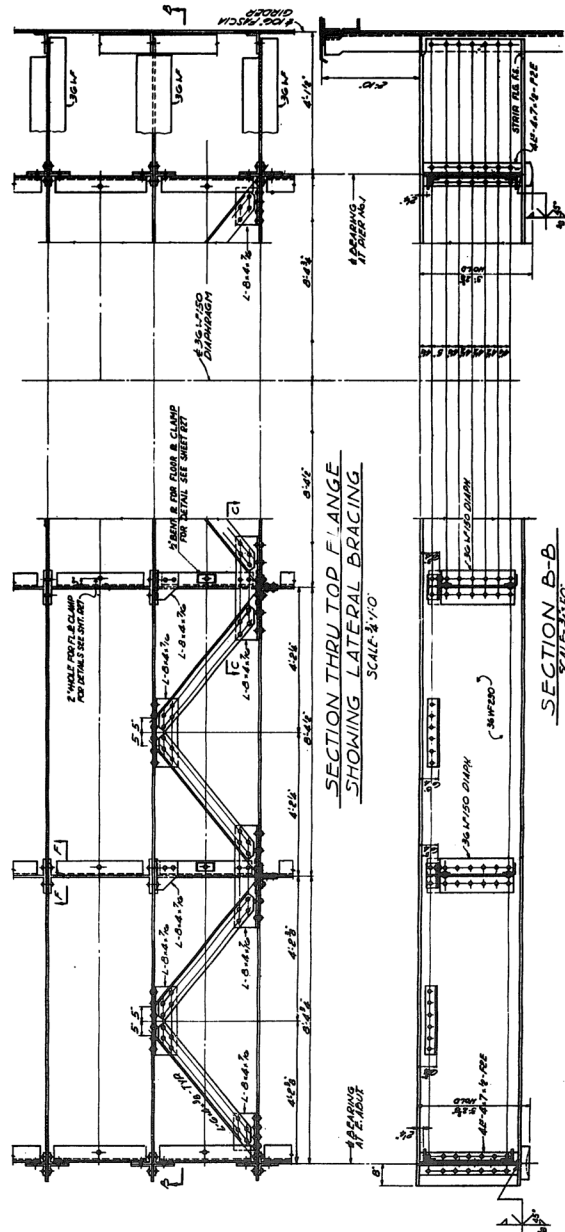
R.R. EMBLEM &
R. R. STRESS DATA

ALFRED BORSICH & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS

DATED JAN. 9, 1957
SHEET NO. 6 OF 10 SHEETS

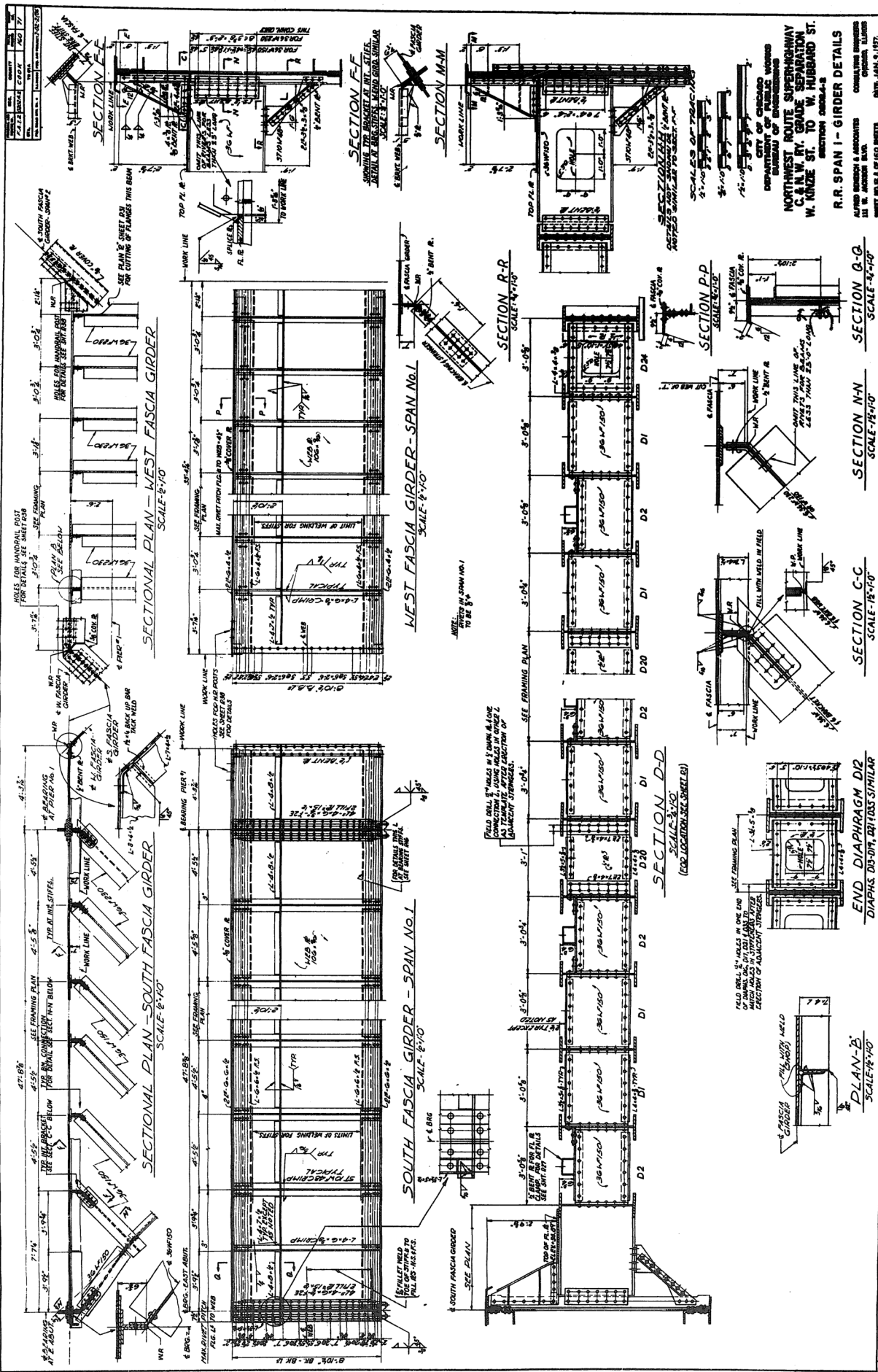


FRAMING PLAN - SPAN No. 1
SCALE 1/4" = 1'-0"



NOTE:
ALL DIMENSIONS IN SPAN No. 1
TO BE AS SHOWN

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION DEPENDENT
R. R. SPAN I - FRAMING PLAN
ALL DIMENSIONS IN SPAN No. 1
TO BE AS SHOWN
DATE, JAN. 5, 1937.



NORTHWEST ROUTE SUPERHIGHWAY
 C.A.W. RY. GRADE SEPARATION
 W. KINZIE ST. TO W. HUBBARD ST.
 SECTION 0000-0-0
 R.R. SPAN 1 - GIRDER DETAILS
 ALFRED BRONKHORST & ASSOCIATES
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS
 DATE: JAN. 1, 1937.

DATE	1/12/50	BY	W. J. JACOBSON
CHECKED		DATE	
APPROVED		DATE	

1/4" CROSS GIRDER

1/4" BETWEEN CROSS GIRDERS

ELEV. 58.57

1/4" CROSS GIRDER

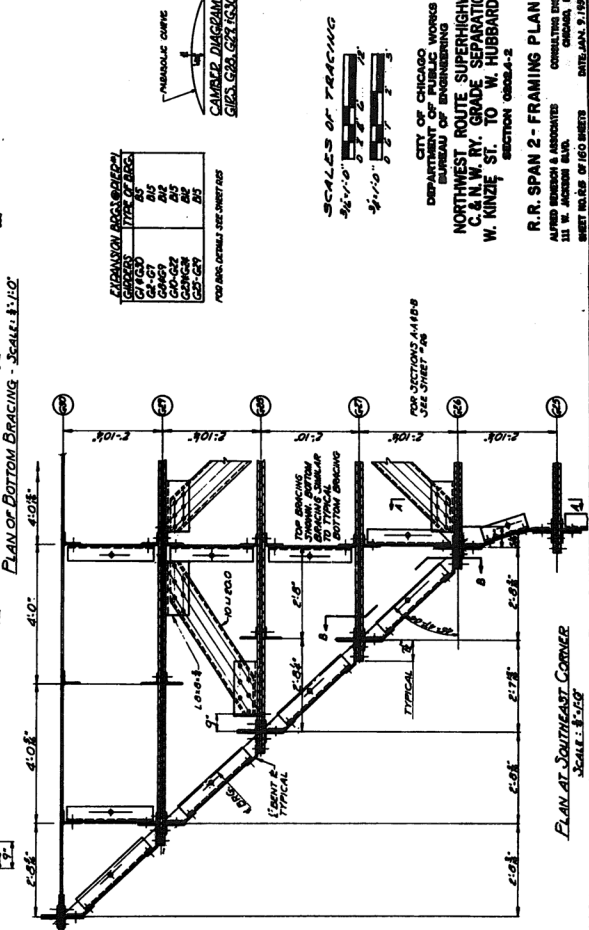
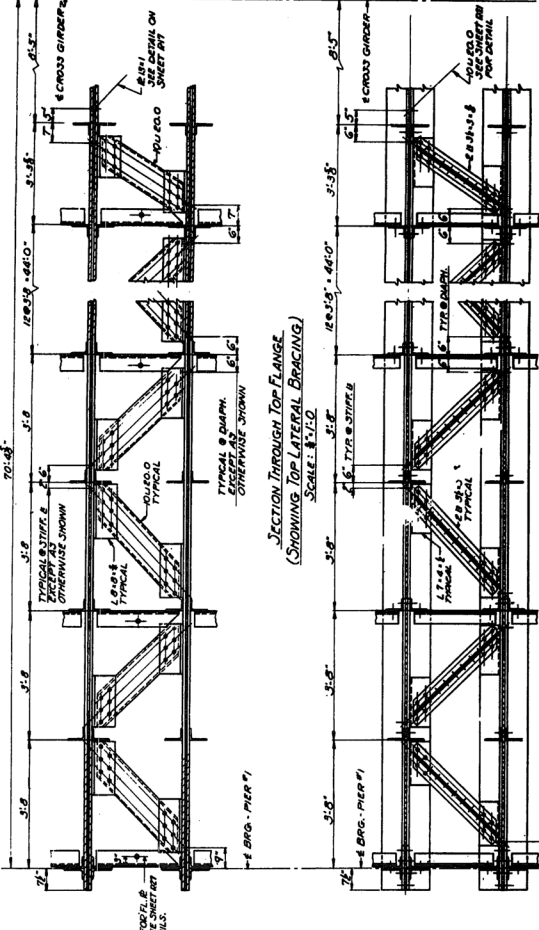
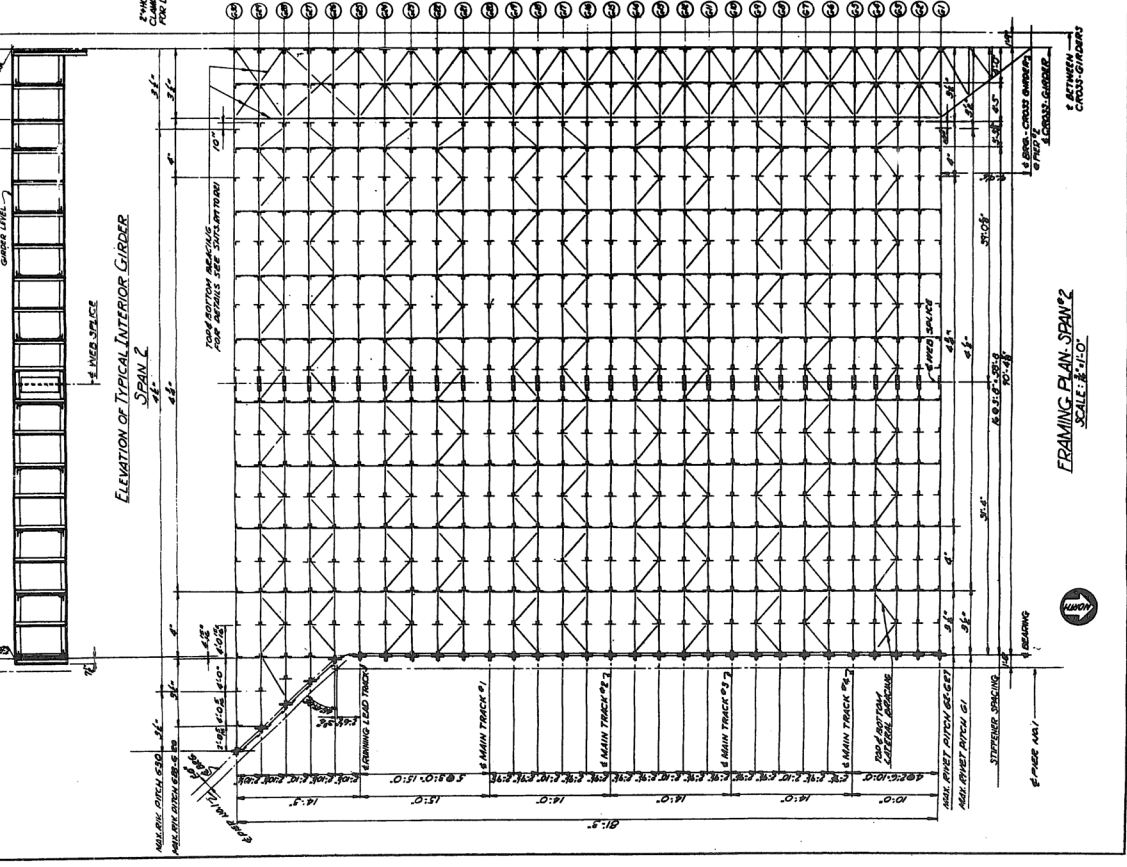
1/4" BETWEEN CROSS GIRDERS

ELEV. 58.57

1/4" CROSS GIRDER

1/4" BETWEEN CROSS GIRDERS

ELEV. 58.57



SECTION	TYPE OF BRG.
GA-1	1/4"
GA-2	1/4"
GA-3	1/4"
GA-4	1/4"
GA-5	1/4"
GA-6	1/4"
GA-7	1/4"
GA-8	1/4"
GA-9	1/4"
GA-10	1/4"

FOR BRG. DETAILS SEE SHEET 105

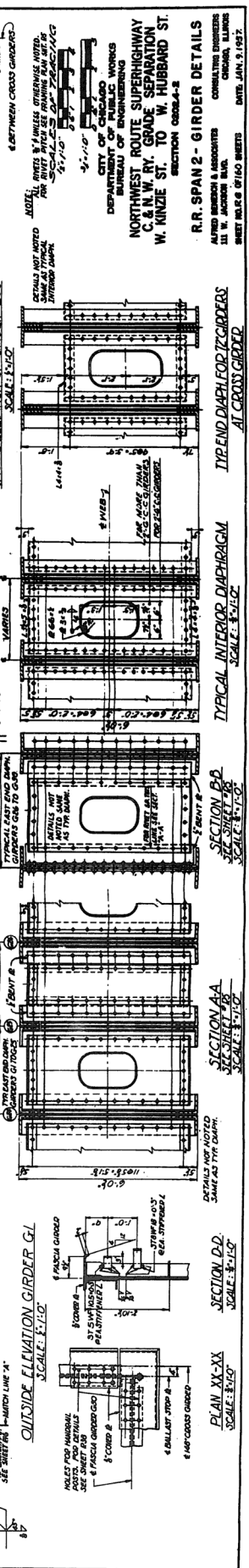
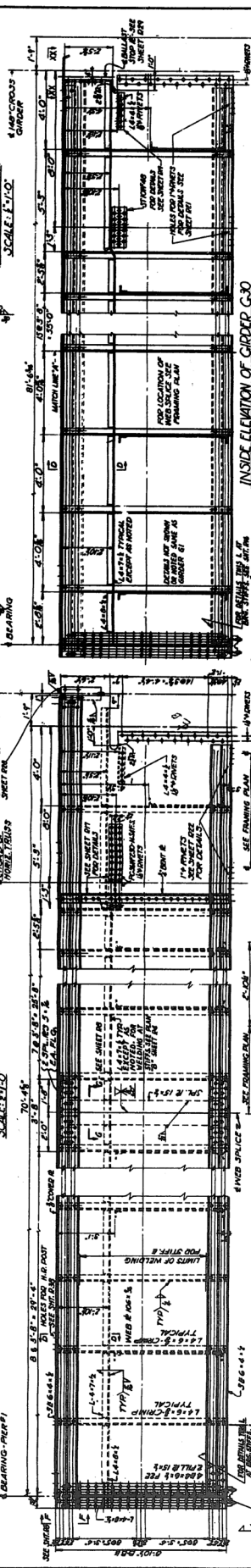
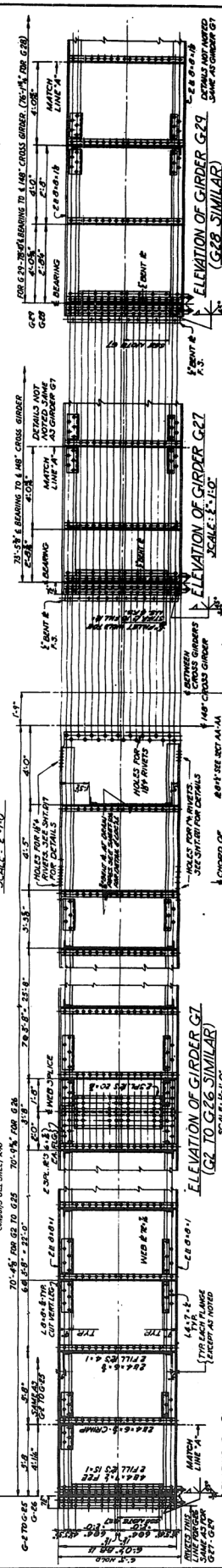
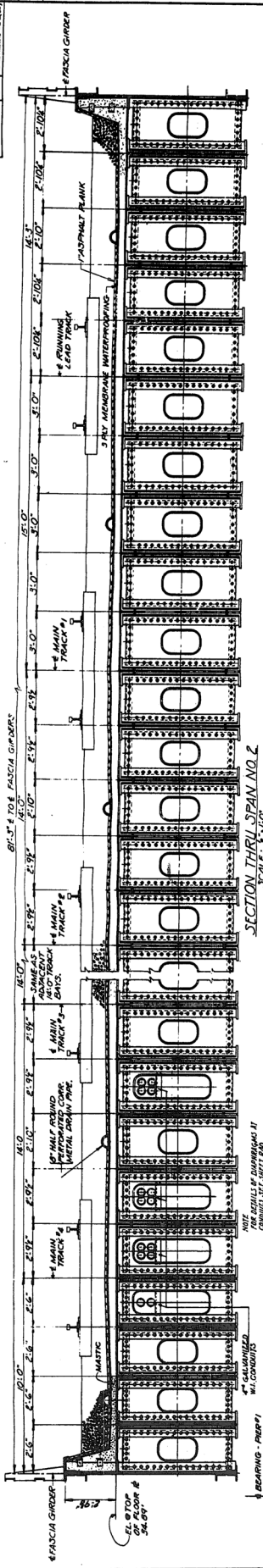


CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C&N.W. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0804-2
R.R. SPAN 2 - FRAMING PLAN
ALFRED BROWN & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS
DATE: JAN. 5, 1950
SHEET NO. 106 OF 160 SHEETS

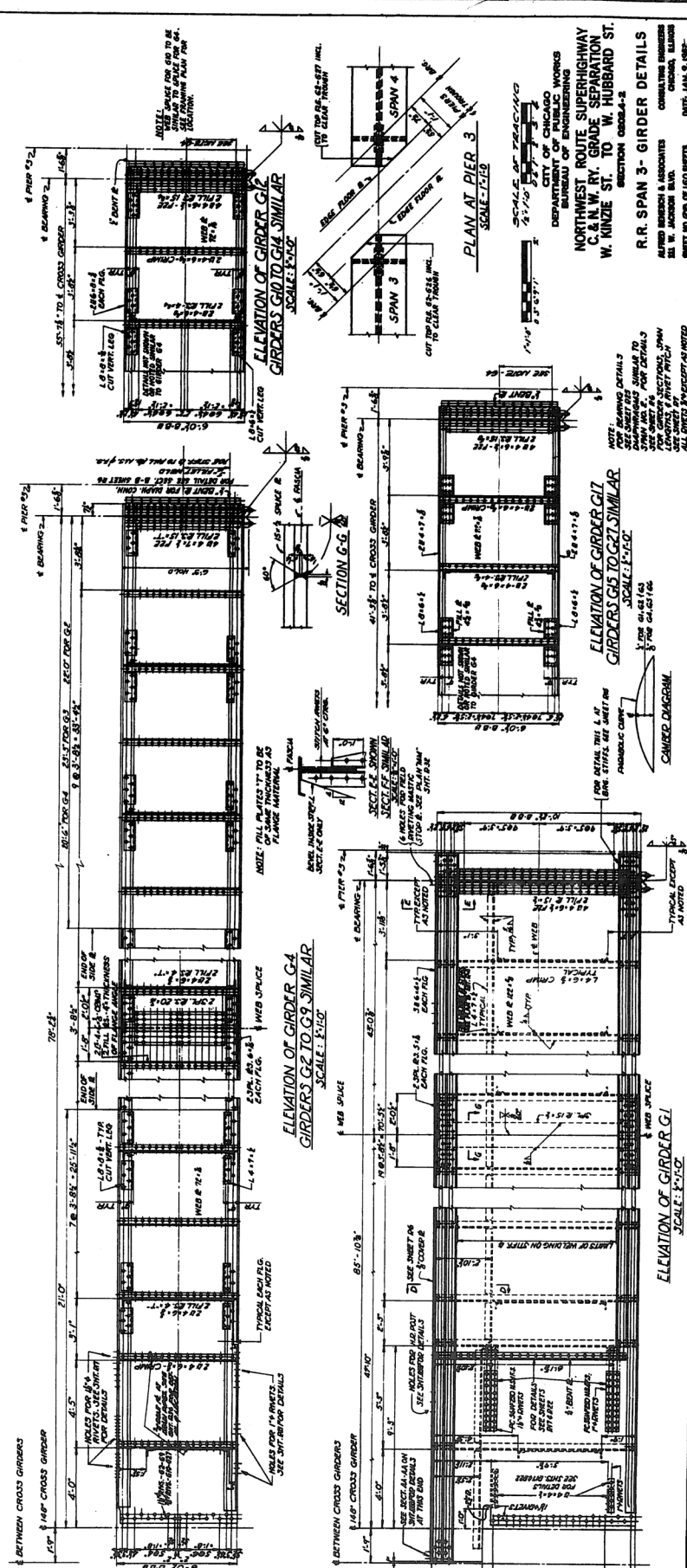
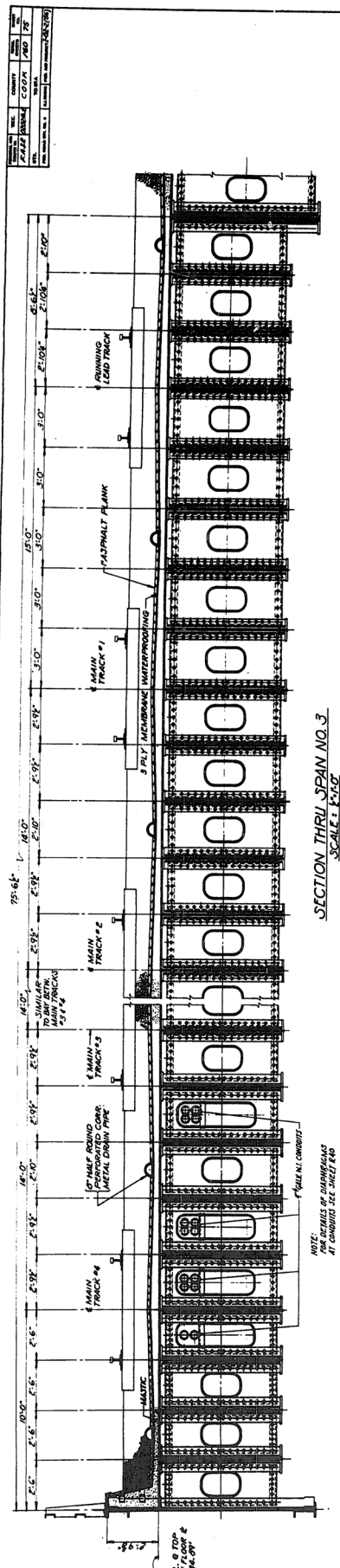
FRAMING PLAN, SPAN 2
SCALE: 1/4" = 1'-0"

PLAN AT SOUTHEAST CORNER
SCALE: 1/4" = 1'-0"

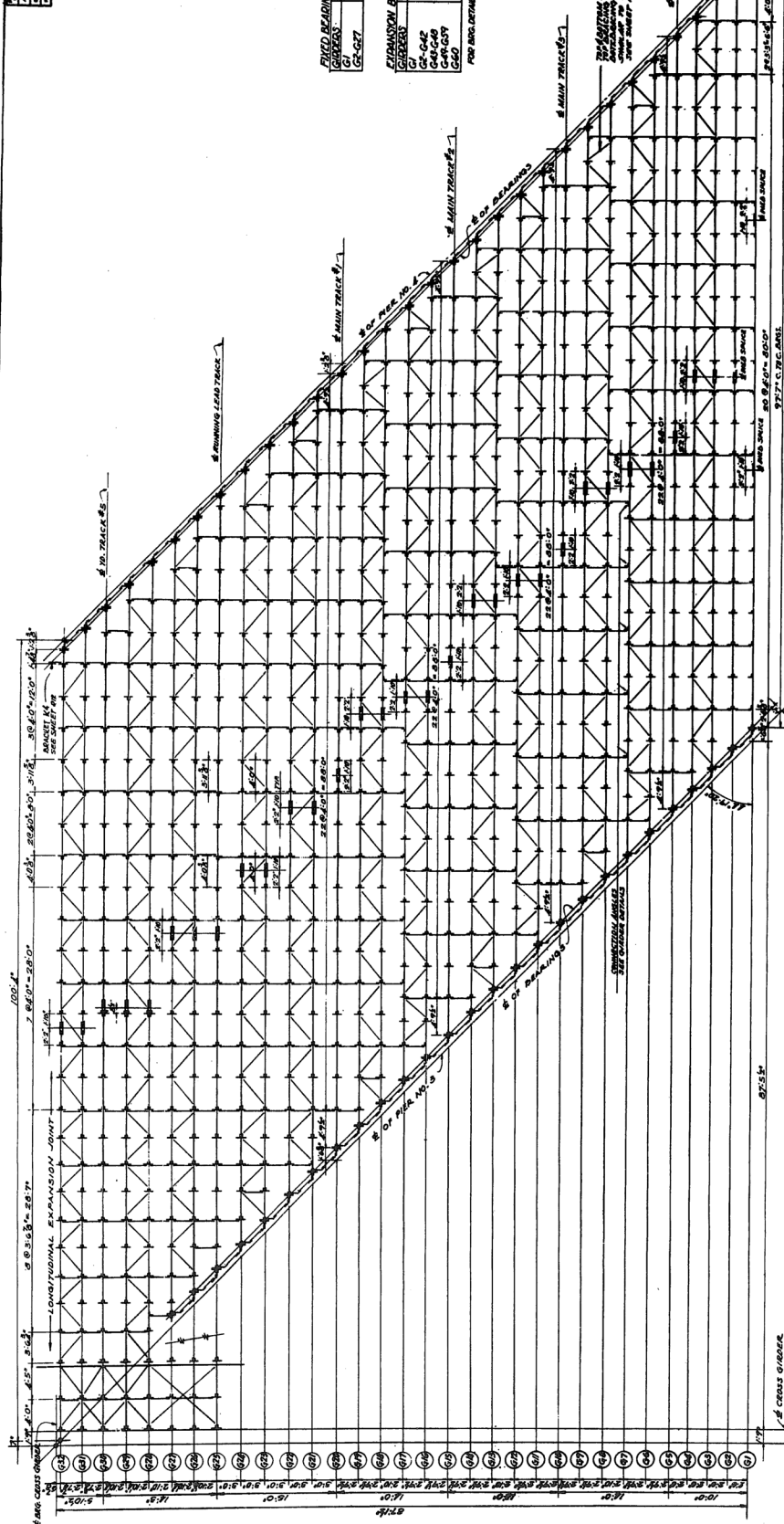
DESIGNED BY	CHAS. E. HARRIS
CHECKED BY	W. J. HARRIS
DATE	JAN. 2, 1937
PROJECT	CHICAGO
NO.	72
SCALE	AS SHOWN



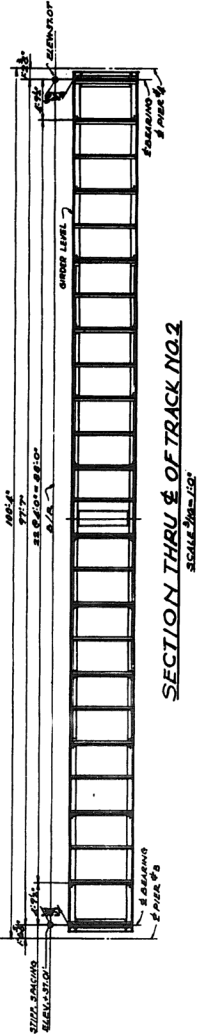
CITY OF CHICAGO
 DEPARTMENT OF PUBLIC WORKS
 NORTHWEST ROUTE SUPERHIGHWAY
 CHICAGO, ILL.
 W. N. HUBBARD ST.
 SECTION C-2
 R.R. SPAN 2 - GIRDER DETAILS
 ALFRED BRONKHORST & ASSOCIATES
 311 N. JACKSON BLVD.
 CHICAGO, ILL.
 SHEET NO. 6 OF 160 SHEETS
 DATE JAN. 2, 1937



NO.	DATE	BY	CHKD.	APP'D.
1	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
2	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
3	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
4	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
5	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
6	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
7	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
8	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
9	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS
10	1917	J. H. HARRIS	J. H. HARRIS	J. H. HARRIS



FRAMING PLAN (NORTH PORTION) SPAN 4
SCALE 3/8" = 1'-0"



SECTION THRU C OF TRACK NO. 2
SCALE 3/8" = 1'-0"

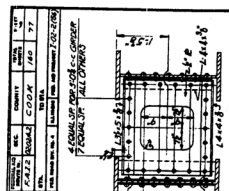


NOTES:
1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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10. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

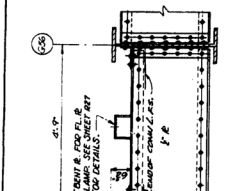
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0808.4-2

R.R. SPAN 4 - FRAMING PLAN
ALFRED BRIDGES & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
SHEET 1457 OF 150 SHEETS
DATE JAN. 1, 1917.

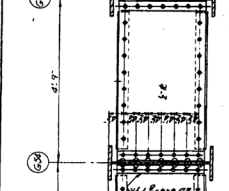
SCALE OF TRACING
3/8" = 1'-0"



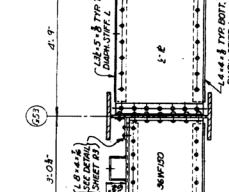
SECTION B.B.
TYPICAL WEST END DIAPHRAGM
FOR 36\"/>



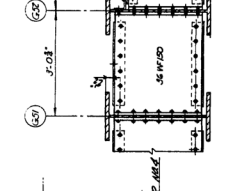
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TYPICAL INTERIOR DIAPHRAGM
FOR 36\"/>



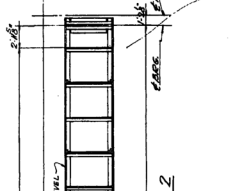
SECTION C.C.
TYPICAL LATERAL BRACING AT GIRDERS 66 & 67
BRACING FOR GIRDERS 63-64 & 66 TO 68 SIMILAR



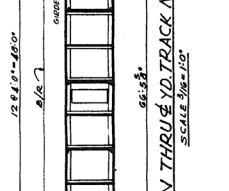
SECTION D.D.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR



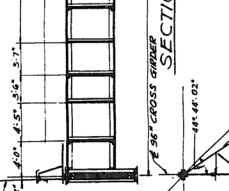
SECTION E.E.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR



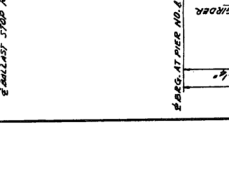
SECTION F.F.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR



SECTION G.G.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR



SECTION H.H.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR



SECTION I.I.
TYPICAL LATERAL BRACING AT GIRDERS 63-64 & 66 TO 68 SIMILAR

BEAM SCHEDULE

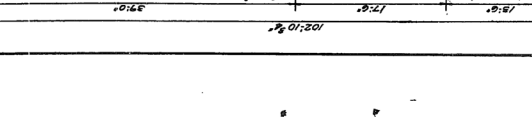
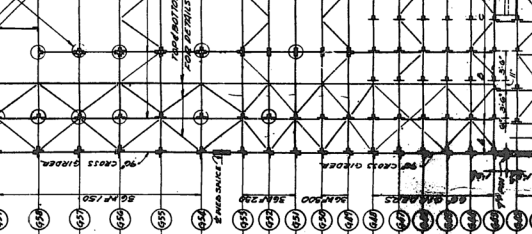
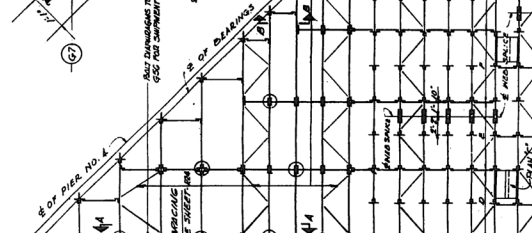
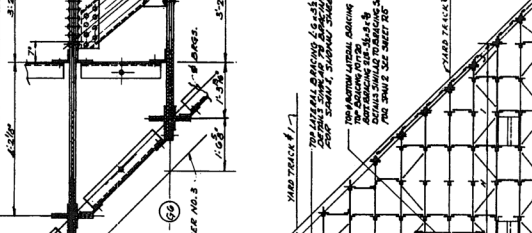
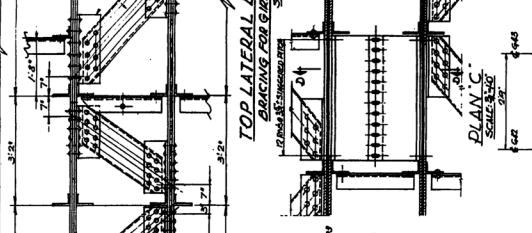
GIRDER	SECTION	SECTION
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64	12\"/>	12\"/>
65	12\"/>	12\"/>
66	12\"/>	12\"/>
67	12\"/>	12\"/>
68	12\"/>	12\"/>

GIRDER SCHEDULE

GIRDER	SECTION	SECTION
63	12\"/>	12\"/>
64	12\"/>	12\"/>
65	12\"/>	12\"/>
66	12\"/>	12\"/>
67	12\"/>	12\"/>
68	12\"/>	12\"/>

TOP LATERAL BRACING AT GIRDERS 66 & 67 BRACING FOR GIRDERS 63-64 & 66 TO 68 SIMILAR

GIRDER	SECTION	SECTION
63	12\"/>	12\"/>
64	12\"/>	12\"/>
65	12\"/>	12\"/>
66	12\"/>	12\"/>
67	12\"/>	12\"/>
68	12\"/>	12\"/>



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0002-A-2
R.R. SPAN 4-FRAMING PLAN
ALFRED BRENNER & ASSOCIATES
CONSULTING ENGINEERS
311 W. JACKSON BLVD.
CHICAGO, ILLINOIS
DATE JAN. 5, 1937.
SHEET NO. 10 OF 160 SHEETS

SCALES OF DRAWING
1\"/>

FOR DIMENSION BRACKETS
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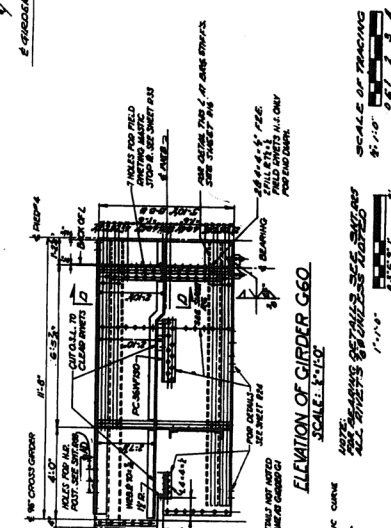
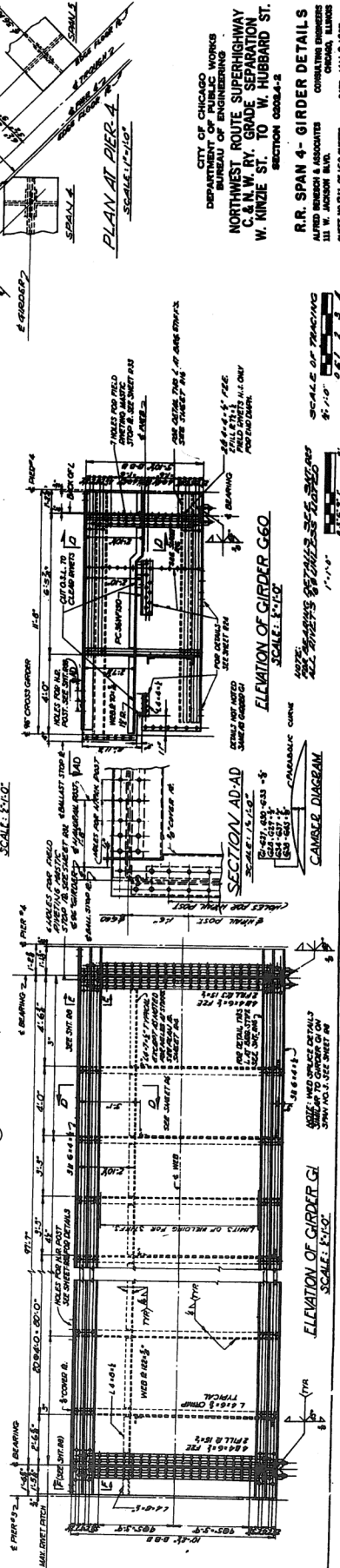
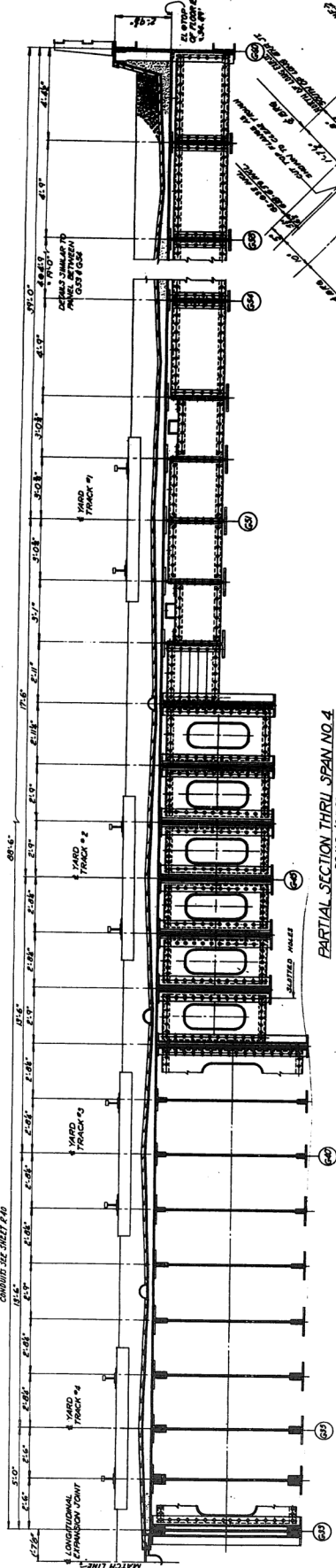
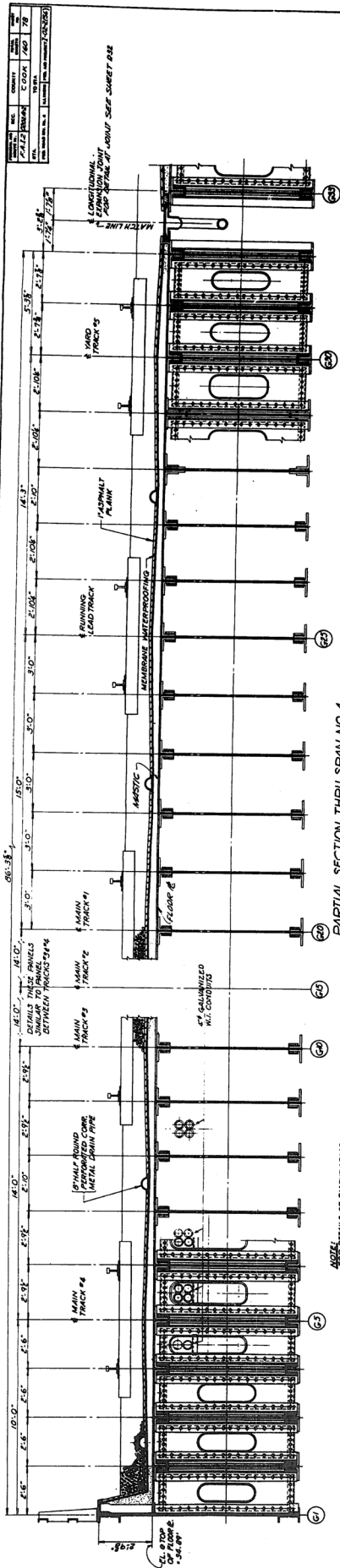
FOR DIMENSION BRACKETS
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FOR DIMENSION BRACKETS
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FOR DIMENSION BRACKETS
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FOR DIMENSION BRACKETS
0\"/>

FOR DIMENSION BRACKETS
0\"/>



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

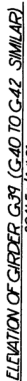
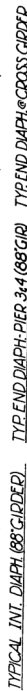
NORTHWEST ROUTE SUPERHIGHWAY
C.&N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.

SECTION 00064-2

R.R. SPAN 4 - GIRDER DETAILS
ALFRED BENSCH & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

DATE JAN. 1967
DRAWN BY D.L. DE WINTER

APPROXIMATE SIDE R CUT-OFF DIMENSIONS				
GIRDER NO.	"A"	"B"	"C"	"D"
G-33	19'-0"	7'-0"	7'-0"	15'-0"
34	16'-6"	8'-0"	8'-0"	16'-7"
35	23'-0"	-	-	23'-0"
36	22'-0"	-	-	22'-0"
37	21'-6"	-	-	21'-6"



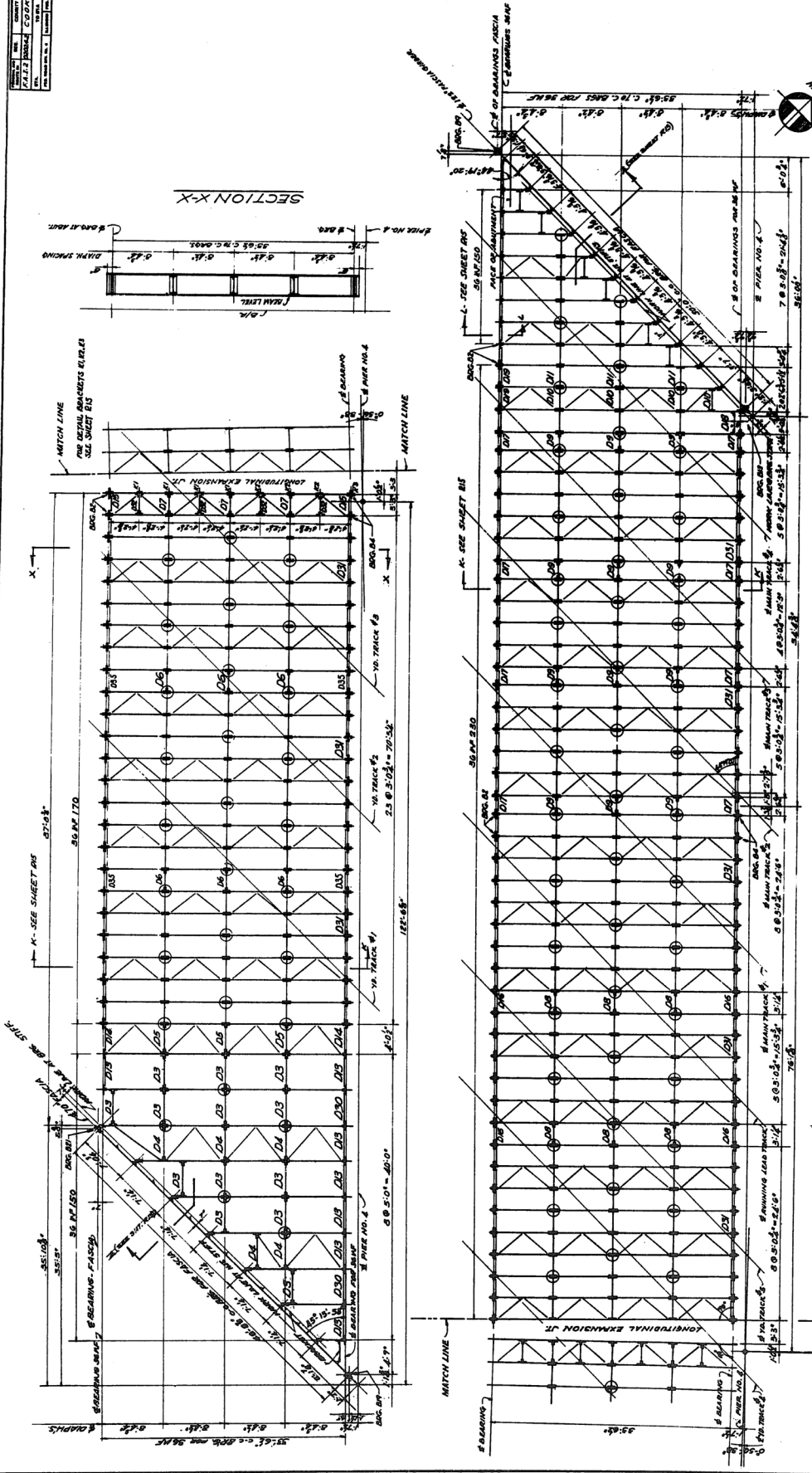
NOTE: FOR GIRDER SECTIONS, SPAN LENGTHS,
Ø RIVET PITCH SEE SHEET P10
ALL RIVETS 3/4" EXCEPT AS NOTED
CUT TOP PLG. L¹ GIRDERS AT PIER 4 TO CLEAR

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
KINZIE ST. TO W. HARRISON ST.

R.R. SPAN 4 - GIRDER DETAILS
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

SCALE OF TRACING

DATE	1/17/22	BY	CCG	NO.	10
REVISION		BY		NO.	
1	1/17/22	CCG	10		
2	1/17/22	CCG	10		
3	1/17/22	CCG	10		
4	1/17/22	CCG	10		
5	1/17/22	CCG	10		
6	1/17/22	CCG	10		
7	1/17/22	CCG	10		
8	1/17/22	CCG	10		
9	1/17/22	CCG	10		
10	1/17/22	CCG	10		



SECTION X-X

FRAMING PLAN SPAN NO. 5

SCALE: 3/8" = 1'-0"

NOTES:

- 1. THE GIRDER BEAMS WITHOUT BRACING EXCEPT AS NOTED.
- 2. THE BEAM AT END OF MAIN GIRDER EXCEPT AS NOTED.
- 3. FOR DETAILS OF BEAM END, SEE SHEET NO. 4.
- 4. FOR DETAILS OF BEAM END, SEE SHEET NO. 6.
- 5. FOR DETAILS OF BEAM END, SEE SHEET NO. 8.
- 6. FOR DETAILS OF BEAM END, SEE SHEET NO. 10.

SCALE OF TRACING

1" = 10'-0"

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C & N W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0884-2

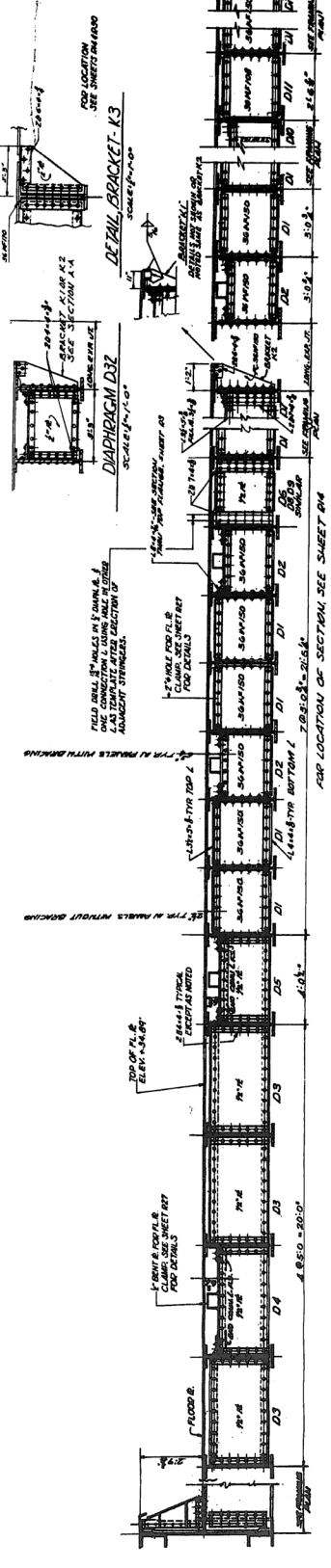
RR SPAN 5 - FRAMING PLAN

ALFRED BRIDGES & ASSOCIATES
CONSULTING ENGINEERS
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS

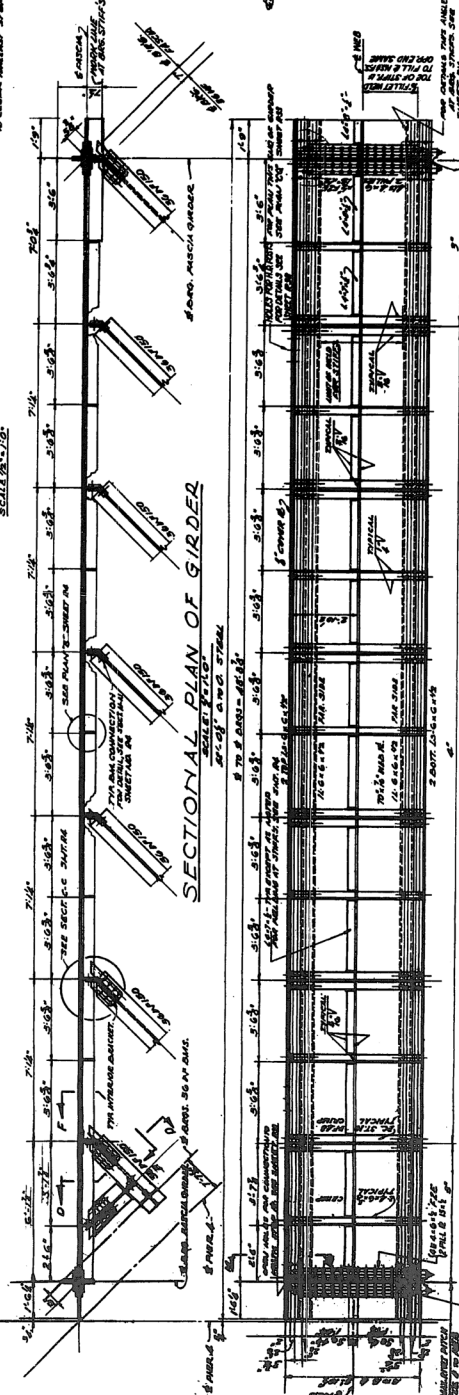
DATE: JAN. 5, 1927.

SHEET NO. 10 OF 160 SHEETS

NO.	DATE	BY	CHKD.	APP.	REVISION
1	1912	J. J. JOHNSON	C. JOHNSON		AS SHOWN
2	1912	J. J. JOHNSON	C. JOHNSON		AS SHOWN

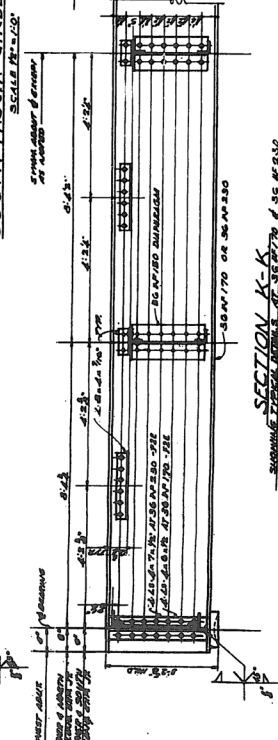


TYPICAL SECTION A-A
SCALE 1/4" = 1'-0"

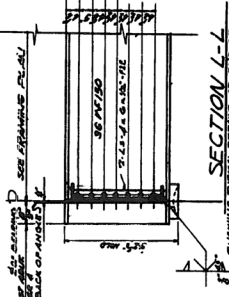


SECTIONAL PLAN OF GIRDER
SCALE 1/4" = 1'-0"

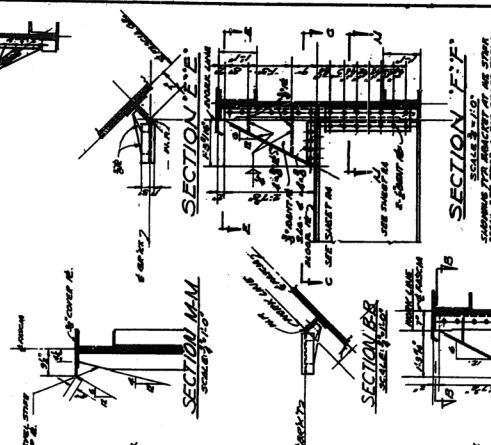
SOUTH FASCIA GIRDER SPAN NO. 5
SCALE 1/4" = 1'-0"



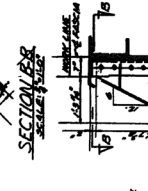
SECTION K-K
SCALE 1/4" = 1'-0"



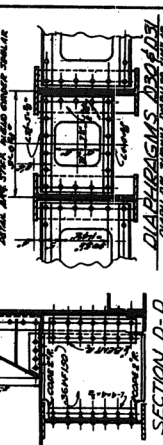
SECTION L-L
SCALE 1/4" = 1'-0"



SECTION E-E
SCALE 1/4" = 1'-0"



SECTION F-F
SCALE 1/4" = 1'-0"



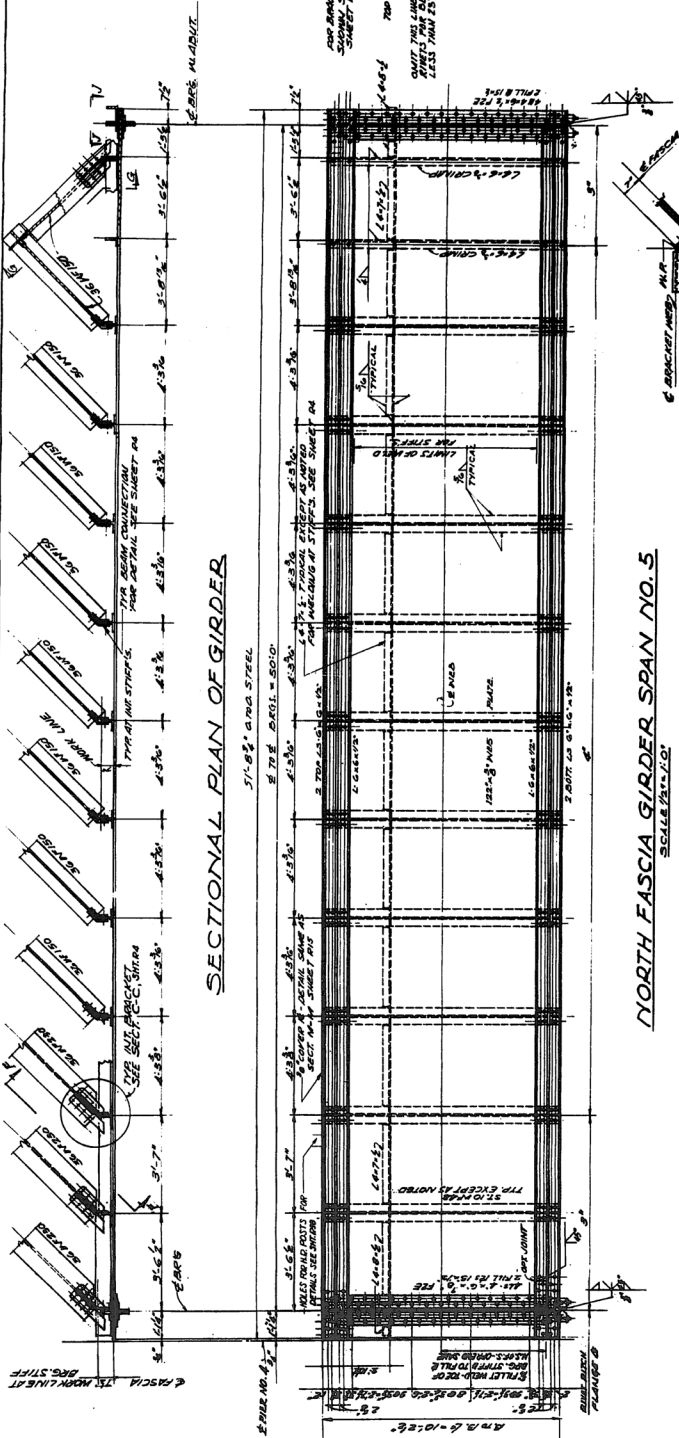
SECTION G-G
SCALE 1/4" = 1'-0"

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C&N. WY. GRADE SEPARATION
W. MINZIE ST. TO W. HUBBARD ST.
SECTION G-4-2
R.R. SPAN 9-GIRDER DETAILS
ALFRED BRIDGES & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS
SHEET NO. 1515 OF 160 SHEETS
DATE JAN. 1, 1912

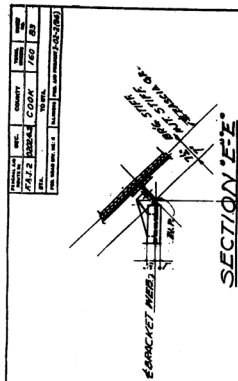


SCALE OF TRACING
1/4" = 1'-0"

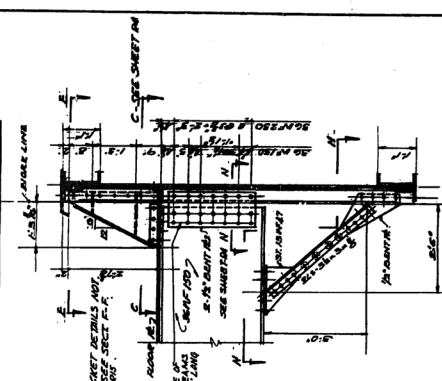
PROJECT NO.	100-100
DATE	1917
BY	W. J. JACKSON
CHECKED BY	W. J. JACKSON
APPROVED BY	W. J. JACKSON
SCALE	1/2" = 1'-0"



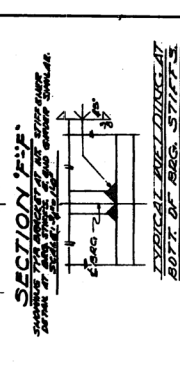
NORTH FASCIA GIRDER SPAN NO. 5
SCALE: 1/2" = 1'-0"



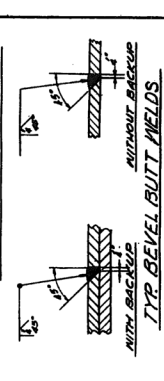
SECTION F-F



SECTION F-F

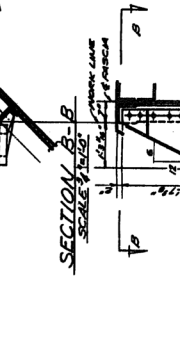


TYPICAL BUILDING AT
BOTTOM OF REG. STIFFS

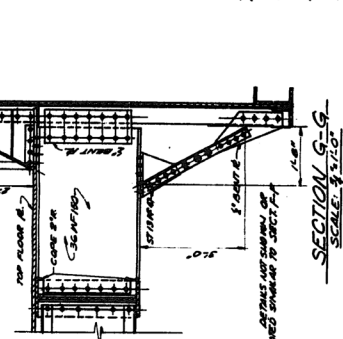


TYR BEVEL BUTT WELDS

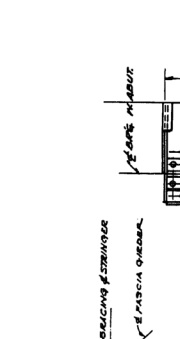
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0202-4-2
R.R. SPAN 9 - GIRDER DETAILS
ALFRED HENSON & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
DATE JAN. 9, 1917.
SHEET NO. 10 OF 100 SHEETS



SECTION B-B
SCALE: 1/2" = 1'-0"



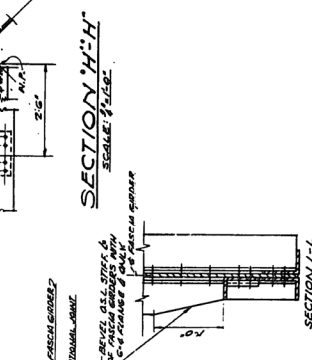
SECTION G-G
SCALE: 1/2" = 1'-0"



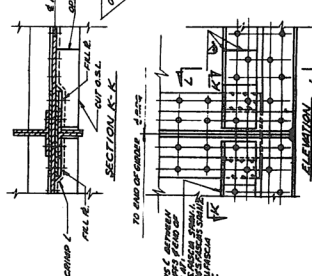
SECTION H-H
SCALE: 1/2" = 1'-0"



SECTION I-I
SCALE: 1/2" = 1'-0"

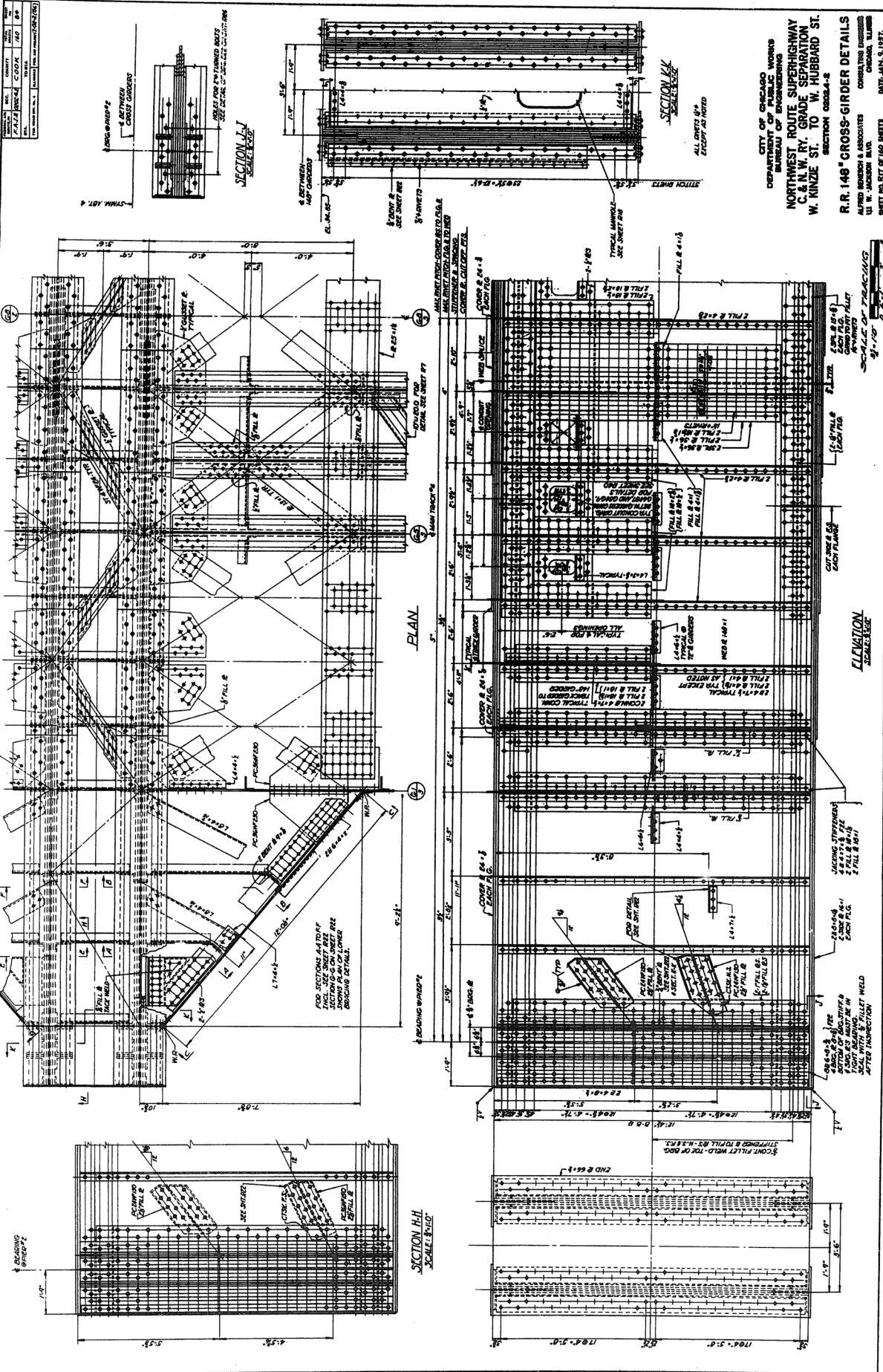


SECTION J-J
SCALE: 1/2" = 1'-0"



TYR DETAILS BOTTOM OF FASCIA AT REG.
SCALE: 1/2" = 1'-0"

PERSONAL AND BUSINESS	BCC.	COUNTY	TOTAL BILLS	SHEET NO.
FAJL	300-42	COOK	160	04
BTL TO B1A				
FED. ROAD DIST. NO. 4				
FED. AID PROJECT 7-01-2786				



**CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING**

**NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.**

SECTION 0006.4-2

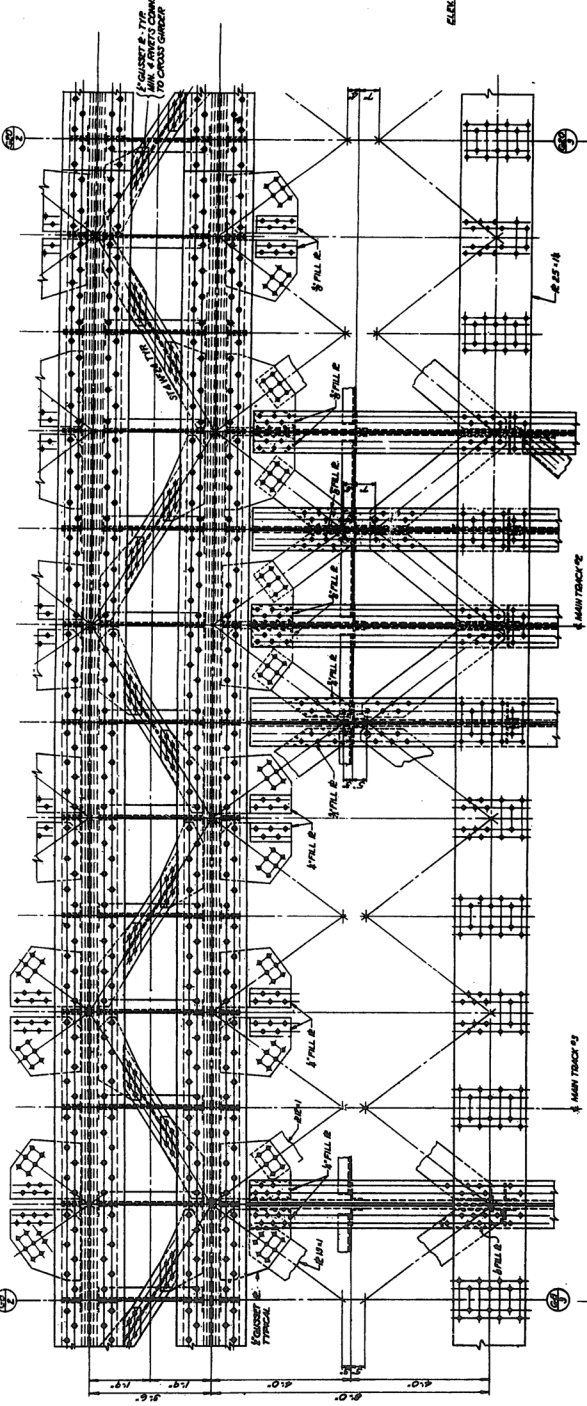
R.R. 148" CROSS-GIRDER DETAILS

**ALFRED BENSON & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS**

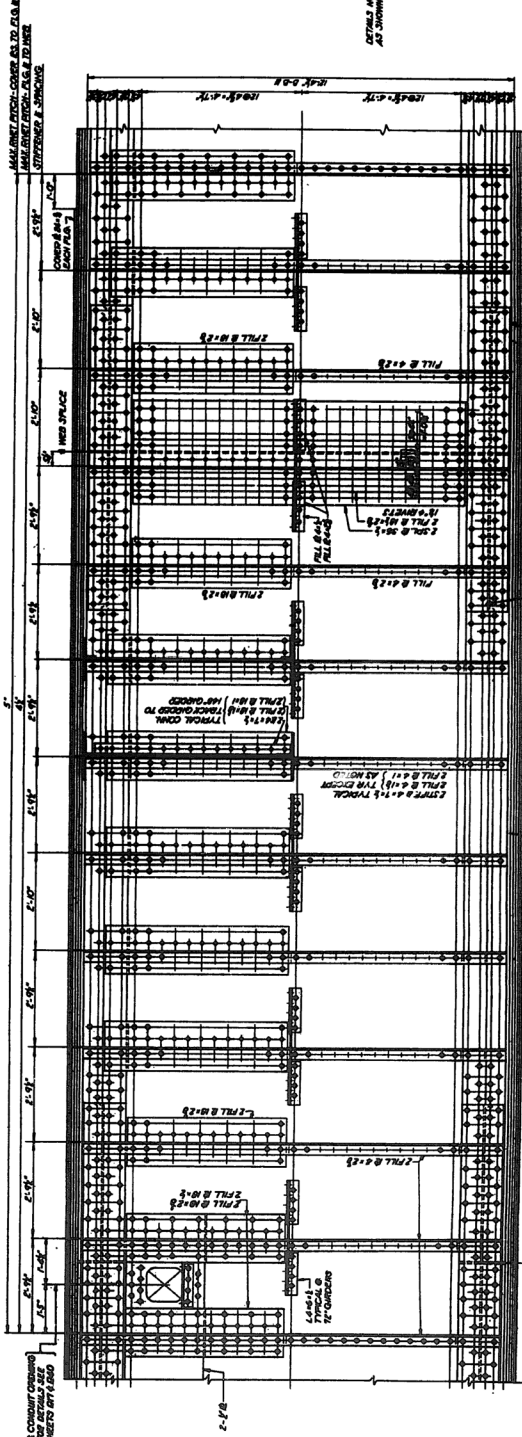
DATE: JAN. 9, 1977.

SHEET NO. 117 OF 160 SHEETS

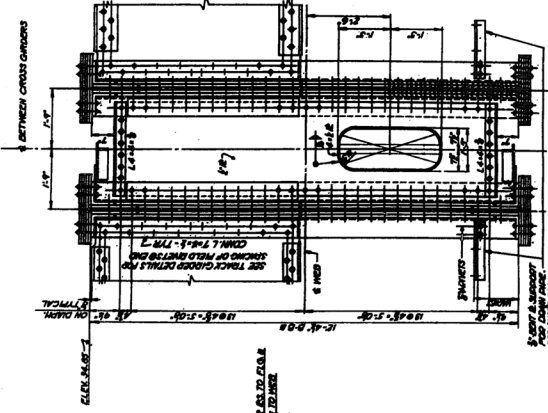
DATE	1917	BY	W. H. B.
CHECKED		BY	
APPROVED		BY	
REVISIONS			
NO.	1	DESCRIPTION	REVISION
1			



PLAN



ELEVATION



TYPICAL SECTION THRU DOUBLE GIRDER

DETAILS NOT SHOWN ARE SAME AS SHOWN ON SHEET 87

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION CROSS-SECTION

R.R. 148" CROSS-GIRDER DETAILS
GENERAL NOTES: SEE SHEET 86 FOR DETAILS OF MAIN TRUCKS
DATE: JAN. 1, 1917



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERS

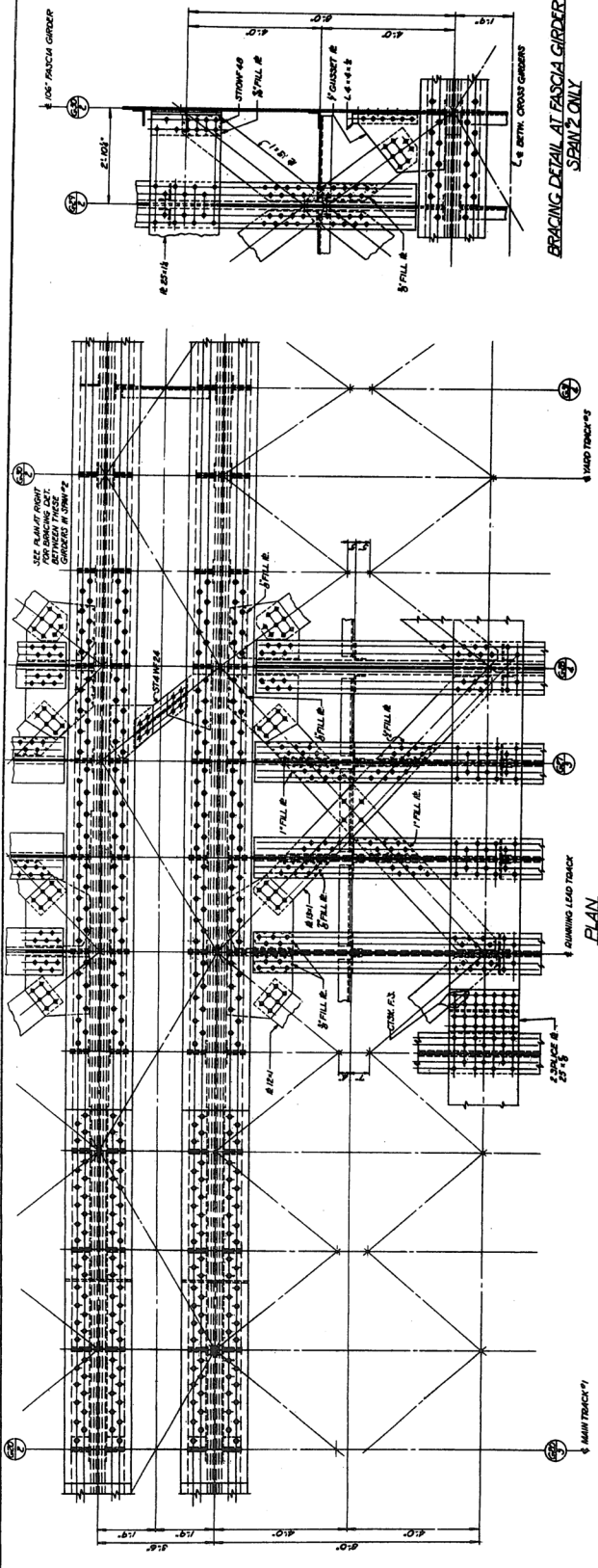
NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.

SECTION 0804.4-3

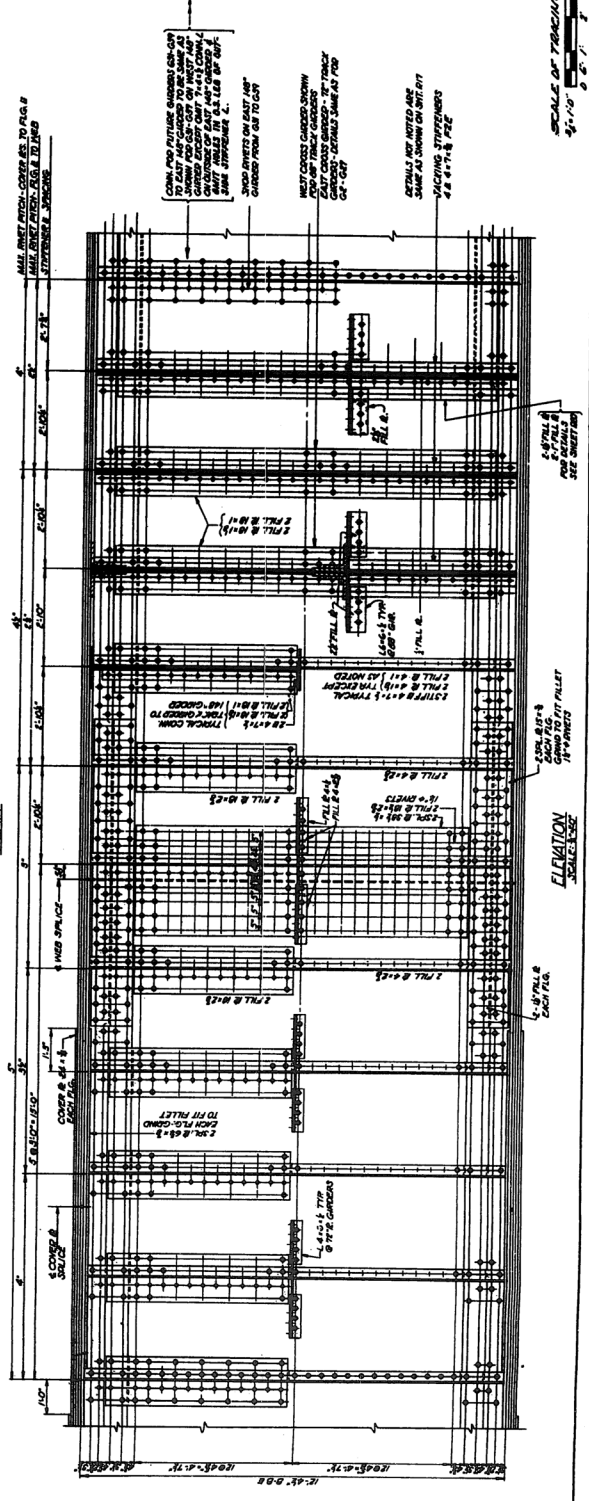
R.R. 148" CROSS-GIRDER DETAILS

ALFRED BOWEN & ASSOCIATES
111 W. JACKSON BLVD.

DATE: JAN. 9, 1957
SHEET NO. 17 OF 160 SHEETS

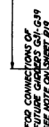


BRACING DETAIL AT FASCIA GIRDER
SPAN 2 ONLY

ELEVATION[illegible]

SCALE OF TRACING.

FUTURE GIRDERS



DETAILS NOT NOTED ARE
SAME AS SHOWN ON JNT. 017

SCALE OF FEASING
0 6" 1' 2' 3'

ELEVATION
SCALE: 1" = 1'-0"

DATE	1927	BY	W.B.
CHECKED	W.B.	DATE	1927
DESIGNED	W.B.	DATE	1927
APPROVED	W.B.	DATE	1927

SECTION A-A
SCALE: 1/2" = 1'-0"

SECTION B-B
SCALE: 1/2" = 1'-0"

SECTION C-C
SCALE: 1/2" = 1'-0"

SECTION D-D
SCALE: 1/2" = 1'-0"

SECTION E-E
SCALE: 1/2" = 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 I-I
SCALE: 1/2" = 1'-0"

SECTION J-J
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 N-N
SCALE: 1/2" = 1'-0"

SECTION O-O
SCALE: 1/2" = 1'-0"

SECTION P-P
SCALE: 1/2" = 1'-0"

SECTION Q-Q
SCALE: 1/2" = 1'-0"

SECTION R-R
SCALE: 1/2" = 1'-0"

SECTION S-S
SCALE: 1/2" = 1'-0"

SECTION T-T
SCALE: 1/2" = 1'-0"

SECTION U-U
SCALE: 1/2" = 1'-0"

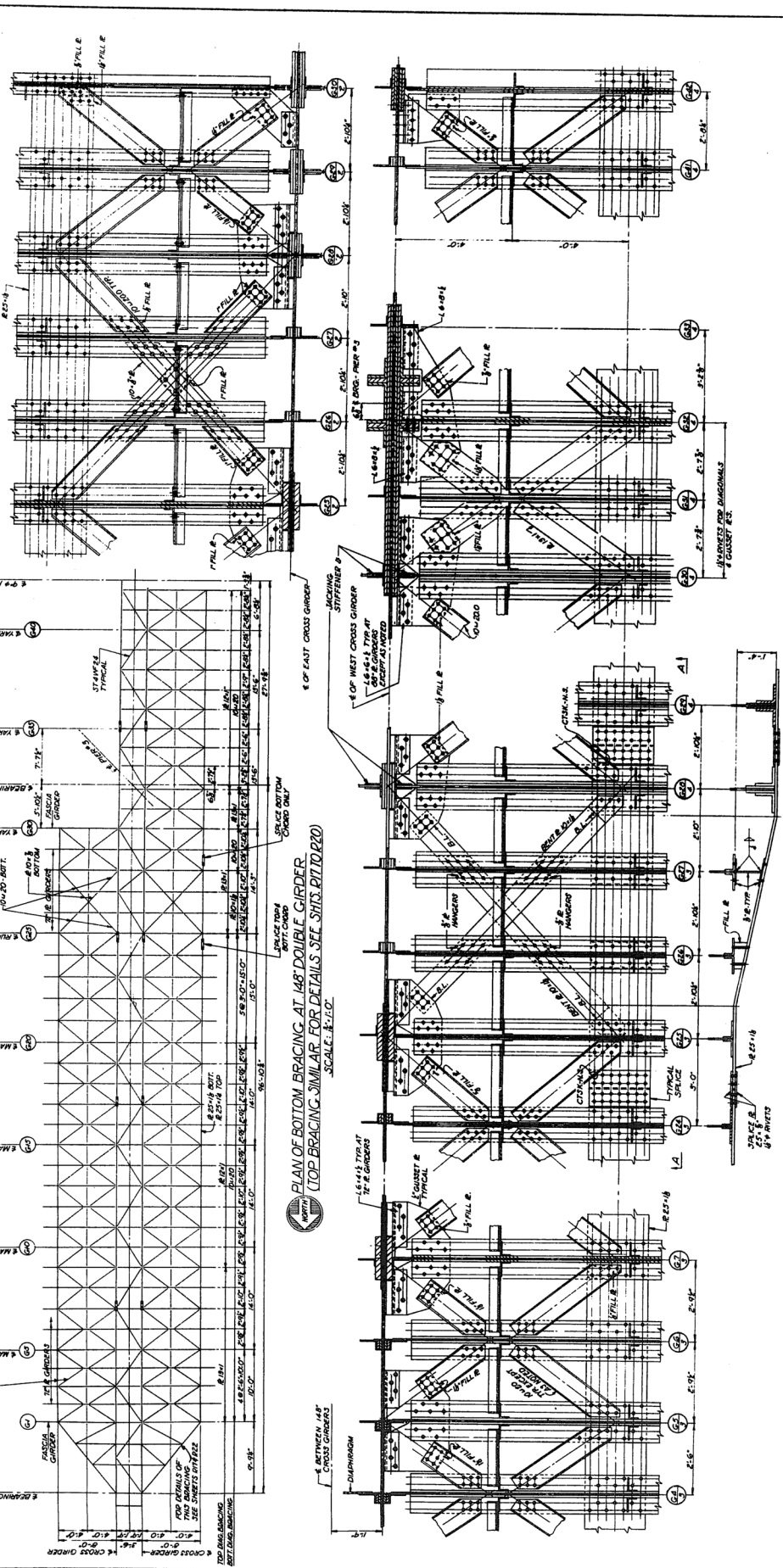
SECTION V-V
SCALE: 1/2" = 1'-0"

SECTION W-W
SCALE: 1/2" = 1'-0"

SECTION X-X
SCALE: 1/2" = 1'-0"

SECTION Y-Y
SCALE: 1/2" = 1'-0"

SECTION Z-Z
SCALE: 1/2" = 1'-0"



NOTE: 1. DIMENSIONS SHOWN UNLESS NOTED

2. MATERIALS AND CONNECTIONS TO BE AS SHOWN UNLESS NOTED

3. ALL DIMENSIONS TO BE IN FEET AND INCHES

4. ALL DIMENSIONS TO BE IN FEET AND INCHES

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100. ALL DIMENSIONS TO BE IN FEET AND INCHES

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. MINZIE ST. TO W. HUBBARD ST.
SECTION 00024-2

R.R. 148" CROSS-GIRDER DETAILS

ALFRED BIRCH & ASSOCIATES
CONSULTING ENGINEERS
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS

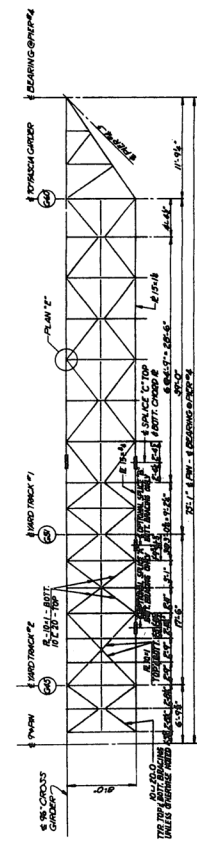
DATE: JAN. 9, 1927

SHEET NO. 2 OF 142 SHEETS

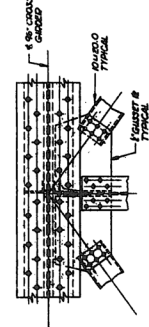
SCALE OF TRACING
1/2" = 1'-0"
1/4" = 1'-0"
1/8" = 1'-0"
1/16" = 1'-0"

**NOTE: FOR PLAN OF WORKED
BOATING SEE SHEET D17**

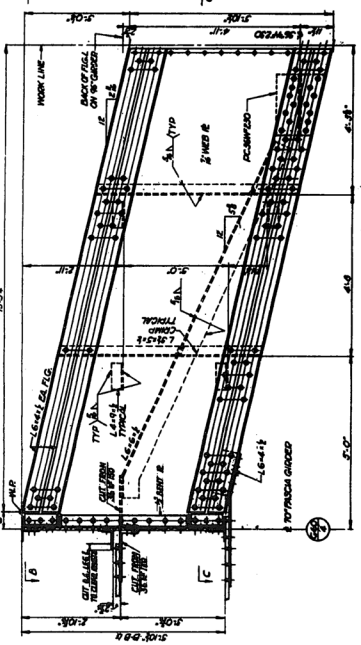
NO.	REV.	DATE	BY
1	1	10/10/97	WJ
2	1	10/10/97	WJ
3	1	10/10/97	WJ
4	1	10/10/97	WJ
5	1	10/10/97	WJ
6	1	10/10/97	WJ
7	1	10/10/97	WJ
8	1	10/10/97	WJ
9	1	10/10/97	WJ
10	1	10/10/97	WJ



PLAN OF BOTTOM BRACING AT 96\"/>

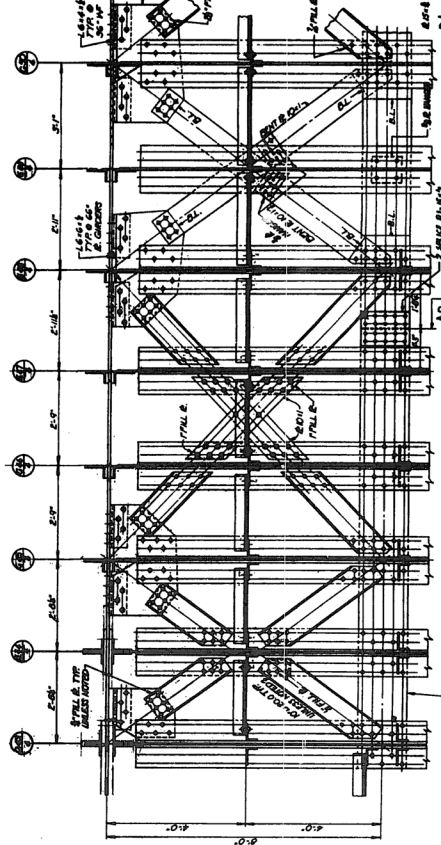


DETAIL OF TYPICAL TOP BRACING CONNECTION
SCALE: 3/4\"/>



SECTION A-A
SCALE: 3/4\"/>

SECTION D-D
SCALE: 3/4\"/>



SECTION B-B
SCALE: 3/4\"/>

SECTION C-C
SCALE: 3/4\"/>

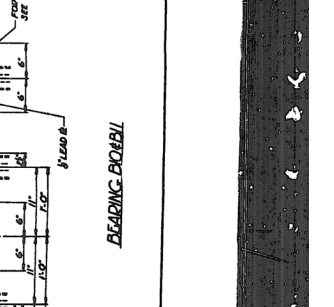
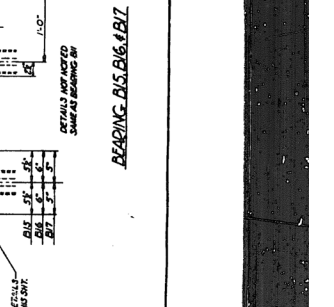
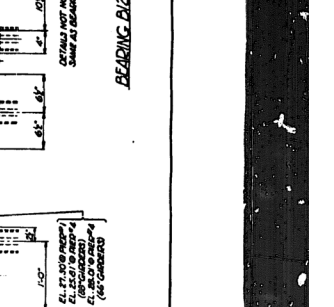
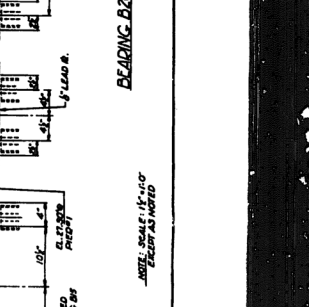
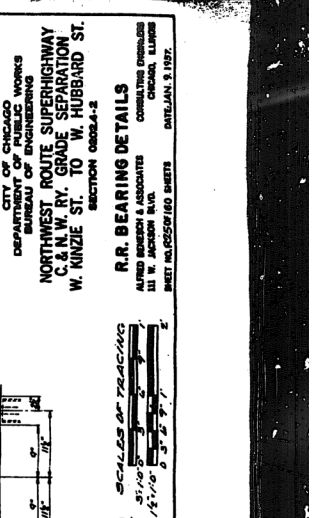
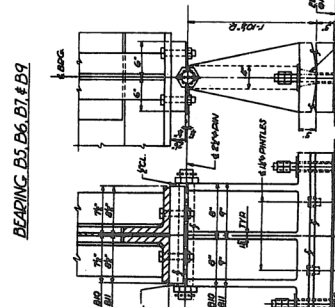
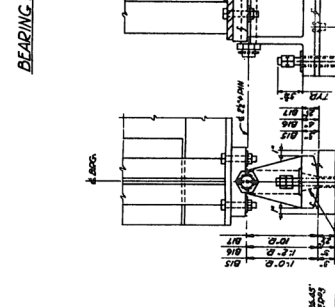
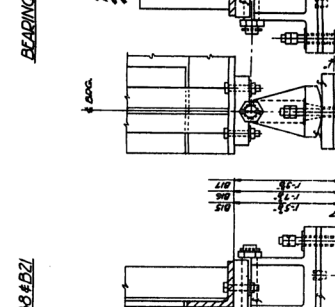
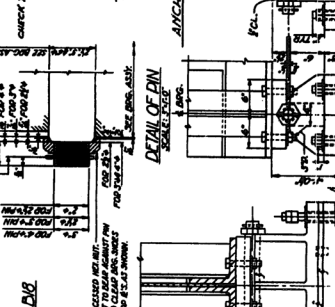
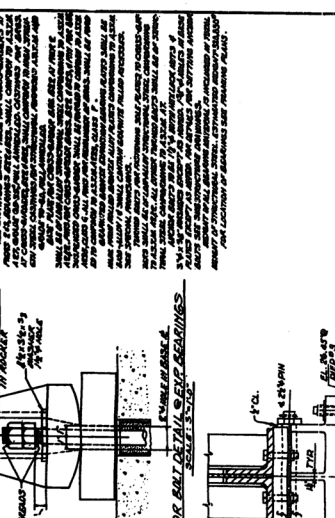
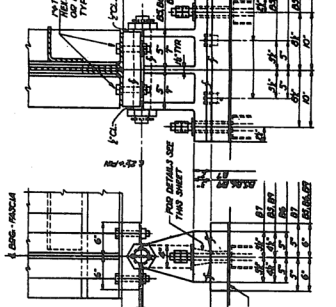
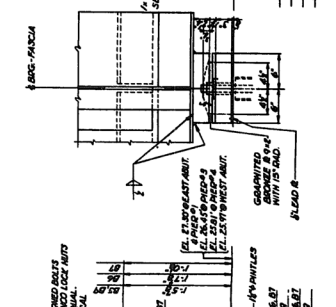
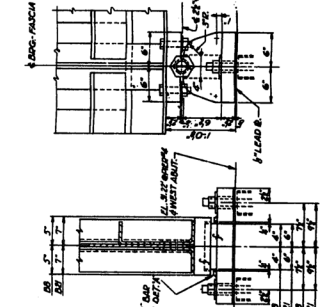
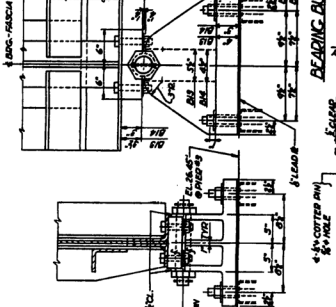
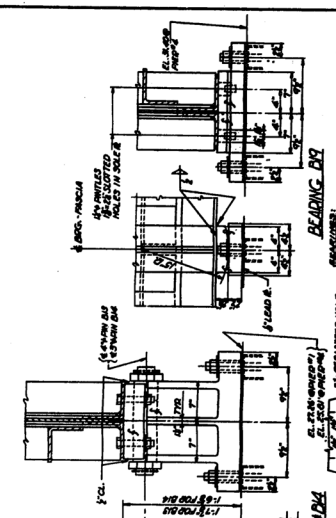
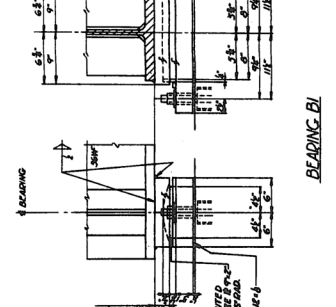
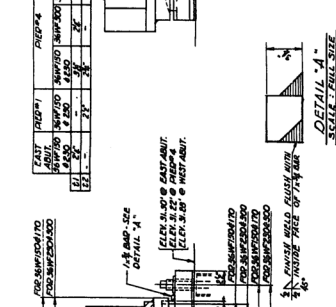
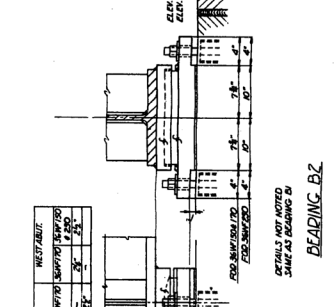
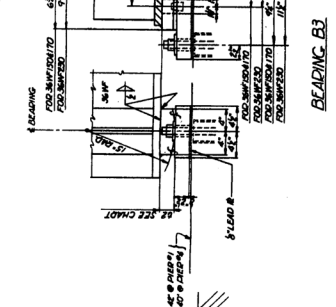
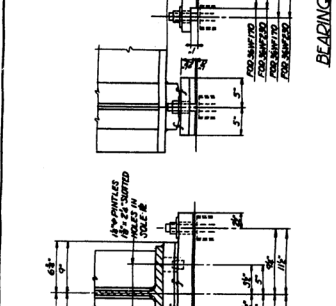
SECTION C-C
SCALE: 3/4\"/>

SECTION D-D
SCALE: 3/4\"/>

RR. 96\"/>

DATE JAN. 9, 1997

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2	1	10/22/20	WJ	WJ
3	1	10/22/20	WJ	WJ
4	1	10/22/20	WJ	WJ
5	1	10/22/20	WJ	WJ
6	1	10/22/20	WJ	WJ
7	1	10/22/20	WJ	WJ
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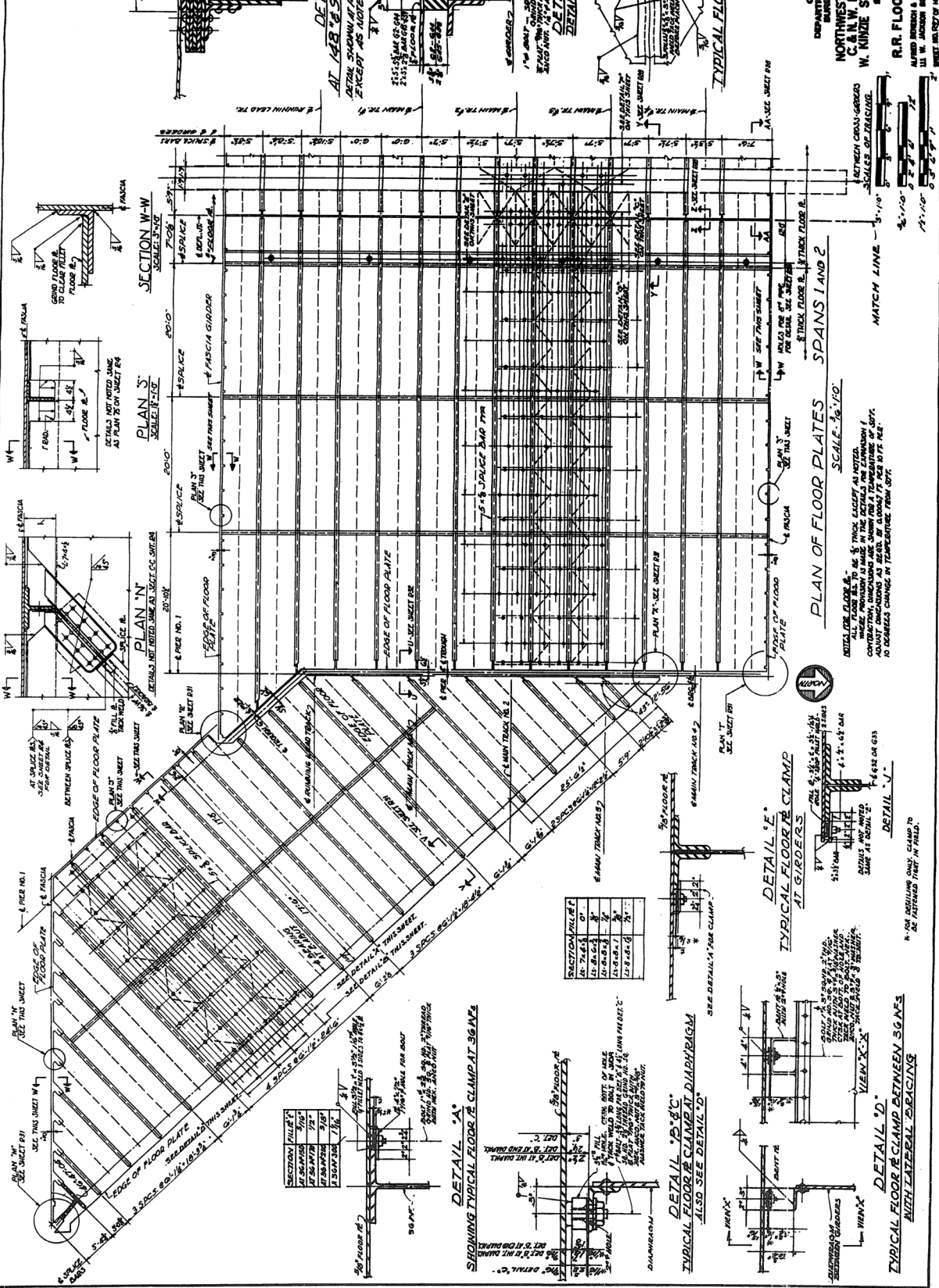


CITY OF CHICAGO
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NORTHWEST ROUTE SUPERHIGHWAY
C & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 00004-1-2

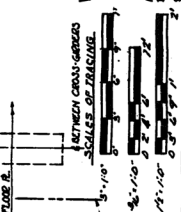
R.R. BEARING DETAILS
ALFRED MERRICK & ASSOCIATES
CONSULTING ENGINEERS
111 N. W. RY. ST.
CHICAGO, ILL.
DATE: JAN. 9, 1937.

BEARING B20 **SCALE: 1/4" = 1'-0"**
BEARING B12 **SCALE: 1/4" = 1'-0"**
BEARING B15, B16, B17 **SCALE: 1/4" = 1'-0"**
BEARING B10, B11 **SCALE: 1/4" = 1'-0"**

1117	BRIDGE	CROSS	100	50
1118	BRIDGE	CROSS	100	50
1119	BRIDGE	CROSS	100	50
1120	BRIDGE	CROSS	100	50
1121	BRIDGE	CROSS	100	50
1122	BRIDGE	CROSS	100	50
1123	BRIDGE	CROSS	100	50
1124	BRIDGE	CROSS	100	50
1125	BRIDGE	CROSS	100	50
1126	BRIDGE	CROSS	100	50
1127	BRIDGE	CROSS	100	50
1128	BRIDGE	CROSS	100	50
1129	BRIDGE	CROSS	100	50
1130	BRIDGE	CROSS	100	50
1131	BRIDGE	CROSS	100	50
1132	BRIDGE	CROSS	100	50
1133	BRIDGE	CROSS	100	50
1134	BRIDGE	CROSS	100	50
1135	BRIDGE	CROSS	100	50
1136	BRIDGE	CROSS	100	50
1137	BRIDGE	CROSS	100	50
1138	BRIDGE	CROSS	100	50
1139	BRIDGE	CROSS	100	50
1140	BRIDGE	CROSS	100	50
1141	BRIDGE	CROSS	100	50
1142	BRIDGE	CROSS	100	50
1143	BRIDGE	CROSS	100	50
1144	BRIDGE	CROSS	100	50
1145	BRIDGE	CROSS	100	50
1146	BRIDGE	CROSS	100	50
1147	BRIDGE	CROSS	100	50
1148	BRIDGE	CROSS	100	50
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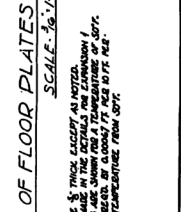


CITY OF CHICAGO
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NORTHWEST ROUTE SUPERHIGHWAY
C & N W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0808A-3
R.R. FLOOR PLATE DETAILS
ALFRED BRIDGES & ASSOCIATES
CHICAGO, ILLINOIS
DATE: JAN. 9, 1957

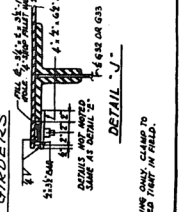


PLAN OF FLOOR PLATES SPANS 1 AND 2
SCALE 1/2" = 1'-0"

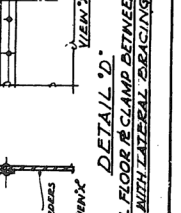
DETAILS OF FLOOR PLATE CLAMP AT 36" ON C
CLAMP PROVISION IS MADE IN THE DETAILS FOR LAMINATION 1
CONCRETE, BRIDGE DECK AND GIRDERS FOR A TEMPERATURE OF 50°F.
CLAMP SHALL BE PROVIDED FOR ALL GIRDERS
NO DECREASE CHANGE IN TEMPERATURE FROM 50°F.



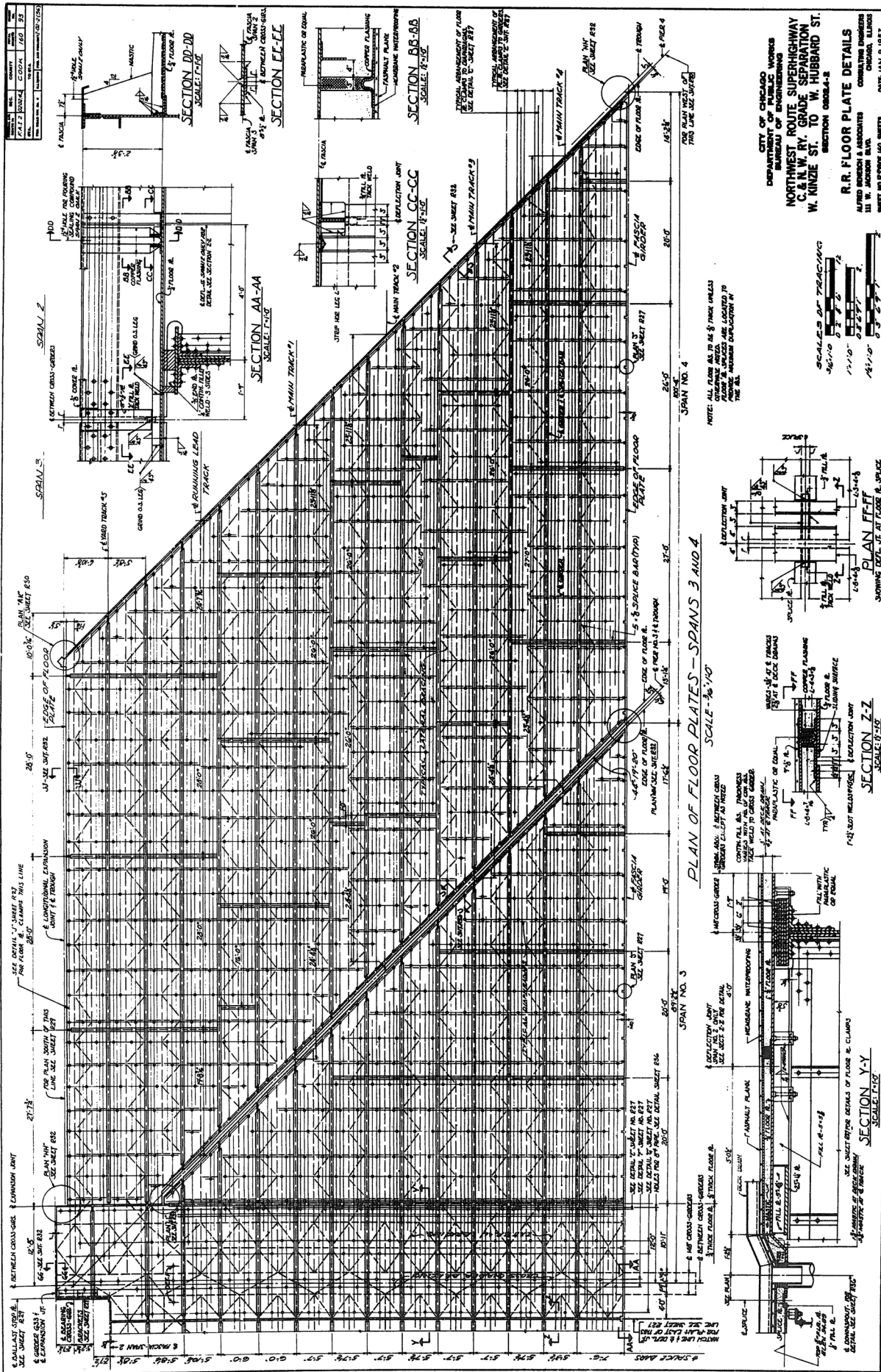
DETAILS OF FLOOR PLATE CLAMP AT 36" ON C
CLAMP PROVISION IS MADE IN THE DETAILS FOR LAMINATION 1
CONCRETE, BRIDGE DECK AND GIRDERS FOR A TEMPERATURE OF 50°F.
CLAMP SHALL BE PROVIDED FOR ALL GIRDERS
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DETAILS OF FLOOR PLATE CLAMP AT 36" ON C
CLAMP PROVISION IS MADE IN THE DETAILS FOR LAMINATION 1
CONCRETE, BRIDGE DECK AND GIRDERS FOR A TEMPERATURE OF 50°F.
CLAMP SHALL BE PROVIDED FOR ALL GIRDERS
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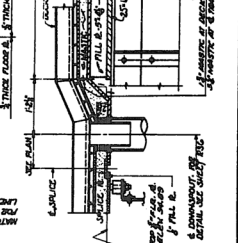
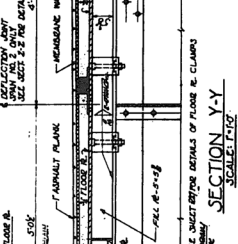
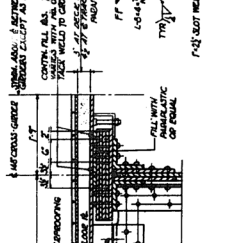
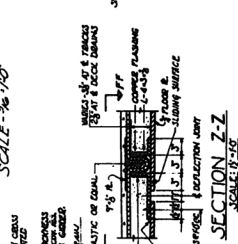
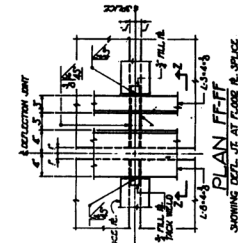
DETAILS OF FLOOR PLATE CLAMP AT 36" ON C
CLAMP PROVISION IS MADE IN THE DETAILS FOR LAMINATION 1
CONCRETE, BRIDGE DECK AND GIRDERS FOR A TEMPERATURE OF 50°F.
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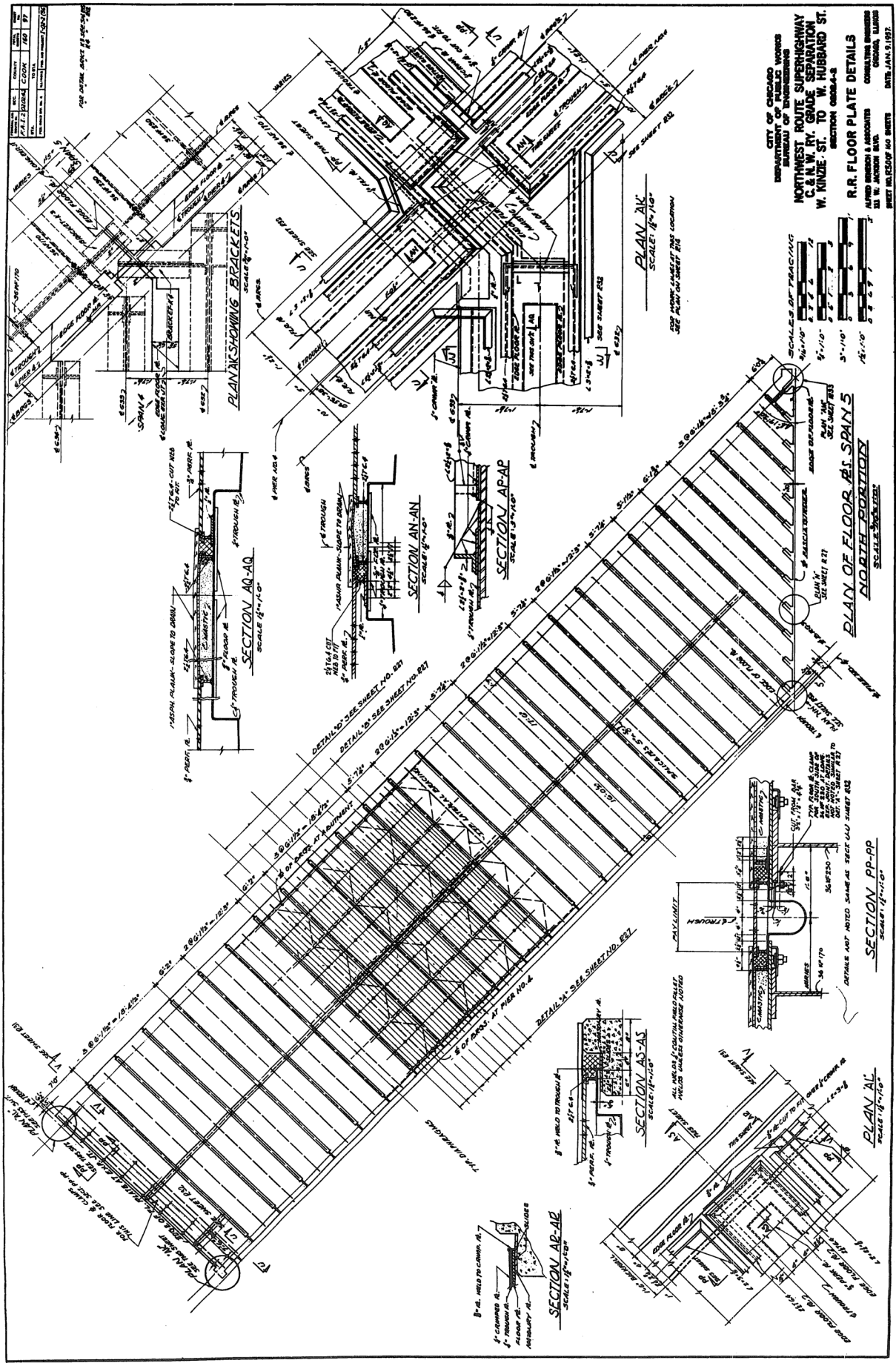


CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION ONE-A-2
R.R. FLOOR PLATE DETAILS
ALFRED BROSCH & ASSOCIATES
CONSULTING ENGINEERS
111 N. JACKSON BLVD.
CHICAGO, ILLINOIS
DATE JAN. 9, 1937.
SHEET FLOOR PLATE AND SHEETS



NOTE: ALL FLOOR PLATES TO BE 5" THICK UNLESS OTHERWISE SPECIFIED.
ALL FLOOR PLATES ARE LOCATED TO THE RIGHT OF THE TRACKS.





CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. R. G. S. SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION C&N-S
R.R. FLOOR PLATE DETAILS
ALFRED BRONKHORST & ASSOCIATES
131 W. JACKSON BLVD.
CHICAGO, ILLINOIS
SHEET NO. 25049 NO. 25050
DATE: JAN. 5, 1957

PLAN AK
SCALE: 1/8" = 1'-0"
SEE SHEET NO. 25049
SEE SHEET NO. 25050
SECTION AN-AQ
SCALE: 1/2" = 1'-0"
SECTION AP-AP
SCALE: 1/2" = 1'-0"
SECTION AS-AS
SCALE: 1/2" = 1'-0"
SECTION PP-PP
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"

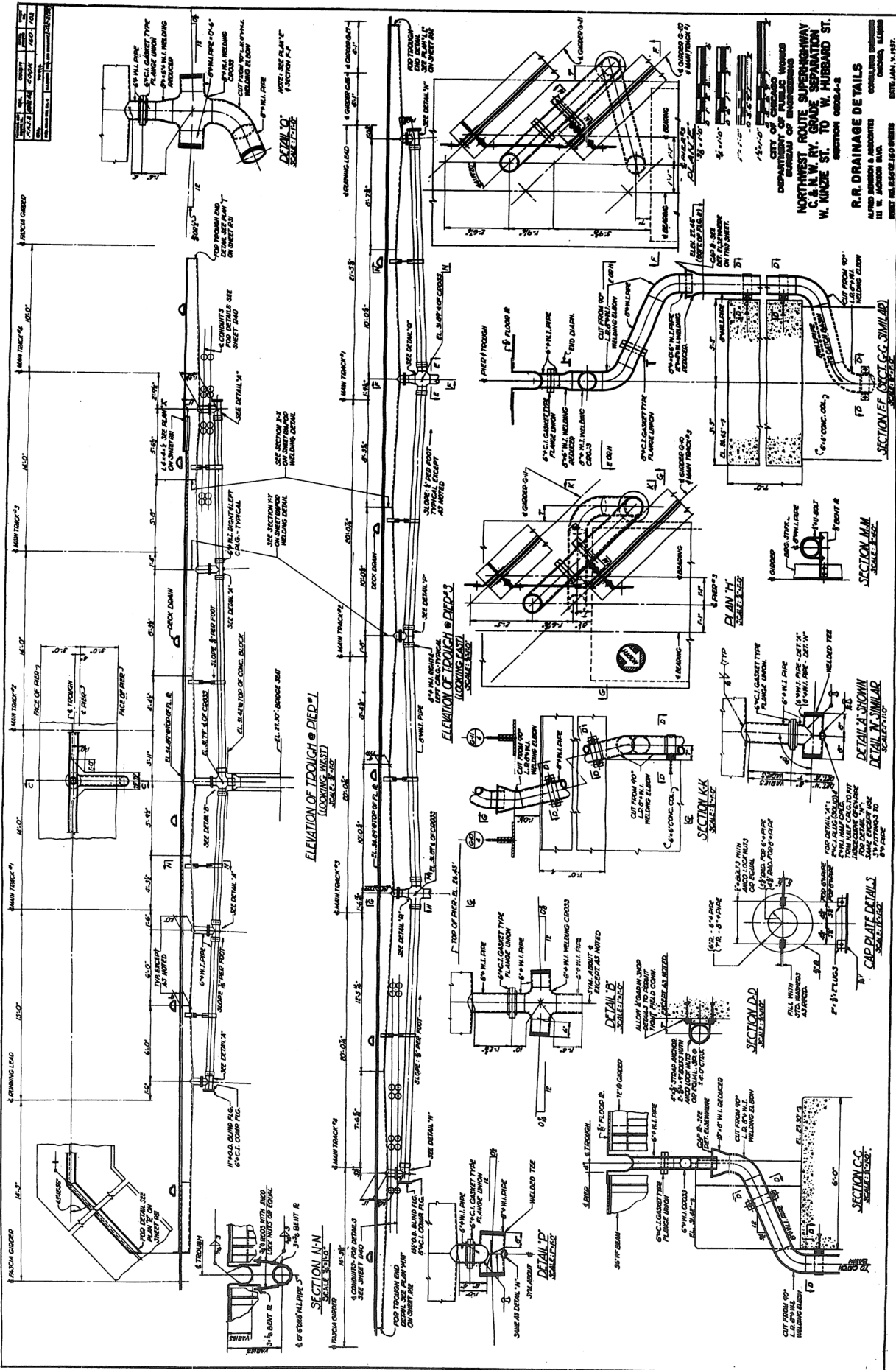
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SCALE: 1/8" = 1'-0"
SECTION PP-PP
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"

PLAN AL
SCALE: 1/8" = 1'-0"
SECTION PP-PP
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"
DETAIL OF FLOOR PLATE
SCALE: 1/2" = 1'-0"



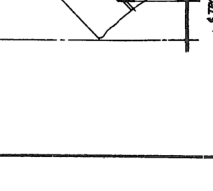
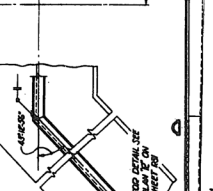
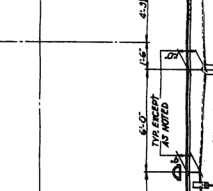
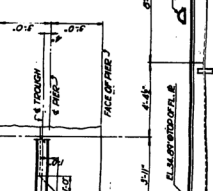
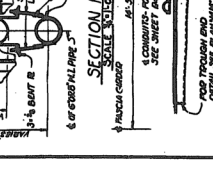
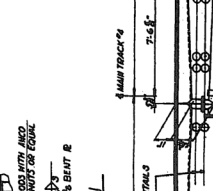
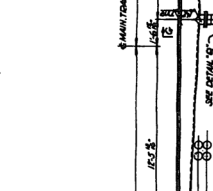
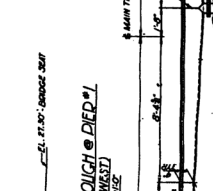
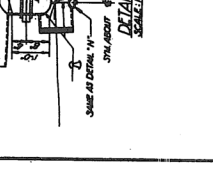
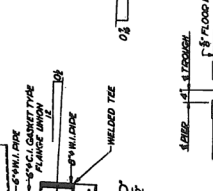
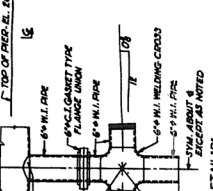
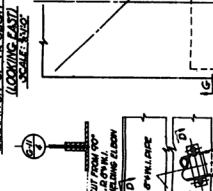
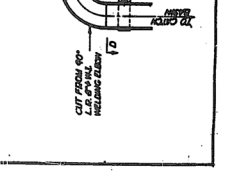
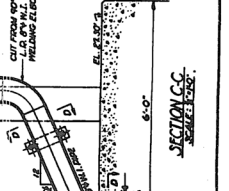
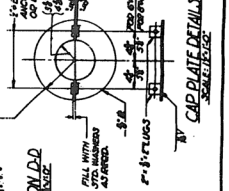
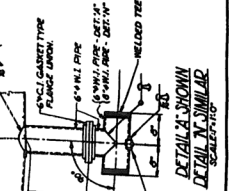

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 1-8-072M

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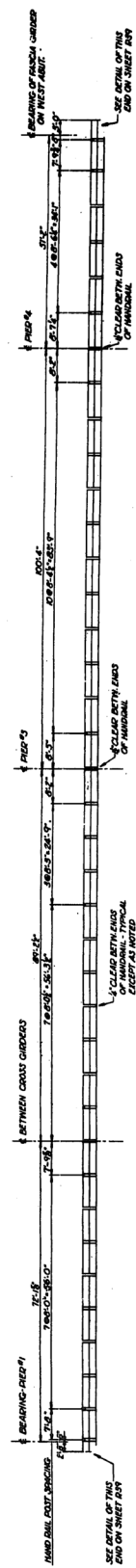


R.R. DRAINAGE DETAILS
NORTHWEST ROUTE SUPER-HIGHWAY
C & N. W. GRADE SEPARATION
W. HUBBARD ST.
SECTION C&N-1
SCALE 1/4\"/>

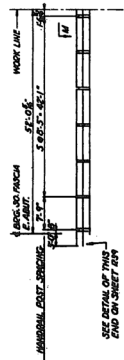
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERS
CHICAGO, ILL.
DATE: JAN. 1, 1937.



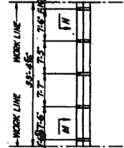
NO.	DESCRIPTION	DATE	BY	CHECKED	APPROVED
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2	REVISED	1937	W. J. JACOBSON	W. J. JACOBSON	W. J. JACOBSON
3	REVISED	1937	W. J. JACOBSON	W. J. JACOBSON	W. J. JACOBSON
4	REVISED	1937	W. J. JACOBSON	W. J. JACOBSON	W. J. JACOBSON
5	REVISED	1937	W. J. JACOBSON	W. J. JACOBSON	W. J. JACOBSON



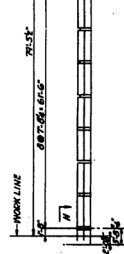
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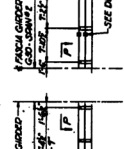
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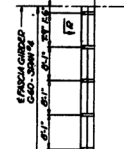
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SCALE 1/8\"/>



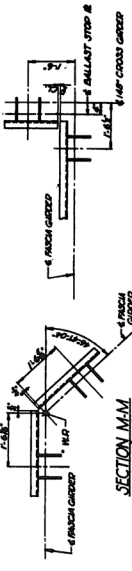
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SCALE 1/8\"/>



ELEVATION E-E
SCALE 1/8\"/>



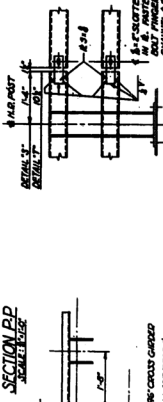
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SCALE 1/8\"/>



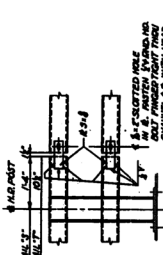
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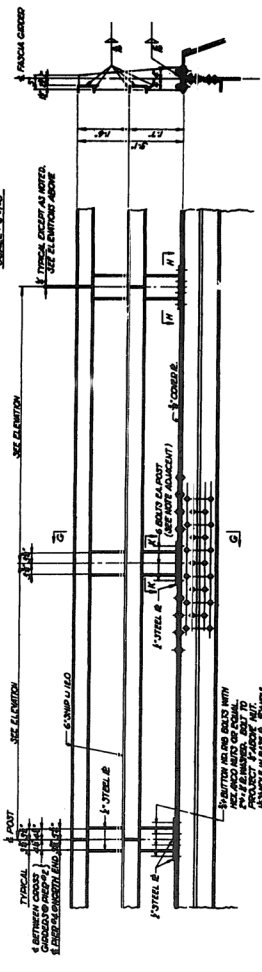
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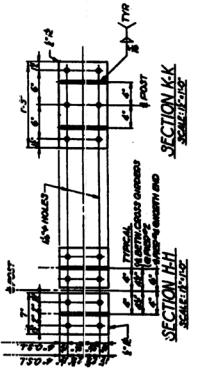
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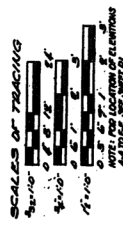
SECTION Q-Q
SCALE 1/8\"/>



ELEVATION HANDRAIL-TYPICAL PANEL
SCALE 1/8\"/>

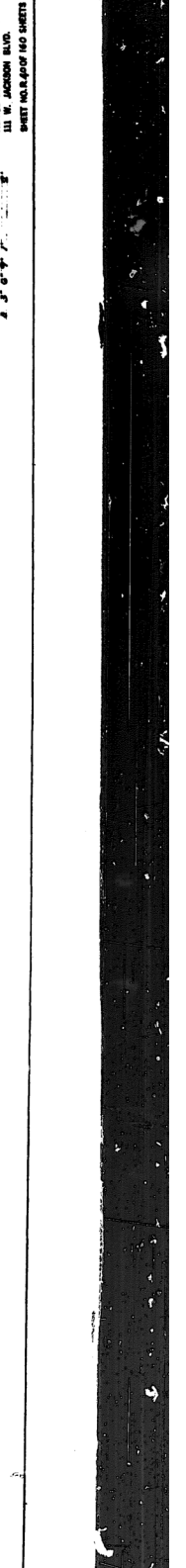
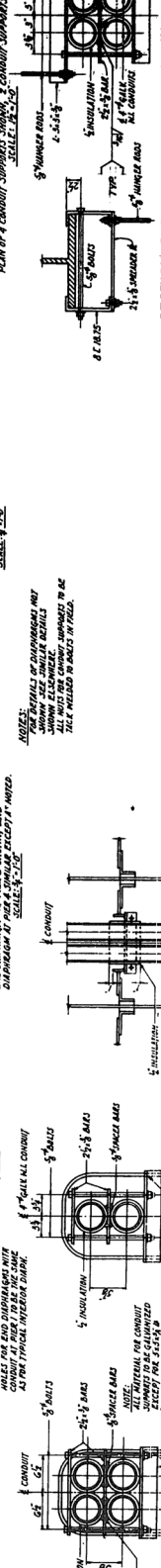
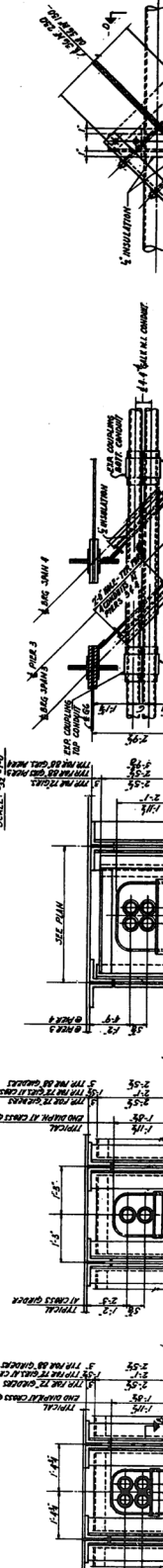
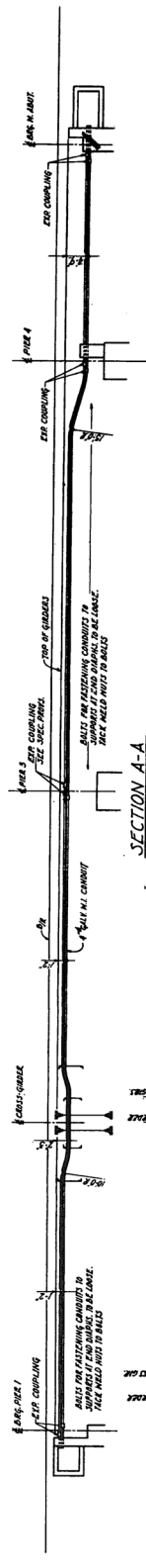
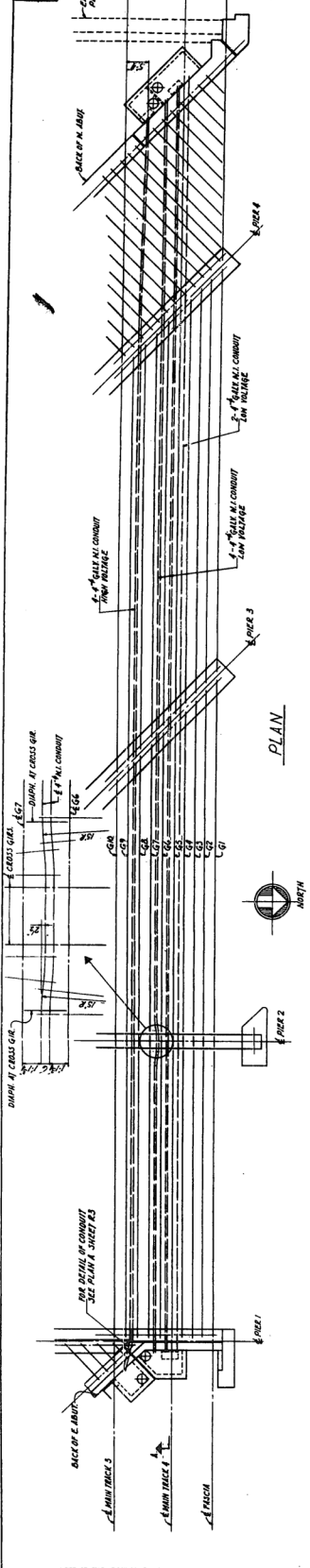


SECTION R-R
SCALE 1/8\"/>



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C.A.N.W. RY. GRADE SEPARATION
W. KINZE ST. TO W. HUBBARD ST.
SECTION C-100-A-3
R.R. HANDRAIL DETAILS
ALFRED HENSON & ASSOCIATES
CONSULTING ENGINEERS
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS
SHEET NO. C-100-A-3-100
DATE: JAN. 5, 1937.

PROJECT NO.	107	CONTRACT NO.	107
DATE	1937	CDR	107
BY	107	CDR	107
BY	107	CDR	107



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
NORTHWEST ROUTE SUPERHIGHWAY
CLAN W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0205-1-3
R. R. CONDUIT DETAILS
ALFRED BARNES & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILL.
DATE JAN 9 - 1937

SCALES OF TRACING

1/4" = 1'-0"	1/2" = 1'-0"	3/4" = 1'-0"	1" = 1'-0"
1 1/4" = 1'-0"	1 1/2" = 1'-0"	1 3/4" = 1'-0"	2" = 1'-0"

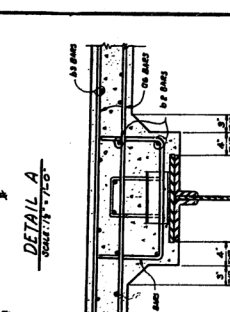
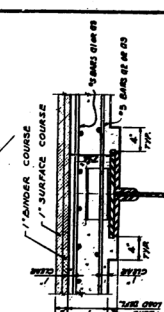
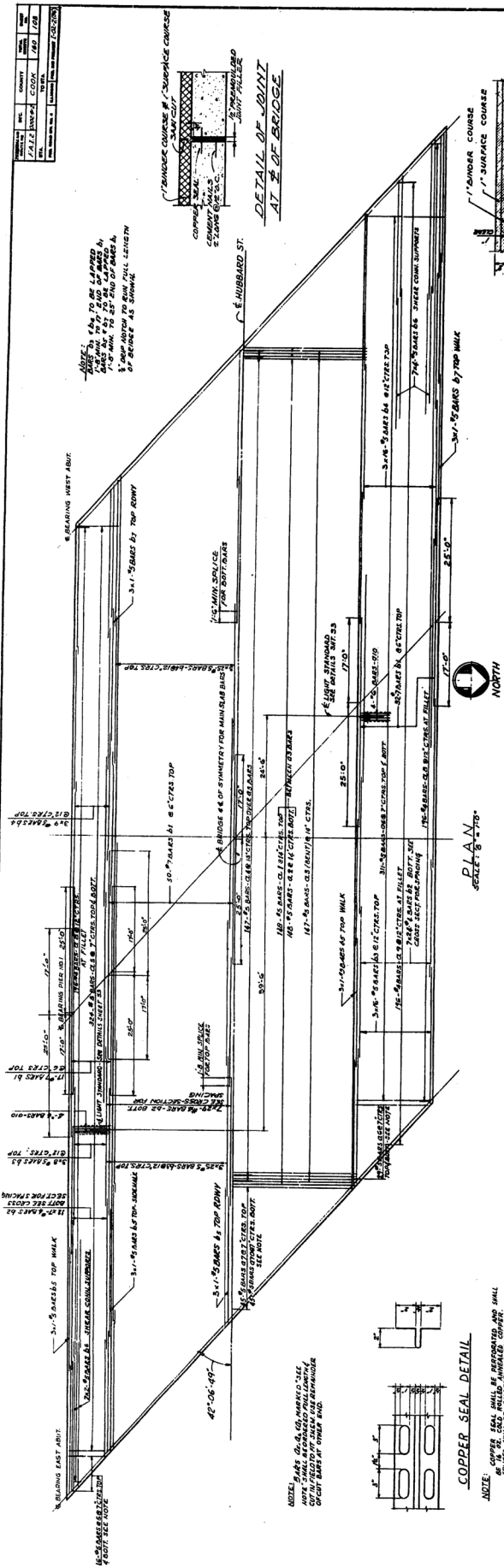
NOTES:
1. DETAILS OF CONDUITS NOT SHOWN ARE SIMILAR DETAILS.
2. ALL MATERIAL FOR CONDUIT SUPPORTS TO BE FIELD WELDED IN PLACE IN FIELD.

END DIAPHRAGM AT PIERS 3 & 4 WITH CONDUITS
END DIAPHRAGM AT PIER 3 WITH CONDUITS
END DIAPHRAGM AT PIER 4 WITH CONDUITS

TYP. INTERIOR DIAPHRAGM AT 2 CONDUITS
TYP. INTERIOR DIAPHRAGM AT 4 CONDUITS

TYP. DETAIL AT 2 CONDUITS
TYP. DETAIL AT 4 CONDUITS

PERSONAL INFO	NETC	COUNTRY	NETC INVESTS	ENIGHT NO.
J.A.T.2	3302-2	COOK	160	108

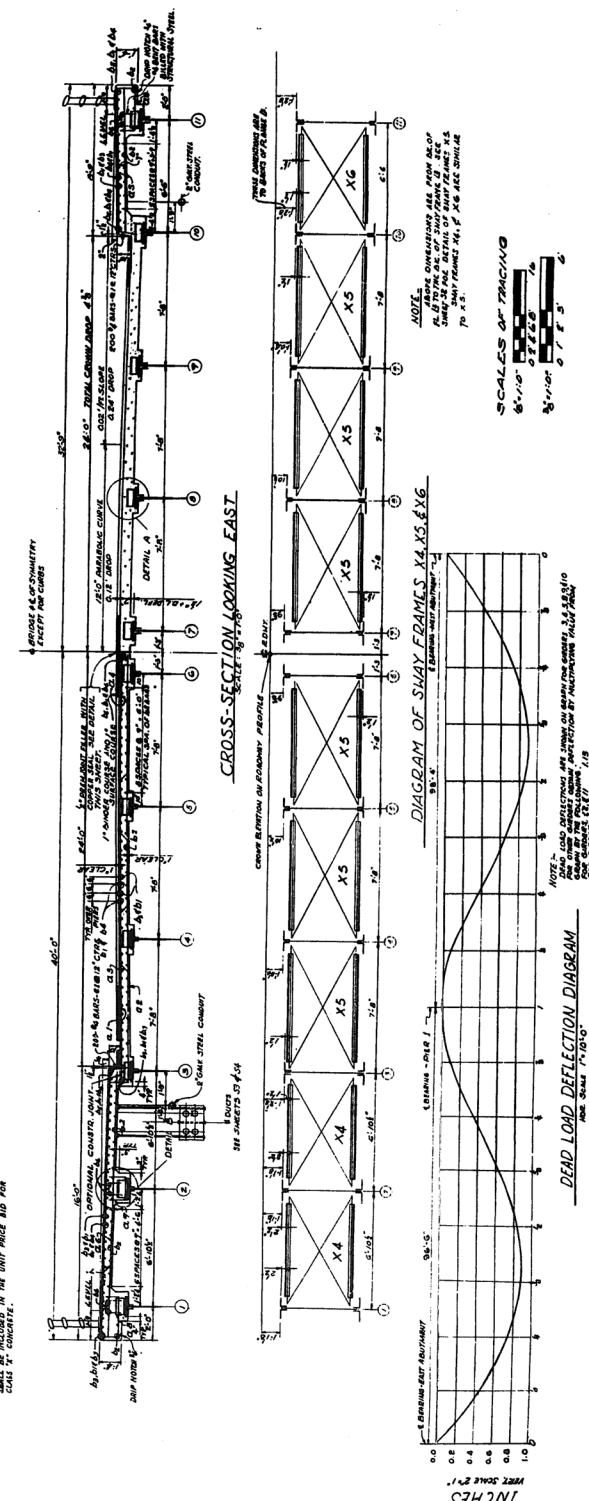


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200000	10/1	2078	21000	18
300000	10/1	2078	21000	18
400000	10/1	2078	21000	18
500000	10/1	2078	21000	18
600000	10/1	2078	21000	18
700000	10/1	2078	21000	18
800000	10/1	2078	21000	18
900000	10/1	2078	21000	18
1000000	10/1	2078	21000	18

BUREAU OF ENGINEERS
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.

HUBBARD. ST. BRIDGE
DECK REINFORCEMENT PLAN
LUFED RESEARCH & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILL. 60604

JAN 9-1987



DEAD LOAD DEFLECTION DIAGRAM

NO. 300 170/010

ORDERED BY THE FOLLOWING:

FOR GUESTS 12, 11	1.13
FOR GUESTS 1, 7	0.92

111 W. JACKSON

IN BLVD. DISCLOSURE

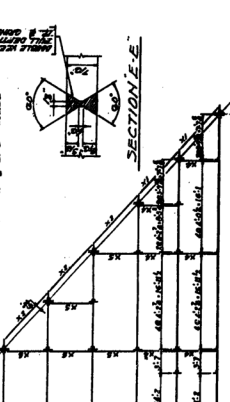
NO.	DATE	REVISION	BY	CHKD.	APP.
1	10/22/24	1	W. J. H. M.		
2	10/22/24	2	W. J. H. M.		

GIRDER ELEVATIONS & SHIM THICKNESSES

ALL ELEVATIONS ARE GIVEN TO THE BASE OF TOP FLANGE ANGLES.

NO.	DATE	REVISION	BY	CHKD.	APP.
1	10/22/24	1	W. J. H. M.		
2	10/22/24	2	W. J. H. M.		

SECTION E-E



SECTION F-F



SECTION G-G



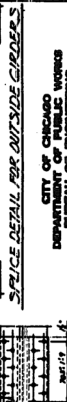
SECTION H-H



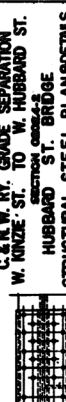
SECTION I-I



SECTION J-J



SECTION K-K



SECTION L-L



SECTION M-M



SECTION N-N



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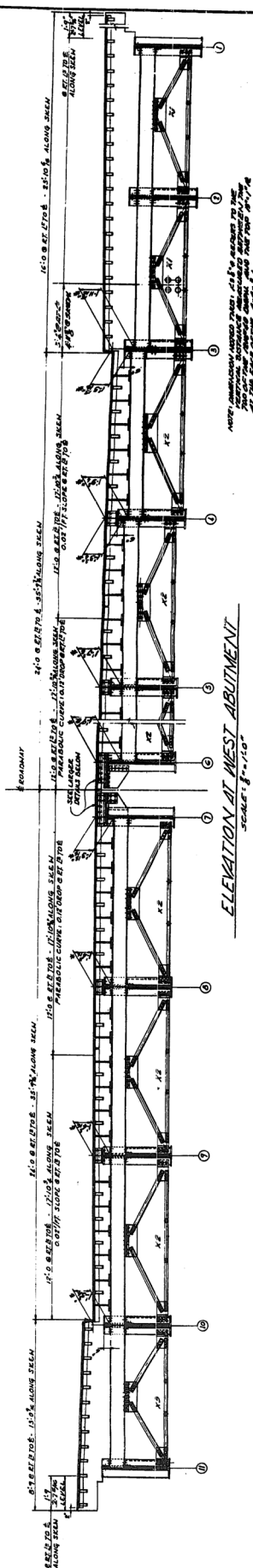
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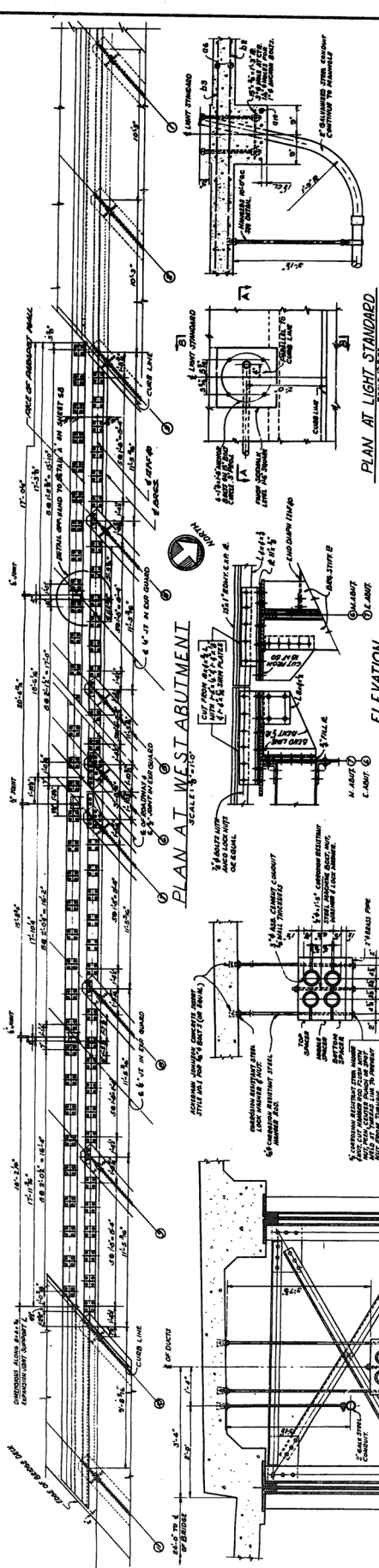
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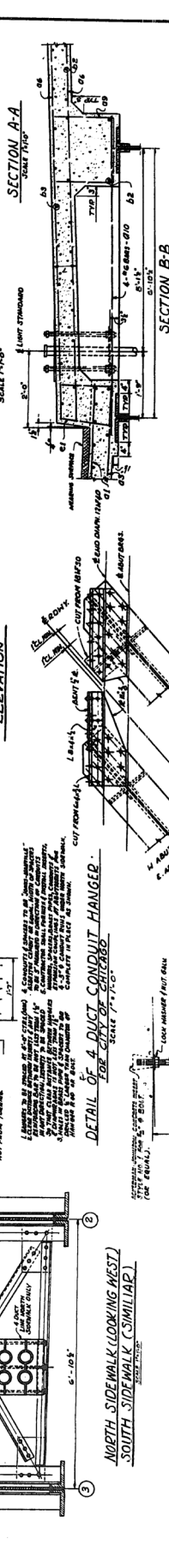
STATION AND ROUTE NO.	SEC.	EQUITY	TOTAL SHARES	BUY AND
FAIR	0322-65	COOK	160	110



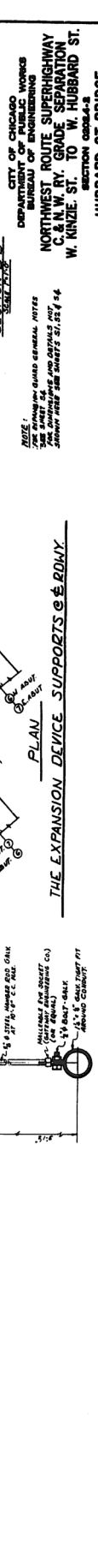
ELEVATION AT WEST ABOUTMENT



PLAN AT WEST ABUTMENT



SECRET



THE EXPANSION DEVICE SUPPORTS C&P ROWY.



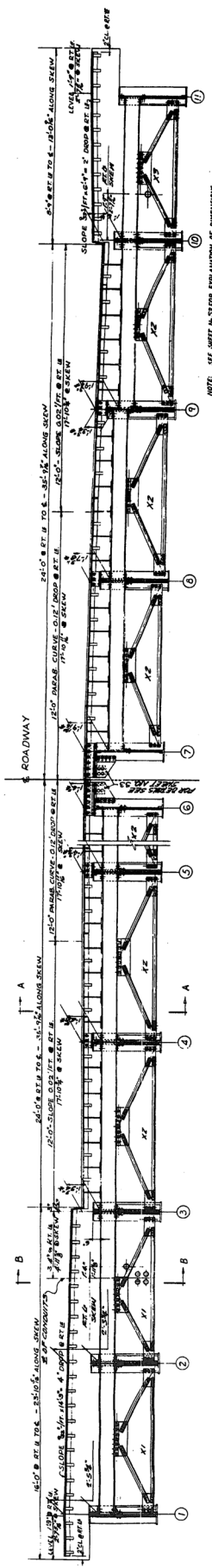
DETAIL OF 2" CONDUIT HANGER

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 0324.4-8
HUBBARD ST. BRIDGE
STRUCTURAL STEEL DETAILS
ALFRED JACKSON & ASSOCIATES
131 W. JACKSON BLVD.
CHICAGO, ILLINOIS
DATE JAN 9, 1937
SHEET NO. 25 OF 40 SHEETS

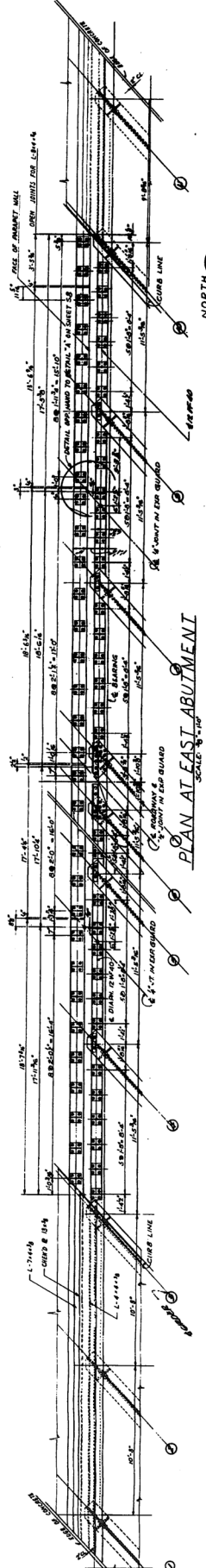
NOTE :
FOR DIMENSION GUARD GENERAL NOTES
SEE SHEET 54
FOR DIMENSION AND DETAILS NOT
SHOWN HERE SEE SHEETS 51, 52 & 54

SCALE OF TRACING
5:10
0' 3" 5"

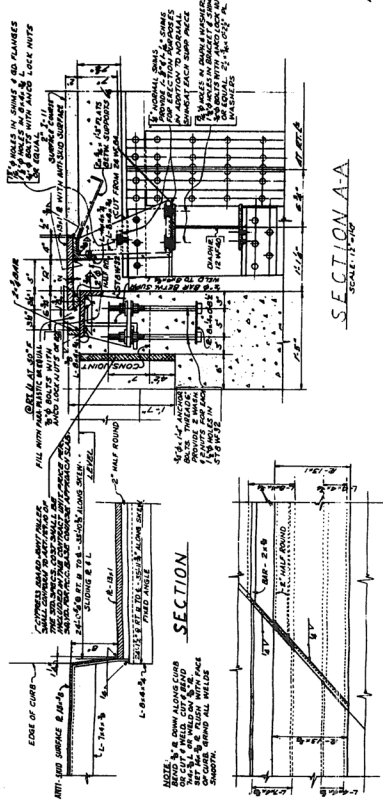
DESIGNED BY	CHAS. E. COOK	CHECKED BY	W. H. HARRIS
DRAWN BY	W. H. HARRIS	APPROVED BY	W. H. HARRIS
DATE	1912	PROJECT NO.	111



ELEVATION A-FAST ABUTMENT
SCALE: 1/2" = 1'-0"

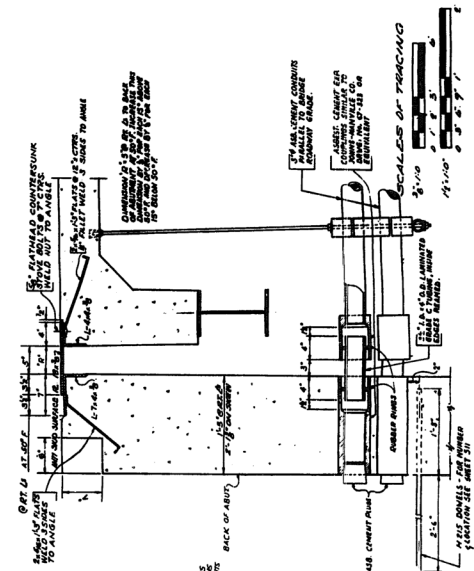


PLAN A-FAST ABUTMENT
SCALE: 1/2" = 1'-0"



PLAN

CURB DETAILS
SCALE: 1/2" = 1'-0"

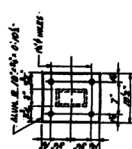
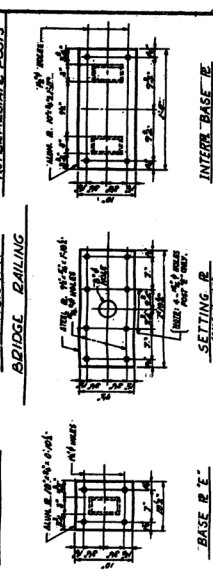
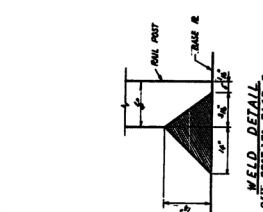
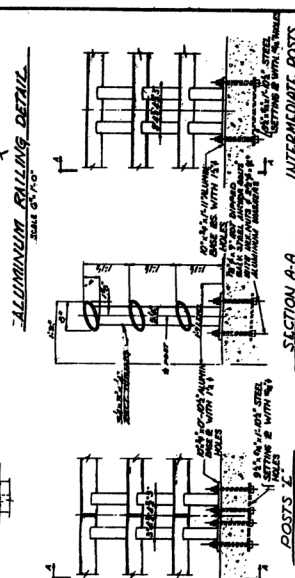
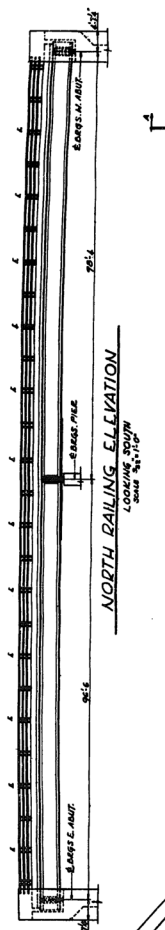
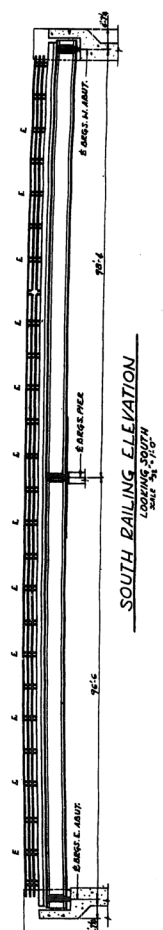
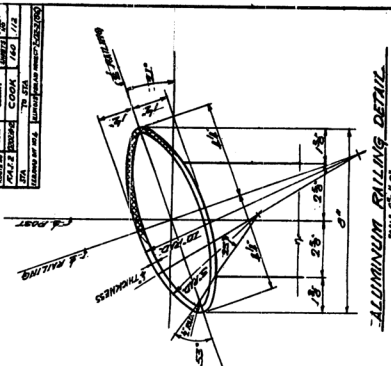


SECTION B-B
SCALE: 1/2" = 1'-0"

NOTES FOR EXPANSION GUARDS.

EXPANSION GUARDS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE. GUARDS SHALL BE 12" HIGH AND 12" WIDE. GUARDS SHALL BE SET IN 6" OF 1:2:4 GRAVEL. GUARDS SHALL BE SET IN 6" OF 1:2:4 GRAVEL. GUARDS SHALL BE SET IN 6" OF 1:2:4 GRAVEL. GUARDS SHALL BE SET IN 6" OF 1:2:4 GRAVEL.

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C.A.N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION CROSS-A-B
HUBBARD ST. BRIDGE
STRUCTURAL STEEL DETAILS
ALFRED MENARD & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
SHEET NO. 10.6 OF 140 SHEETS
DATE: JAN. 10, 1917

[illegible]

NOTES

ALL SHALL BE FABRICATED AND ERRECTED TO CONFORM TO VERTICAL CURVE OF ROADWAY.
ALL POSTS SHALL BE TRULY VERTICAL.
ALL EDGES AT THE ENDS OF EACH RAILING UNIT SHALL BE SMOOTHLY ROUNDED.

SHIM PLATES FOR RAIL POSTS

SPACES ALUMINUM SHIMS CONSISTING OF ONE 9" SHIM AND 2-1/2" SHIMS. AT 50% OF WILPOSTS FOR VERTICAL ADJUSTMENT OF POSTS. SIZE OF SHIMS AND SIZE AND SPACING OF HOLES SHALL BE SAME AS FOR BASE PLATES OF POSTS.

SPECIFICATIONS

[illegible]

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

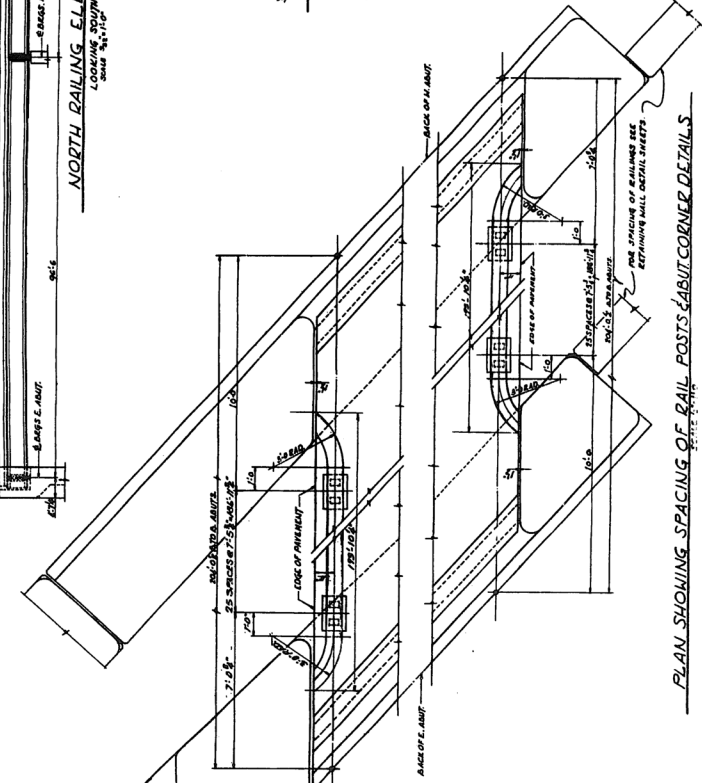
NORTHWEST ROUTE SUPERHIGHWAY
C & N W RY. GRADE SEPARATION
W. KUNZE ST. TO W. HUBBARD ST.
SECTION 0802A-3

HUBBARD ST. BRIDGE
PLAN & ELEVATION OF RAILINGS
CONSULTING ENGINEER
CHICAGO, ILLINOIS

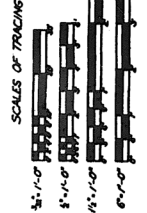
DATE: JAN. 9, 1957

151 W. JACKSON BLVD.
SHEET 151-B-5 OF 50 SHEETS

SHEET NO. 93 OF 160 SHEETS DATE JAN 9 - 1957

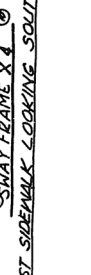
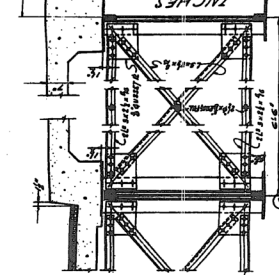
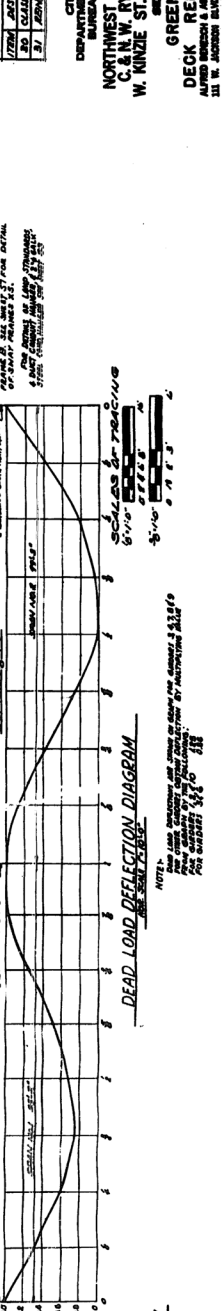
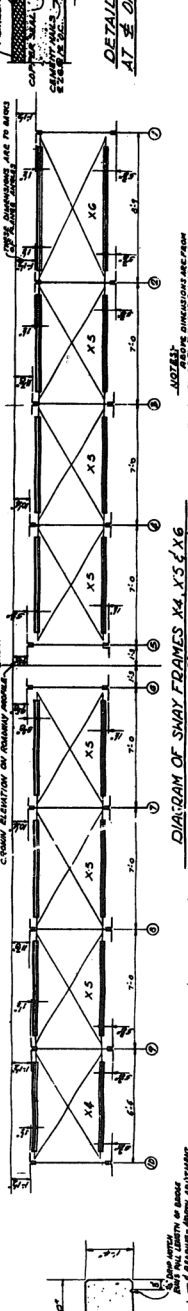
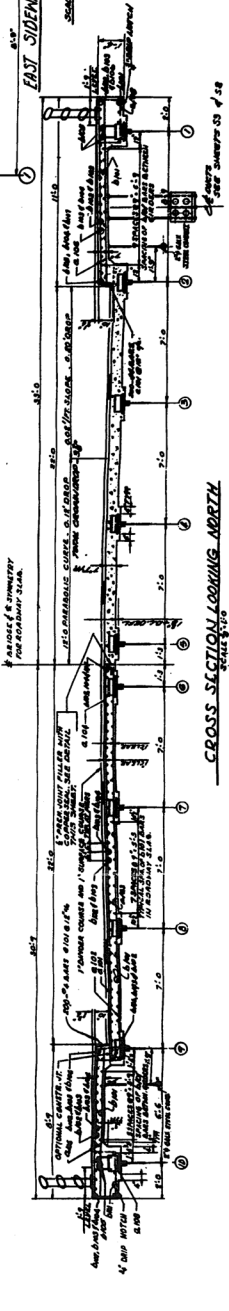
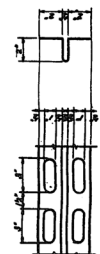
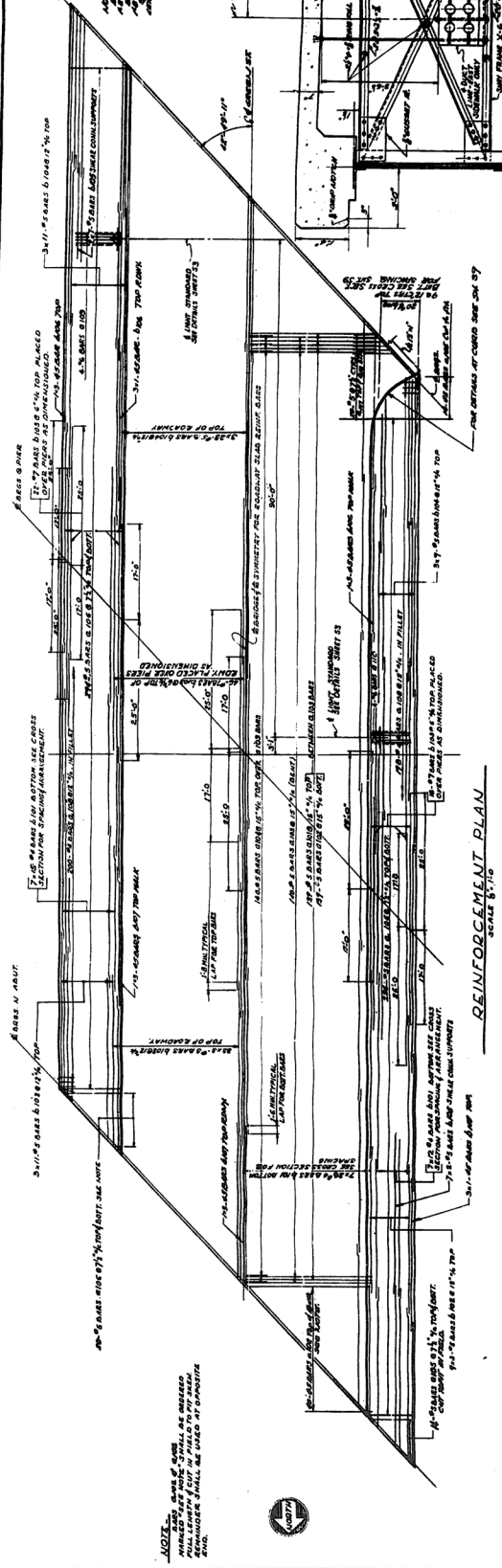


PLAN SHOWING SPACING OF RAIL POSTS & BUT CORNER DETAILS



SCALES OF TRACING

ITEM	DESCRIPTION	QUANTITY	UNIT
1	REINFORCEMENT	160	100
2	CONCRETE	160	100
3	STEEL	160	100
4	BRICK	160	100
5	PAVING	160	100
6	GRASS	160	100
7	LANDSCAPING	160	100
8	UTILITIES	160	100
9	STRUCTURE	160	100
10	DETAILS	160	100



CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

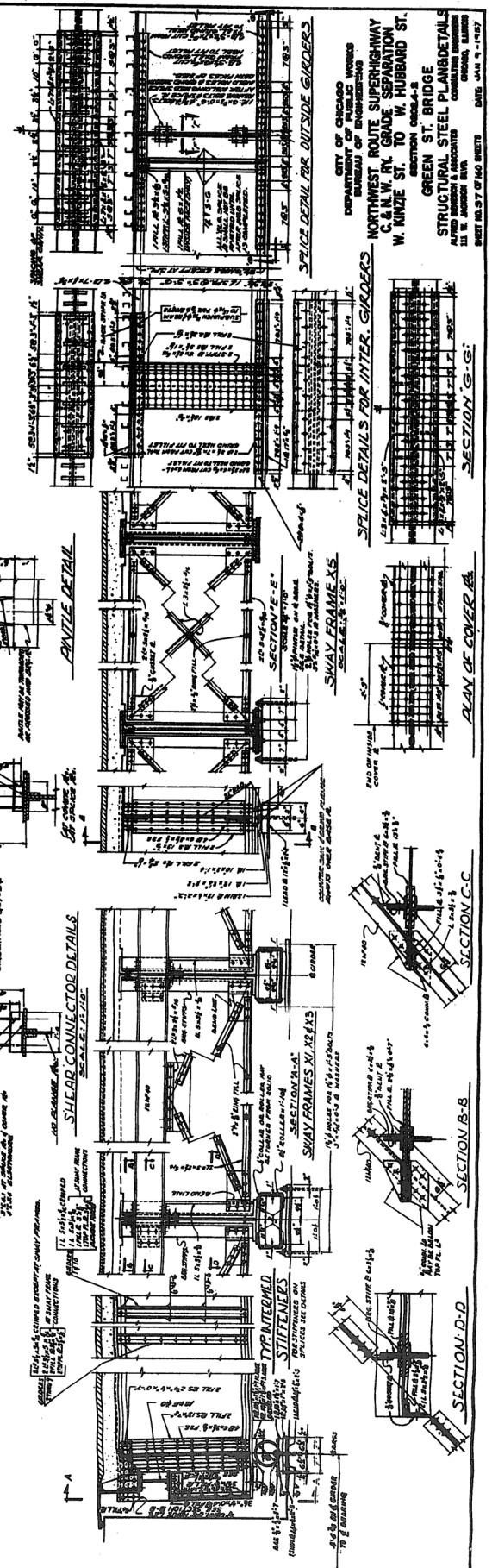
NORTHWEST ROUTE SUPERHIGHWAY
C & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.

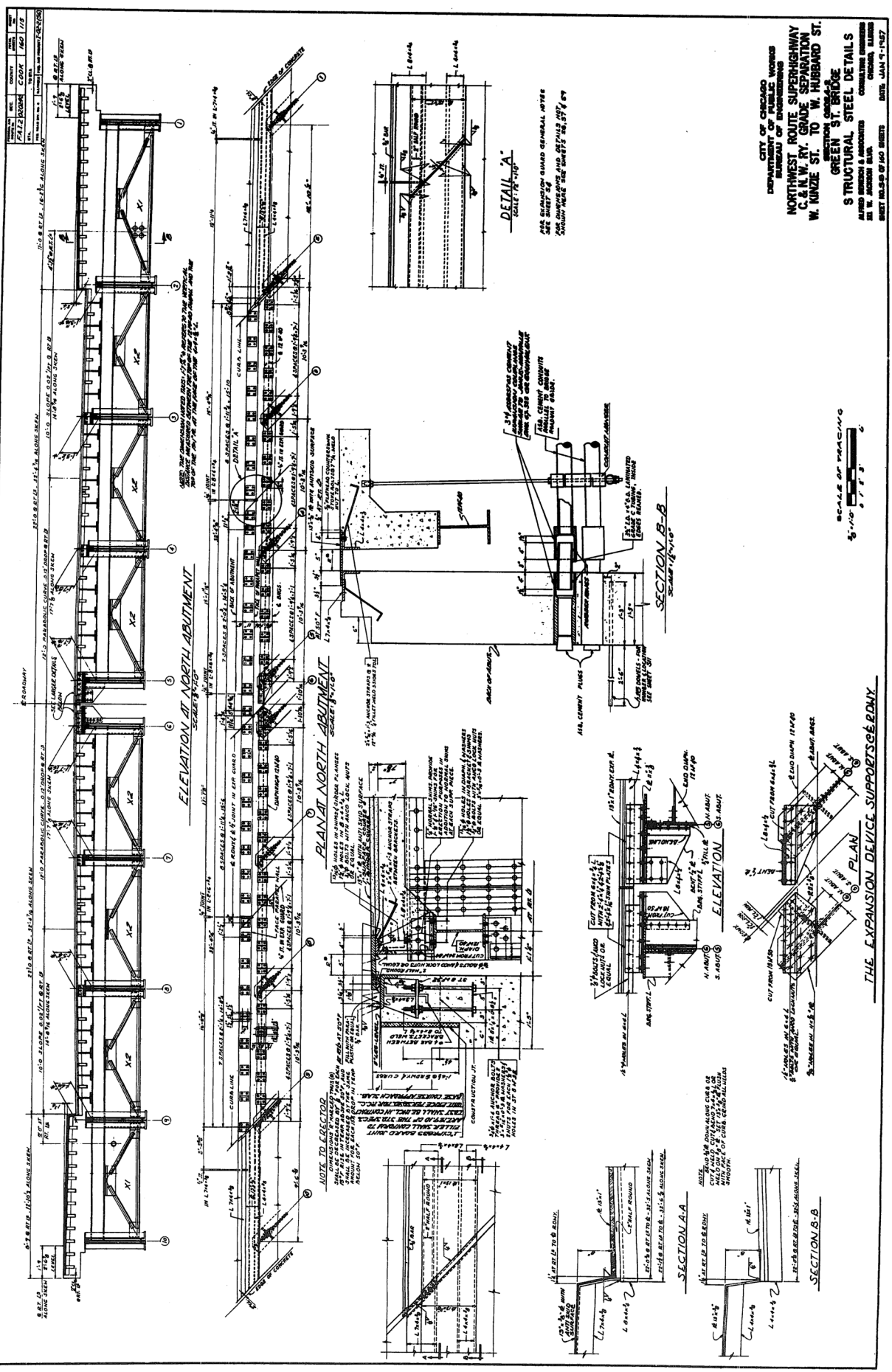
SECTION CROSS-SECTION
GREEN ST. BRIDGE
DECK REINFORCEMENT PLAN

ALFRED BROWN & ASSOCIATES
CONSULTING ENGINEERS
311 W. JACKSON ST.
CHICAGO, ILLINOIS

DATE: JAN. 1, 1937
SHEET NO. 60 OF 140 SHEETS

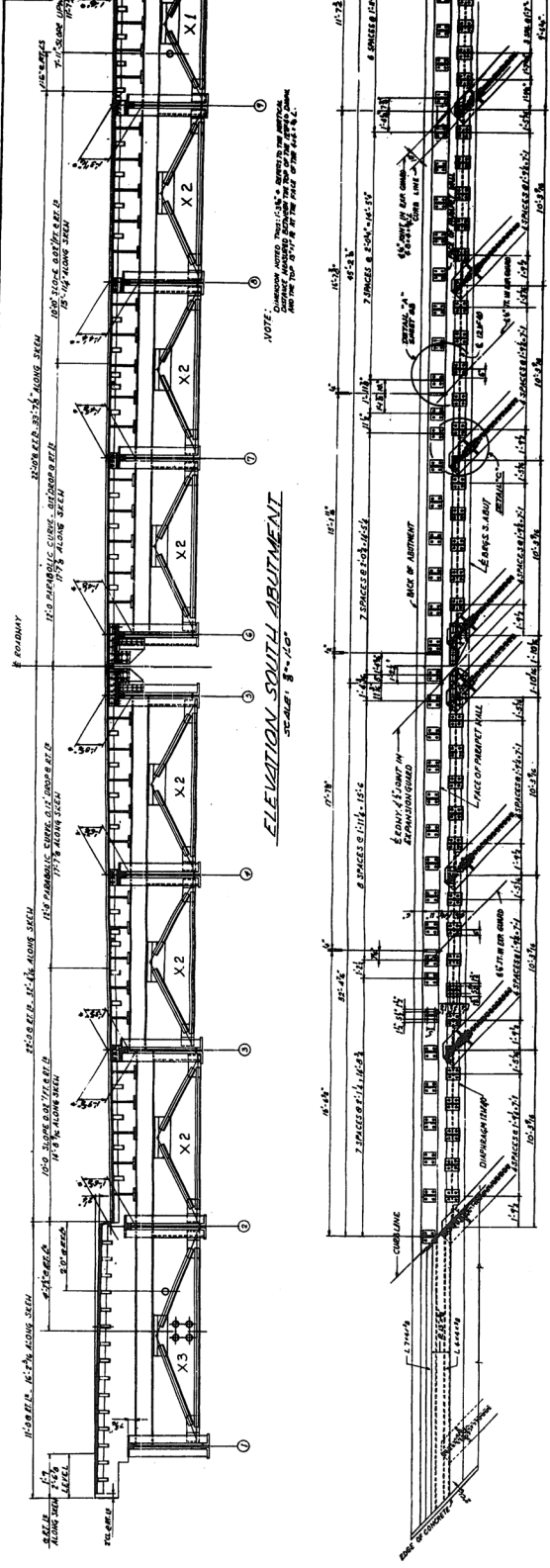
	1	2	3	4	5	6	7	8	9	10
1. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
2. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
3. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
4. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
5. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
6. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
7. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
8. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
9. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010
10. Δ (mm)	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010



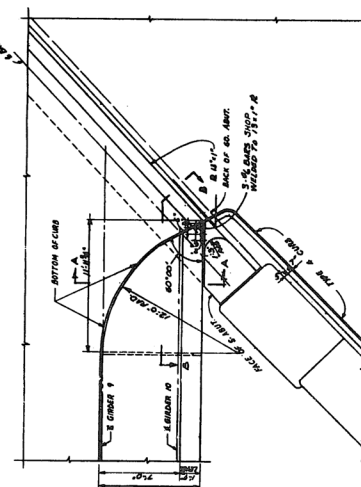


CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
GREEN ST. BRIDGE
STRUCTURAL STEEL DETAILS
ALFRED BRONKHORST & ASSOCIATES
CONSULTING ENGINEERS
301 W. JACKSON BLVD.
CHICAGO, ILLINOIS
SHEET NO. 10-3 OF 10-3 SHEETS DATE: JAN 9 - 1937

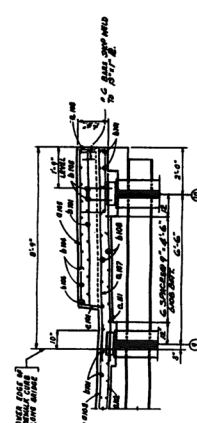
NO.	DESCRIPTION	QTY.	UNIT	PRICE	TOTAL
1	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
2	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
3	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
4	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
5	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
6	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
7	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
8	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
9	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00
10	STEEL PLATE GIRDER, 18" DEEP, 45 LB. PER LF.	100	LF.	1.20	120.00



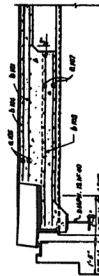
PLAN AT SOUTH ABUTMENT
SCALE 1/4" = 1'-0"



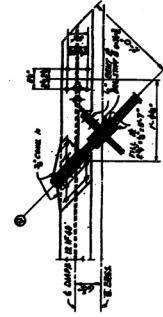
PLAN OF SIDEWALK S.W. CORNER
SCALE 1/4" = 1'-0"



SECTION A-A
SCALE 1/4" = 1'-0"



SECTION B-B
SCALE 1/4" = 1'-0"

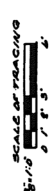


DETAIL C
SCALE 1/4" = 1'-0"

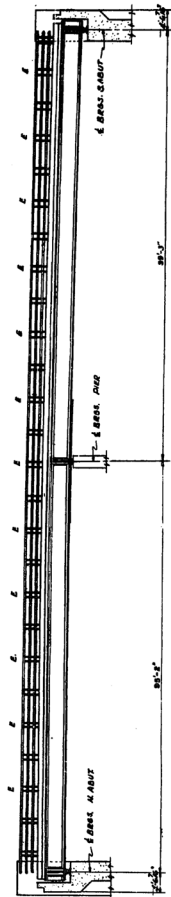
FOR ESTIMATION GUARD GENERAL NOTES
FOR DIMENSIONS AND DETAILS NOT SHOWN
HERE SEE SHEETS 56, 57 & 58

ESTIMATED WEIGHT FOR 2 COMPLETE
BRIDGES INCLUDING SIDEWALK GUARDS
FOR GREEN STREET BRIDGE-81,100

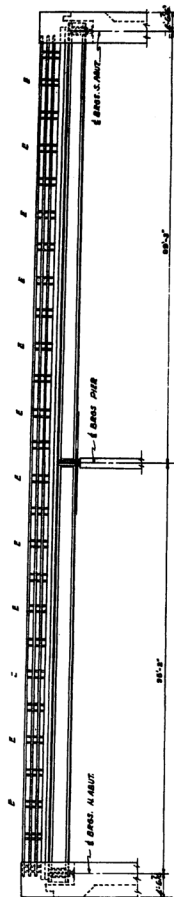
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 02-44-1
GREEN ST. BRIDGE.
STRUCTURAL STEEL DETAILS
APPROVED FOR THE CITY OF CHICAGO
BY THE BOARD OF ENGINEERS
JAN. 9, 1932



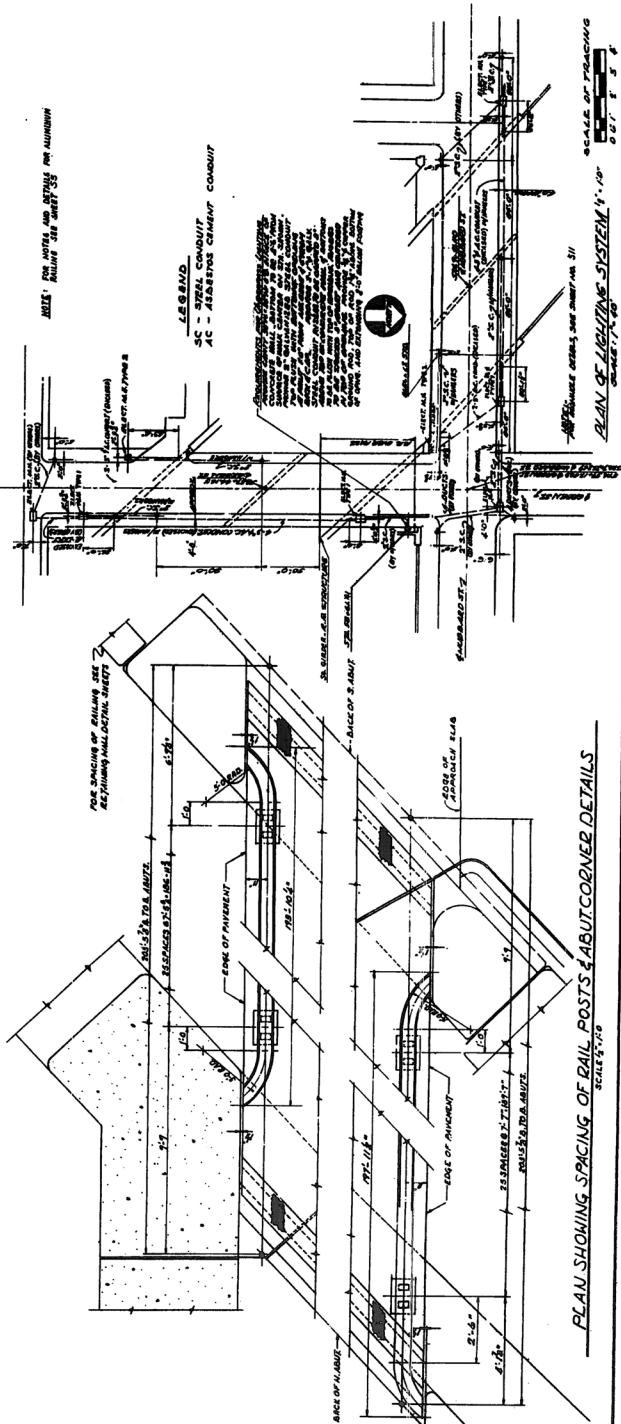
DESIGNED BY	CHAS. E. COOK	CHECKED BY	W. H. HARRIS
DRAWN BY	W. H. HARRIS	DATE	JAN. 1, 1927
PROJECT NO.	100-100	SHEET NO.	100-100



EAST RAILING ELEVATION
LOOKING EAST



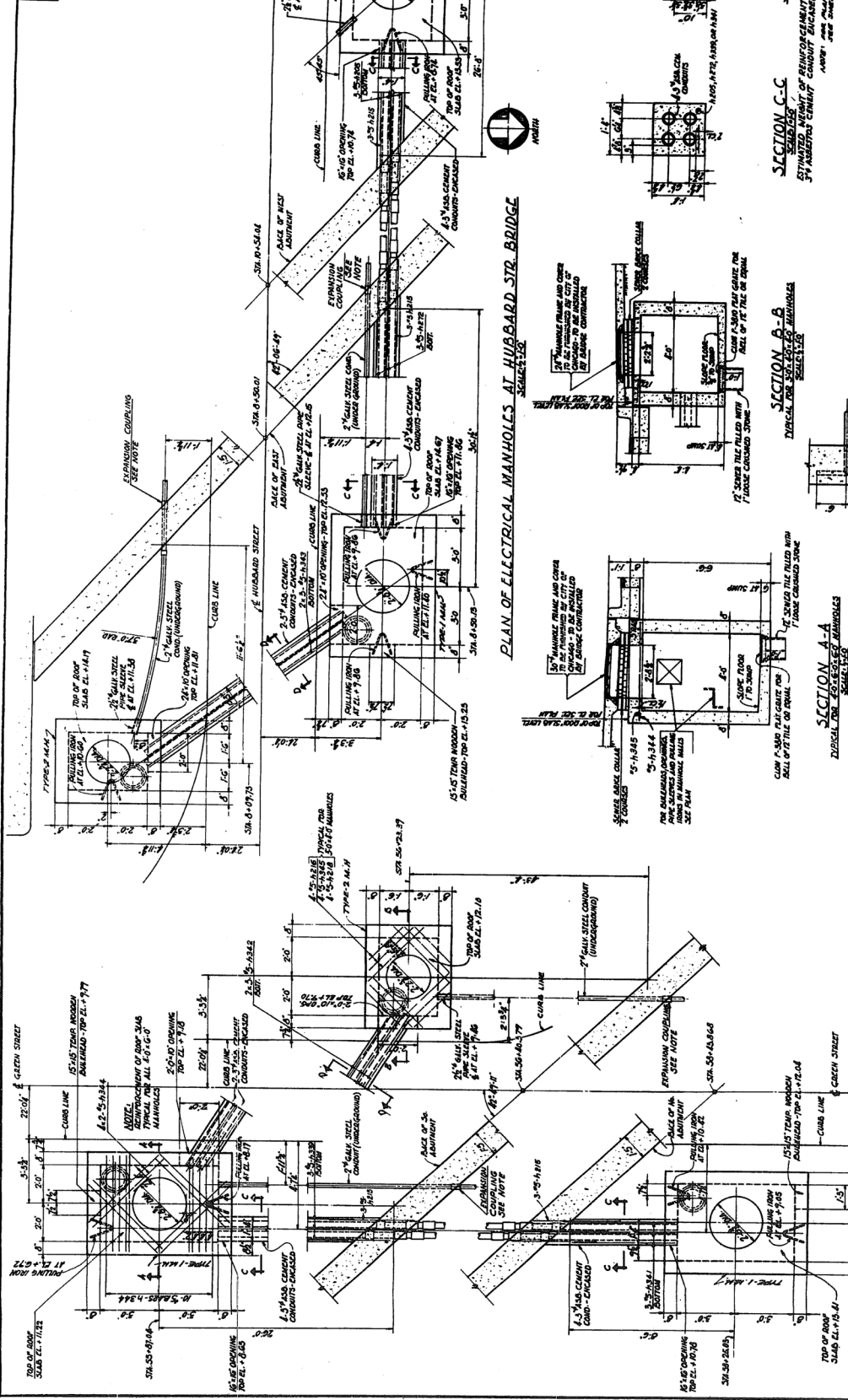
WEST RAILING ELEVATION
LOOKING EAST



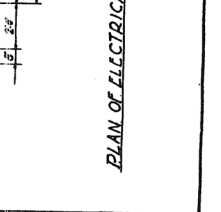
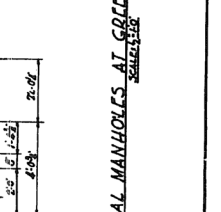
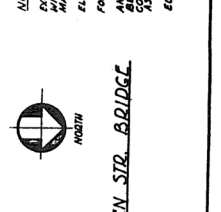
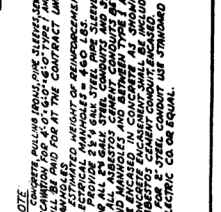
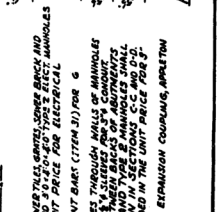
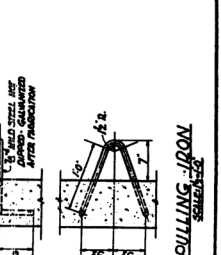
PLAN SHOWING SPACING OF RAIL POSTS & ABUT CORNER DETAILS
SCALE 1/4" = 1'-0"

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 00004-2
GREEN ST. BRIDGE
PLAN & ELEVATION OF RAILINGS
APPROVED BY BOARD OF ALDERMEN
JAN. 1, 1927
SHEET 100-100/100 SHEETS

DATE	NO.	BY	CHECKED	DATE	NO.	BY	CHECKED
10/1/58	1000	W.A.	W.A.	10/1/58	1000	W.A.	W.A.
10/1/58	1000	W.A.	W.A.	10/1/58	1000	W.A.	W.A.



NOTE
 REINFORCEMENT SHALL BE 4" GAL. STEEL PILE SLEEVES THROUGH WALLS OF MANHOLES FOR ALL MANHOLES. STEEL COUPLERS AND 2" GAL. STEEL PILE SLEEVES SHALL BE PROVIDED FOR ALL MANHOLES. REINFORCEMENT SHALL BE 4" GAL. STEEL PILE SLEEVES THROUGH WALLS OF MANHOLES FOR ALL MANHOLES. STEEL COUPLERS AND 2" GAL. STEEL PILE SLEEVES SHALL BE PROVIDED FOR ALL MANHOLES. REINFORCEMENT SHALL BE 4" GAL. STEEL PILE SLEEVES THROUGH WALLS OF MANHOLES FOR ALL MANHOLES. STEEL COUPLERS AND 2" GAL. STEEL PILE SLEEVES SHALL BE PROVIDED FOR ALL MANHOLES.



PLAN OF ELECTRICAL MANHOLES AT GREEN STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

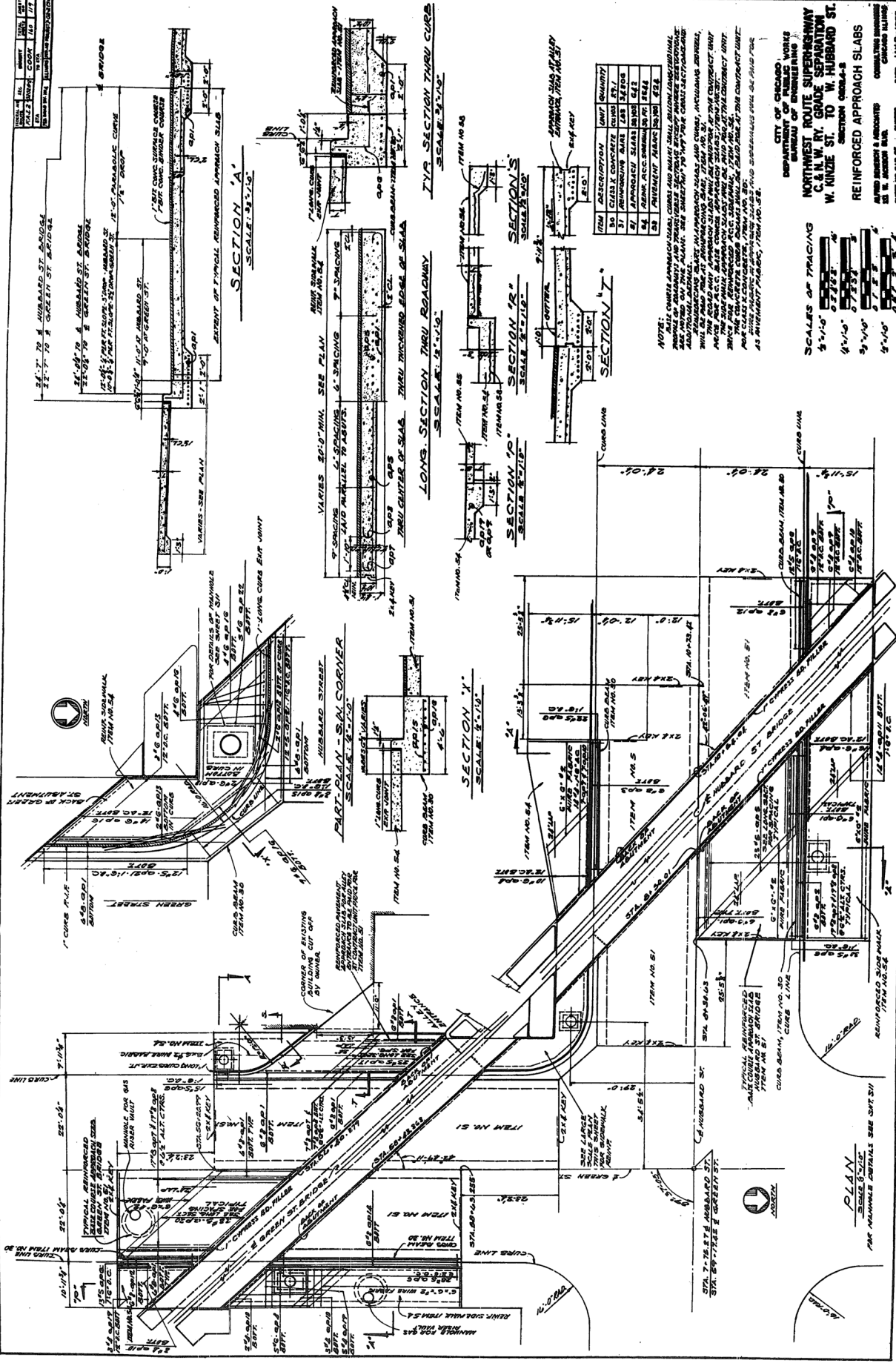
PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

PLAN OF ELECTRICAL MANHOLES AT HUBBARD STR. BRIDGE
 SCALE: 1" = 4'-0"

NO.	DESCRIPTION	QTY.	UNIT
1	CONCRETE	100	CU YD
2	REINFORCING BARS	100	LB
3	FORMWORK	100	SQ YD
4	PAVING	100	SQ YD
5	GRASS	100	SQ YD
6	LANDSCAPING	100	SQ YD
7	UTILITIES	100	SQ YD
8	STREET LIGHTS	100	SQ YD
9	TRAFFIC SIGNALS	100	SQ YD
10	STREET FURNITURE	100	SQ YD



ITEM	DESCRIPTION	UNIT	QUANTITY
1	CONCRETE	CU YD	100
2	REINFORCING BARS	LB	100
3	FORMWORK	SQ YD	100
4	PAVING	SQ YD	100
5	GRASS	SQ YD	100
6	LANDSCAPING	SQ YD	100
7	UTILITIES	SQ YD	100
8	STREET LIGHTS	SQ YD	100
9	TRAFFIC SIGNALS	SQ YD	100
10	STREET FURNITURE	SQ YD	100

NOTE: THESE APPROACH SLABS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR BRIDGE AND STRUCTURAL STEELWORK, AND THE SPECIFICATIONS FOR REINFORCED CONCRETE, AND THE SPECIFICATIONS FOR PAVING, AND THE SPECIFICATIONS FOR GRASS, AND THE SPECIFICATIONS FOR LANDSCAPING, AND THE SPECIFICATIONS FOR UTILITIES, AND THE SPECIFICATIONS FOR STREET LIGHTS, AND THE SPECIFICATIONS FOR TRAFFIC SIGNALS, AND THE SPECIFICATIONS FOR STREET FURNITURE.

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
NORTHWEST ROUTE SUPERHIGHWAY
C & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.
SECTION 000A-8
REINFORCED APPROACH SLABS
APPROX. 100' LONG
CHICAGO ILLINOIS
JAN 19-1927

PLAN
SCALE: 1/4" = 1'-0"

**CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING**

**NORTHWEST ROUTE SUPERHIGHWAY
C. & N. W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.**

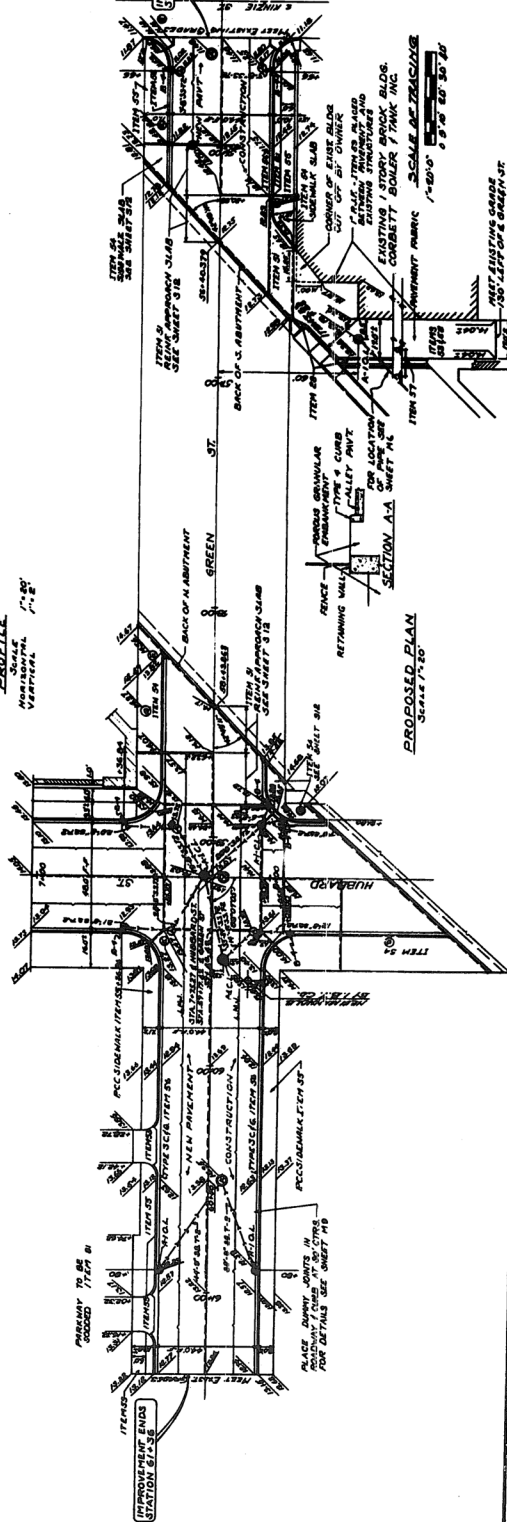
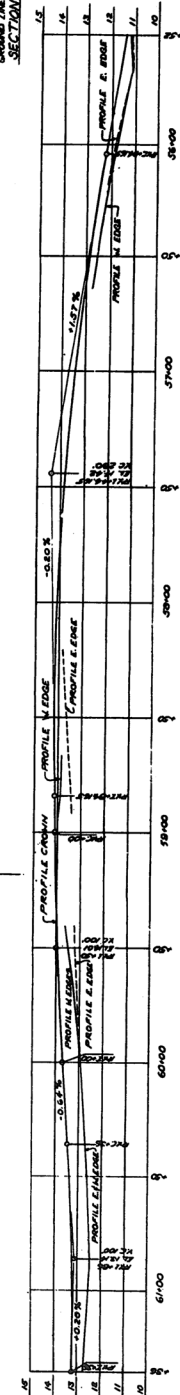
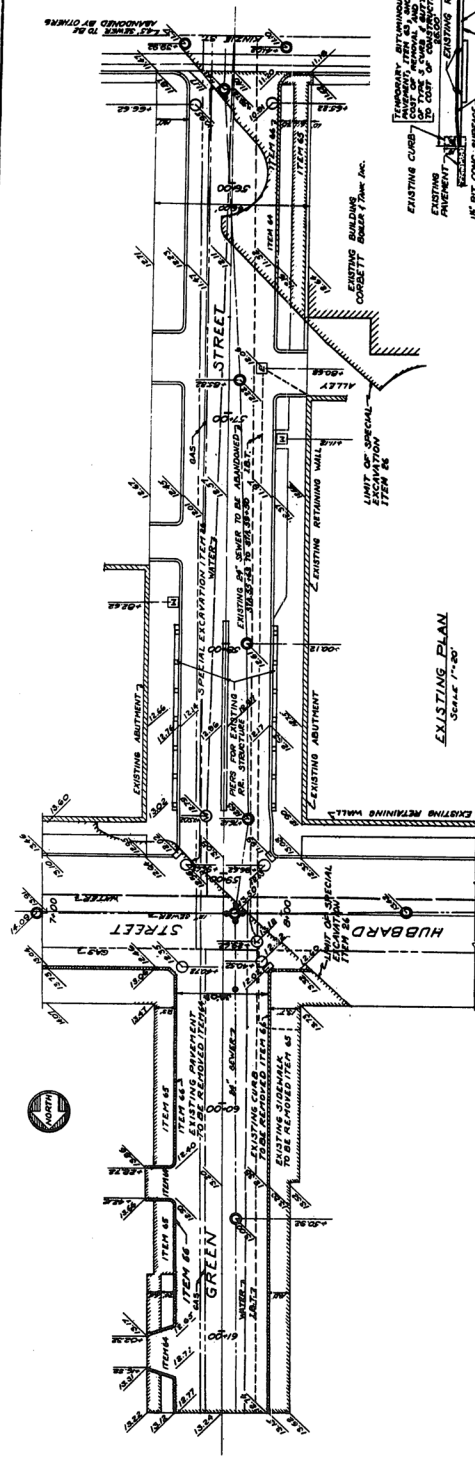
**SECTION 02040-3
PLAN & PROFILE - HUBBARD &
PEORIA ST. APPROACHES**

**ALFRED BENSON & ASSOCIATES
111 W. JACKSON BLVD.
CHICAGO, ILLINOIS**

**DRAWN BY: JAH 7-1962
CHECKED BY: JAH 7-1962
DATE: JAN 9-1962**

SHEET NO. 1 OF 160 SHEETS

DESIGNED BY	CHAS. E. COOK	CHECKED BY	W. J. HARRIS
DRAWN BY	W. J. HARRIS	DATE	JAN. 11, 1957
PROJECT NO.	100-100	SHEET NO.	22-2



PLAN OF PROPOSED TEMPORARY PAVEMENT

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

**NORTHWEST ROUTE SUPERHIGHWAY
C. & N.W. RY. GRADE SEPARATION
W. KINZIE ST. TO W. HUBBARD ST.**

**PLAN & PROFILE
GREEN ST. APPROACHES**

ALFRED J. HARRIS, ENGINEER
111 W. JACKSON ST.
CHICAGO, ILLINOIS

SHEET 22-2 OF 22 SHEETS DATE: JAN. 11, 1957