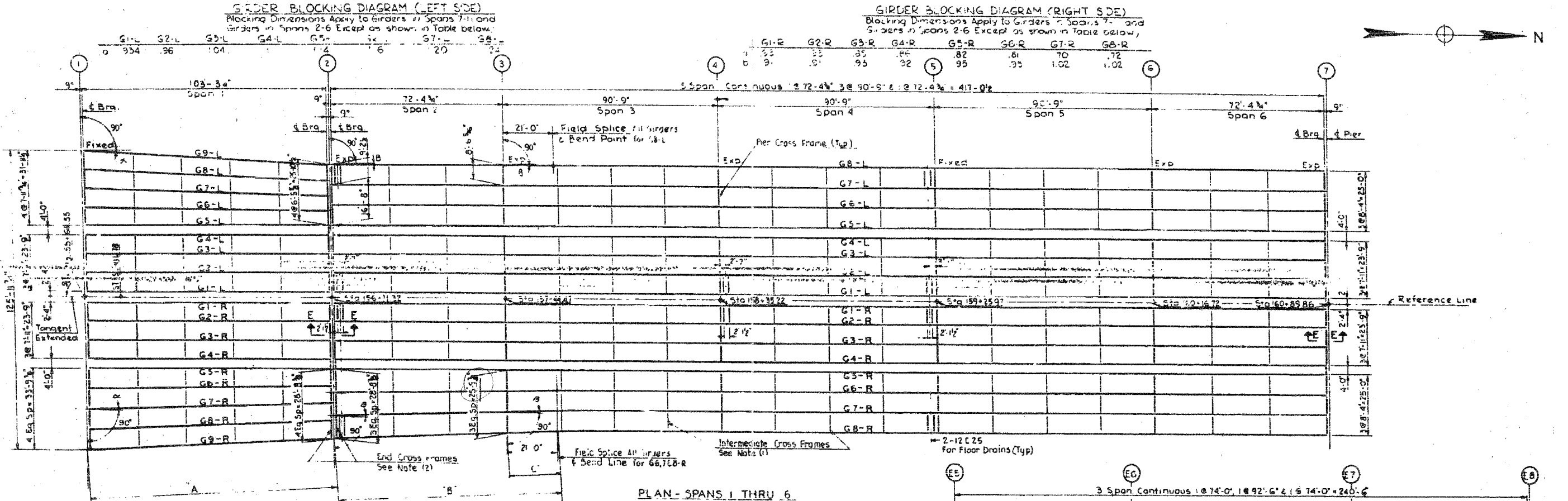
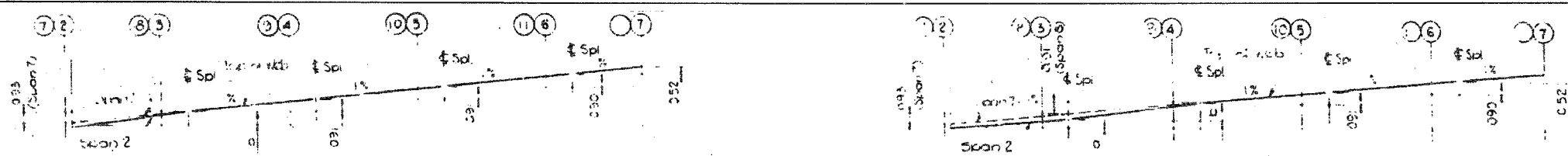
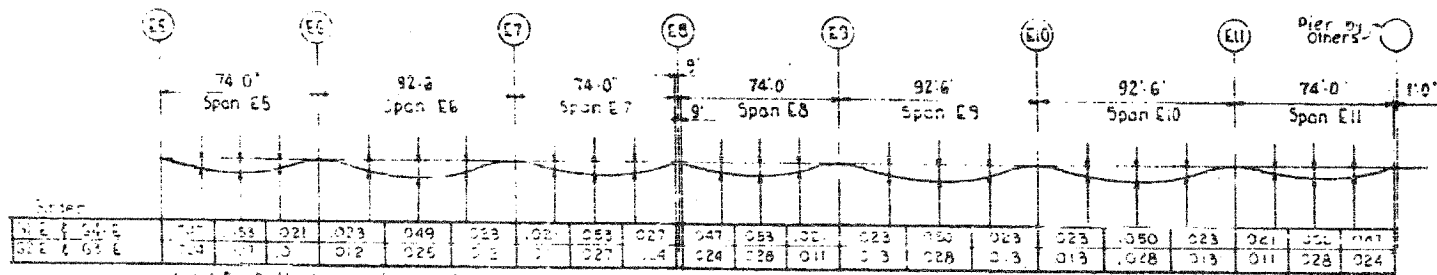
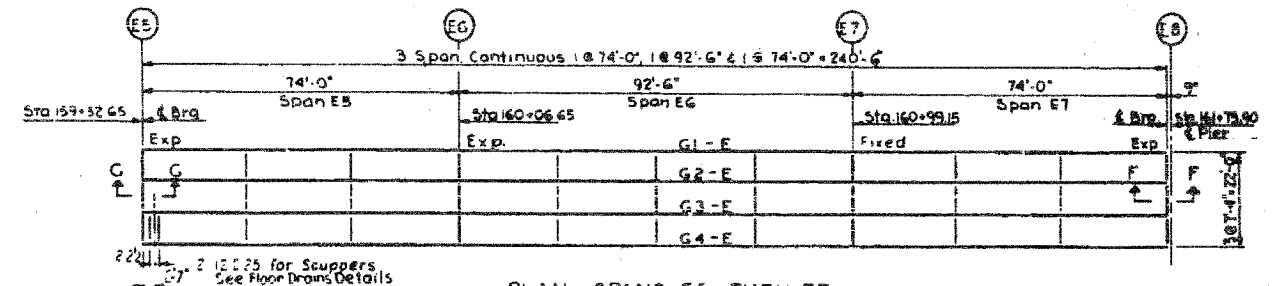


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-028F	COOK	419	327
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62580				



- NOTES**
- Intermediate cross frames to be located above Piers for continuous spans & between piers of all spans at approximate 3, 4 or 5 points as indicated in plan. Maximum spacing to be 25'-0". See Stiffener 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

DIMENSIONS OF FANNED GIRDERS						
(All girders not in schedule are parallel to Ref Line)						
Girder	SPAN 1		SPANS 2 & 3			
	Distance A	Angle α	Girder	Distance B	Distance C	Angle β
G5-L	104-94	0°-00'-00"	G7-L	94-12	21'-0"	0°-00'-00"
G6-L	104-94	0°-49'-42"	G8-L	94-12	21'-0"	0°-32'-01"
G7-L	104-93	1°-39'-24"	G5-R	94-12	21'-0"	0°-00'-00"
G8-L	104-10	2°-29'-02"	G6-R	94-16	21'-0"	0°-44'-59"
G9-L	104-11	3°-18'-37"	G7-R	94-24	21'-0"	0°-23'-57"
G5-R	104-94	0°-00'-00"	G8-R	94-24	21'-0"	2°-14'-53"
G6-R	104-93	0°-47'-05"				
G7-R	104-5	1°-24'-10"				
G8-R	104-16	2°-26'-13"				
G9-R	104-10	2°-48'-13"				



Note: DL Deflections @ 4 pts. in ft. See Note on Main Rdwy UL Deflections Sheet No 3-19

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

REVISIONS	NAME	DATE

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
SOUTH ROUTE SUPERHIGHWAY
SECTION NO. 18-2823-SHP
W 166 STREET TO W 286 STREET

FRAMING PLAN

CONSOER, TOWNSEND & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY RLF
DRAWN BY M.L.
SCALE: NTS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
EXISTING PLAN INFORMATION
SN 016-1111

SCALE: NTS
DATE: 7/22/2005
DRAWN BY: BDC
CHECKED BY: BLU