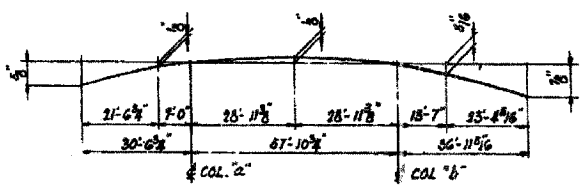
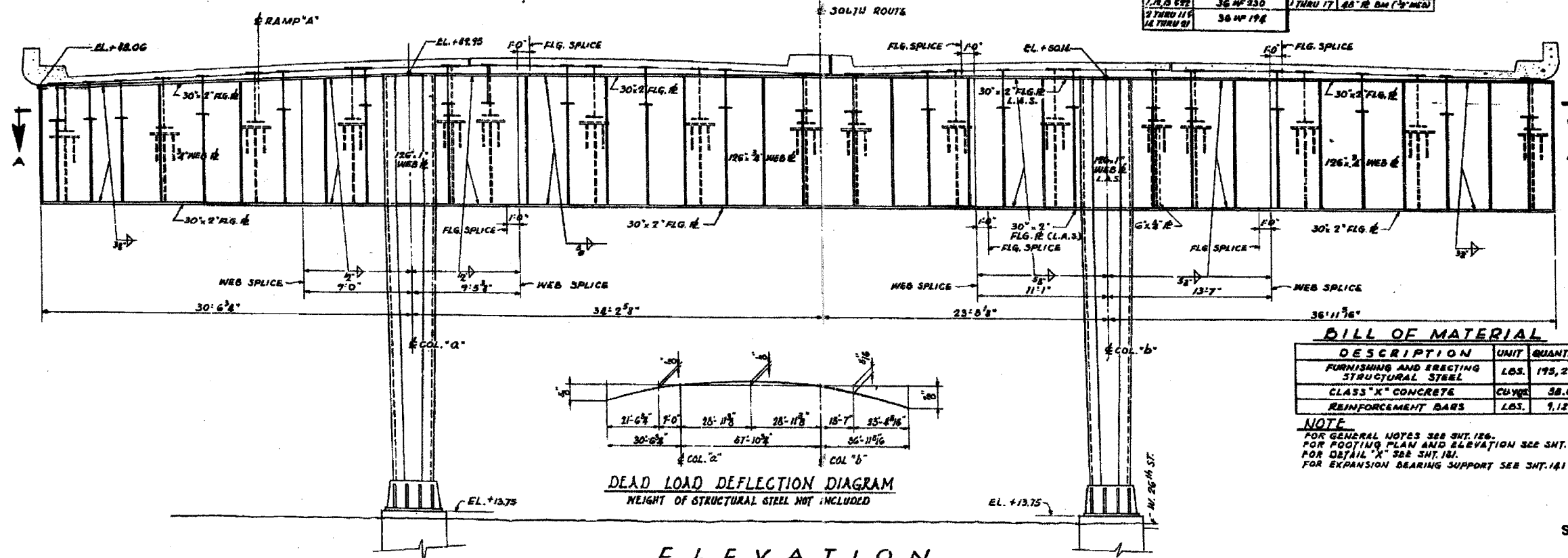


**SECTION A-A**  
SCALE: 1/4" = 1'-0"

**BEAM TABLE**

| SPAN #19 (FIXED)         |            | SPAN #20 (EXR)                 |            |
|--------------------------|------------|--------------------------------|------------|
| BEAM NO.                 | SIZE       | BEAM NO.                       | SIZE       |
| 17, 18, 672              | 36" HP 230 | 17, 18, 19, 20, 21, 22, 23, 24 | 48" HP 210 |
| 17, 18, 119, 14, 120, 21 | 36" HP 198 |                                |            |



**DEAD LOAD DEFLECTION DIAGRAM**  
WEIGHT OF STRUCTURAL STEEL NOT INCLUDED

**ELEVATION**  
SCALE: 1/4" = 1'-0"

SCALE OF TRACING  
1/4" = 1'-0"

**BILL OF MATERIAL**

| DESCRIPTION                              | UNIT   | QUANTITY |
|--|--------|----------|
| FURNISHING AND ERECTING STRUCTURAL STEEL | LBS.   | 175,270  |
| CLASS "K" CONCRETE                       | CU YDS | 58.6     |
| REINFORCEMENT BARS                       | LBS.   | 9,120    |

**NOTE**  
FOR GENERAL NOTES SEE SHT. 126.  
FOR FOOTING PLAN AND ELEVATION SEE SHT. 140.  
FOR DETAIL "X" SEE SHT. 181.  
FOR EXPANSION BEARING SUPPORT SEE SHT. 181.

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
**SOUTH ROUTE SUPERHIGHWAY  
ELEVATED HIGHWAY**  
28<sup>TH</sup> PLACE TO STEWART AVE.  
SECTION 3-2424.3-4H  
**PIER 19**  
SHEET NO. 133 OF 184 SHEETS DATE: MARCH, 1961

| REVISIONS | DATE |
|-----------|------|
| NAME      |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

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 016-1117 & 016-1118  
SCALE: NTS  
DATE: 7/22/2005  
DRAWN BY: BDC  
CHECKED BY: BLU

FOR INFORMATION ONLY

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