



NOTES FOR FRAMING PLAN

ALL DIMENSIONS SHOWN ON PLANS ARE HORIZONTAL AND TAKEN ALONG BOTTOM OF WEB PLATE FOR WELDED PLATE BEAM CONNECTIONS AND DETAILS. TYPICAL ELEVATION AND LATERAL BRACING SEE SHEET 14.

FOR BEARING DETAILS AT PIERS 26, 1 & 2 AND DETAIL OF FIELD SPICES SEE SHEET 14.

FOR BEARING DETAILS AT PIER 3 SEE SHEET 21.

FOR DEAD LOAD DISTRIBUTION AND CAMBER DIAGRAM SEE SHEET 14.

ALL INTERMEDIATE CROSS FRAMES ARE TYPICAL AS SHOWN ON SHEETS 17 & 18 EXCEPT CROSS FRAMES MARKED "X1" ON FRAMING PLANS. FOR DETAILS OF CROSS FRAMES MARKED "X1" SEE SHEET 21.

FOR END CROSS FRAMES AND LATERAL BRACING CONNECTIONS SEE SHEETS 17 & 18.

FOR EXPANSION GUARD AND DETAILS SEE SHEETS 18 THROUGH 21.

CUT WEB PLATE OF CHANNEL # 8 IN FOR SECTION OF BEAM PIER AS SHOWN ON BEARING DETAIL, SHEETS 20 & 21. DIMENSIONS IN BRACKETS () INDICATE ELEVATION OF TOP OF BEAM WITH REFERENCE TO TOP OF SLAB AT CENTERLINE BEARING. TOPS OF ALL BEAMS NOT NOTED SHALL BE 1" BELOW TOP OF SLAB AT CENTERLINE BEARING.

FRAMING PLAN - SPAN 1
SCALE: 1" = 10 FT.

BEAM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BEAM PIER 26	59.908	60.000	60.208	60.327	60.413	60.416	60.370	60.285	60.179	60.162	60.236	60.276	60.276	60.277	60.267	60.240	60.260
BEAM PIER 1	61.172	61.326	61.463	61.573	61.640	61.681	61.571	61.430	61.261	61.206	61.470	61.613	61.678	61.678	61.61	61.467	61.261
BEAM PIER 2	62.833	61.891	61.162	61.581	61.573	61.573	61.291	61.120	60.791	60.798	61.112	61.238	61.276	61.287	61.176	60.787	60.778
BEAM PIER 3	59.681	59.759	59.712	60.060	60.114	60.110	60.00	59.882	59.627	59.627	59.764	59.869	59.877	59.877	59.777	59.877	59.864

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
FURNISHING & ERECTING STRUCTURAL STEEL	SPANS 1, 2 & 3	4,282,000

* INCLUDES WEIGHT OF BEARINGS & EXPANSION GUARDS
ALFRED BENECH & ASSOCIATES CONSULTING ENGINEERS
10 SOUTH WABASH AVENUE CHICAGO, ILLINOIS

FOR INFORMATION ONLY

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbancinc.com

Sheet 11 of 45

SHEET NO 11 OF 45 SHEETS DATE: JULY 1964

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
DAN RYAN ELEVATED BRIDGE
BEARING REPLACEMENT & STEEL REPAIR
EXISTING PLAN INFORMATION
SN 016-1116

SCALE: NTS
DATE: 5/18/2007

DRAWN BY: LAM
CHECKED BY: BLU

5/24/2007 5:46:57 PM