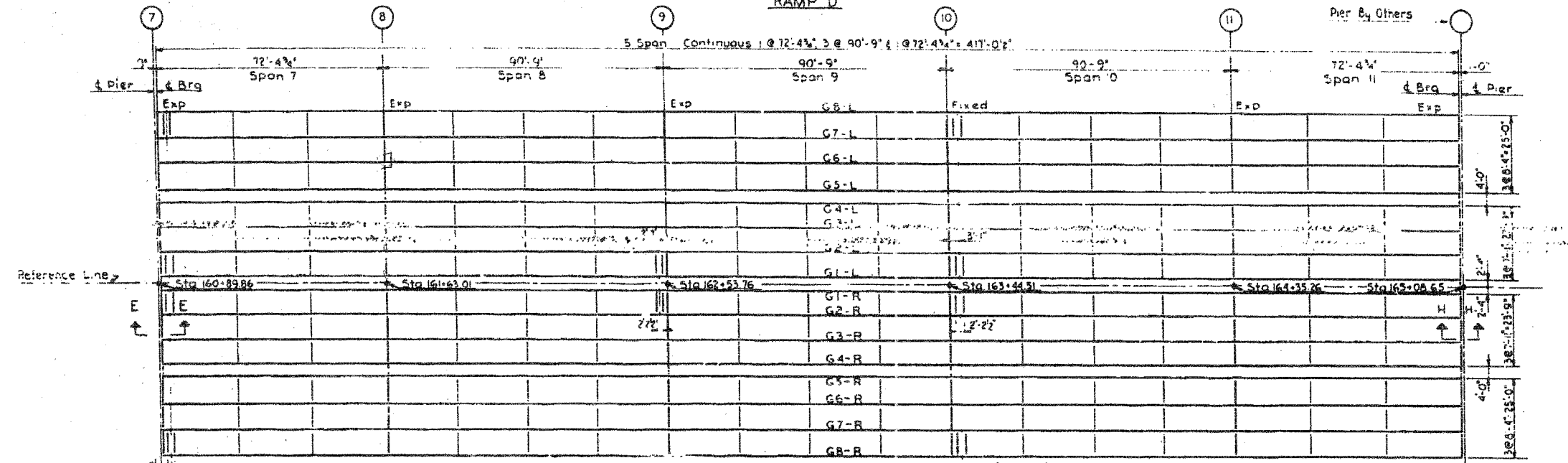
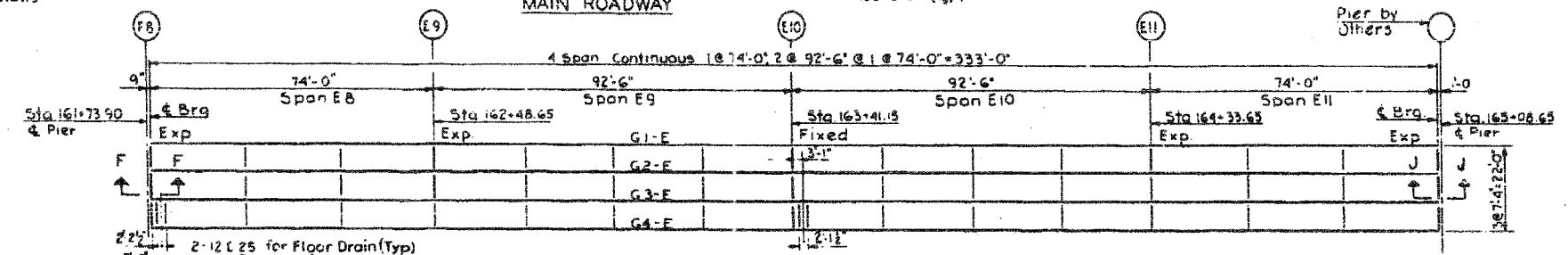


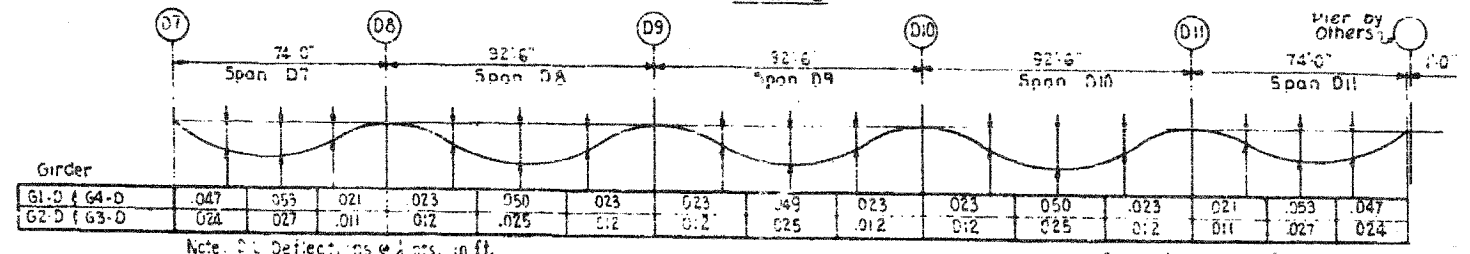
PLAN-SPANS D7 THRU D11  
RAMP D



PLAN-SPANS 7 THRU 11  
MAIN ROADWAY



PLAN-SPANS EB THRU E11  
RAMP E



SPANS D7 THRU D11  
RAMP D DEAD LOAD DEFLECTIONS  
Includes Weight of Concrete only



STRUCTURAL STEEL NOTES

- STEEL**  
Structural Steel ASTM Designation A-373 shall be used throughout except as noted below.
- ASTM Designation A-7 steel to be used for cross frames, masonry plates, anchor bolts, field splice plates, expansion guards, channel shear connectors, and scupper channels.
- FIELD CONNECTIONS**  
Cross Frames - 2 @ High-Strength Bolts A.S.T.M. A-325  
Girder Splices - 2 @ High-Strength Bolts A.S.T.M. A-325  
Expansion Guard Brackets - 2 @ Ribbed bolts  
Scupper Channels - 2" MS P.L. See Sheet S-30
- FIELD CONNECTIONS - WELDS**  
Flanges to web with continuous fillet welds. Fillet welds to web, use 3/8" fillet welds for flange plates up to and including 1/2" thickness. Use 1/2" fillet welds for flange plates up to and including 1/2" thickness. Use 3/8" fillet welds for flange plates up to and including 2" thickness.
- SPICES**  
Field splices may be vertical or normal to the girders at the option of the fabricator. Holes for field splices shall be reamed with the girders assembled in position in accordance with the Blocking Diagrams.  
Shop web splices shall be made vertical.
- PAINTING**  
The Contractor for Section S-2525-3HF shall furnish and apply 1 shop coat of red lead paint and 2 field coats of paint to all structural steel except as noted below. The tops of girder top flanges will not be painted except for a distance of 5 feet each way from interior piers & abutments.

See Expansion Guard Detail Sheets S-25, S-26, S-27 for Sections E, F, G, H, J & K

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
**SOUTH ROUTE SUPERHIGHWAY**  
SECTION NO. 15-1525-3H  
W. 166 STREET TO W. 168 STREET  
**FRAMING PLAN**  
CONSER, TOWNSEND & ASSOCIATES  
CONSULTING ENGINEERS  
CHICAGO, ILLINOIS  
DESIGNED BY RLF  
DRAWN BY M.L.  
SCALE  
CHECKED BY HSM  
DATE: AUG. 1991  
SHEET NO. S-21 OF 82

REVISIONS	NAME	DATE

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

FOR INFORMATION ONLY