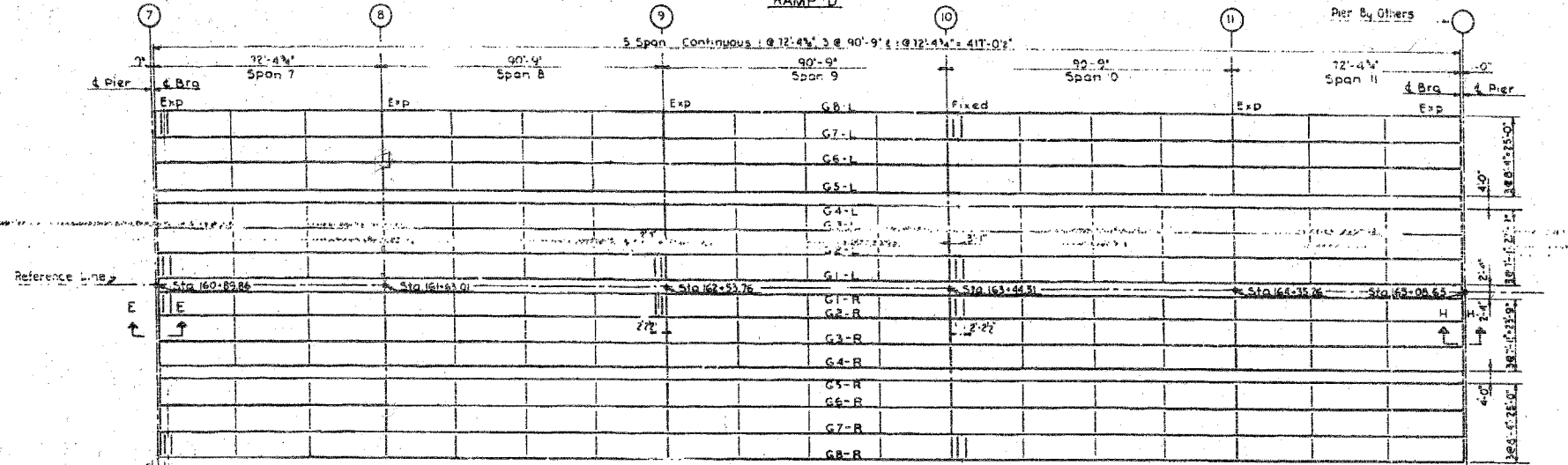
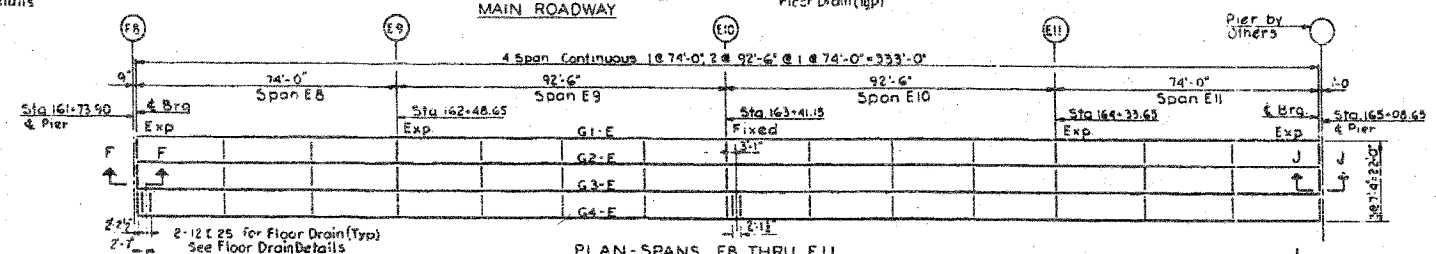


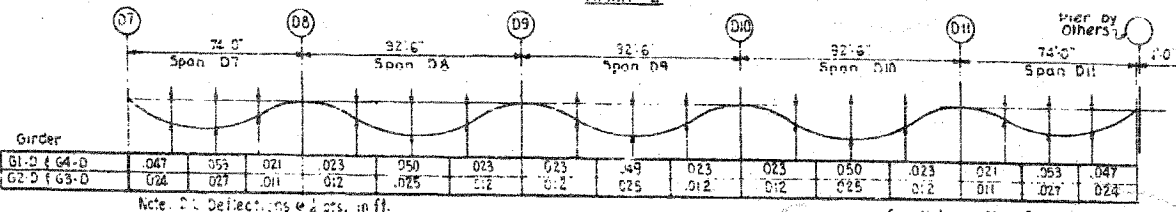
PLAN-SPANS D7 THRU D11
RAMP D



PLAN-SPANS 7 THRU 11
MAIN ROADWAY



PLAN-SPANS E8 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 - 1/2" Dia. Ripped Bolts
Scupper Channels - 2" HS Flange See Sheet S-30
- FIELD PLATE WELDS**
Flanges to web with 1/4" fillet welds for flange plates up to and including 1/4" thickness. Use 3/8" fillet welds for flange plates up to and including 1/4" thickness. Use 3/8" fillet welds for flange plates up to and including 2" thickness.
- SPLICES**
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 unspliced in position in accordance with the Blocking Diagrams.
Shop web splices shall be made vertical.
- PAINTING**
The Contractor for Section S-2525-3-3HF 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. S-2525-3-3H
W 106 STREET TO W 104 STREET
FRAMING PLAN
CONSOER, TOWNSEND & ASSOCIATES
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
DESIGNED BY RLF CHECKED BY
DRAWN BY H.L. IN CHARGE OF H5M
SCALE: DATE: AUG 1981
SHEET NO. S-21 OF 82

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

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
SB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
EXISTING PLAN INFORMATION
SN 016-1111
SCALE: NTS DRAWN BY: MTR
DATE: 5/25/2006 CHECKED BY: BLU

4-45370 5/23/2006