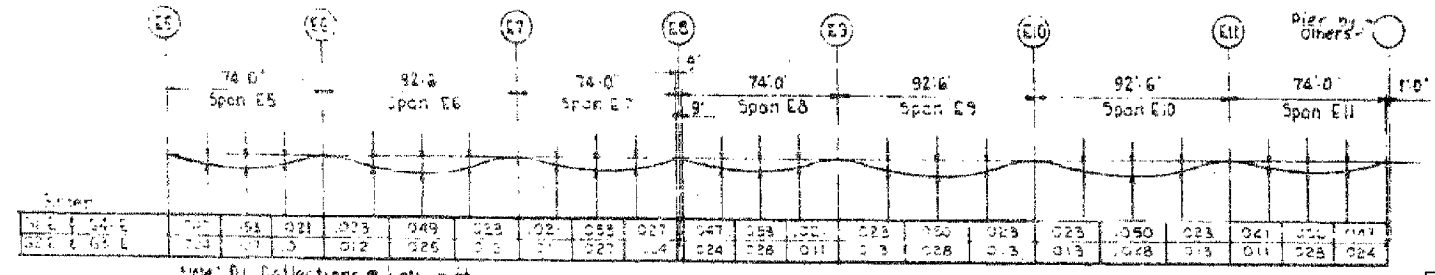
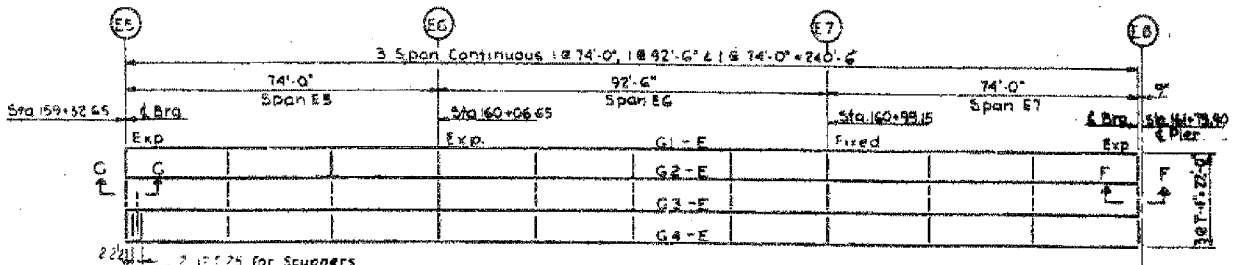


- NOTES**
- Intermediate cross frames to be located above Piers for continuous spans & between piers of all spans of approximate 3, 4 or 5 points as indicated in plan. Maximum spacing to be 24' 0". See 51.11 for spacing dimensions.
  - End cross frames to be located at free ends of all girders, simple & continuous spans.
- See Expansion Guard Details Sheets for Sections E, F & G

Girder	SPAN 1		SPANS 2 & 3			
	Distance A	Angle P	Girder	Distance B	Distance C	Angle B
G5-L	104-9 1/2	0°-00'-00"	G7-L	94-1 1/2	21'-0"	0°-00'-00"
G6-L	104-9 1/2	0°-49'-42"	G8-L	94-1 1/2	21'-0"	0°-32'-01"
G7-L	104-9 1/2	1°-39'-24"	G5-R	94-1 1/2	21'-0"	0°-00'-00"
G8-L	104-10 1/2	2°-29'-02"	G6-R	94-1 1/2	21'-0"	0°-24'-59"
G9-L	104-11 1/2	3°-18'-37"	G7-R	94-1 1/2	21'-0"	0°-21'-57"
G5-R	104-9 1/2	0°-00'-00"	G8-R	94-1 1/2	21'-0"	0°-14'-53"
G6-R	104-9 1/2	0°-42'-05"				
G7-R	104-9 1/2	1°-24'-10"				
G8-R	104-10 1/2	2°-36'-12"				
G9-R	104-11 1/2	3°-48'-13"				



SPANS E5 THRU E11  
RAMP E DEAD LOAD DEFLECTIONS

FOR INFORMATION ONLY

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

Sheet S20 of 82

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 016-1111

SCALE: NTS  
DATE: 5/18/2007

DRAWN BY: LAM  
CHECKED BY: BLU

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
SOUTH ROUTE SUPERHIGHWAY  
SECTION NO. 18-288.1-SHP  
18-288.1-SHP  
W 106 STREET TO W 108 STREET

**FRAMING PLAN**

CONFOR TOWNSEND & ASSOCIATES  
CONSULTING ENGINEERS  
CHICAGO, ILLINOIS

DESIGNED BY: RLF  
DRAWN BY: H.L.  
SCALE:

CHECKED BY: IN CHARGE OF HSM  
DATE: AUG. 1961  
SHEET NO. 3-20 OF 82