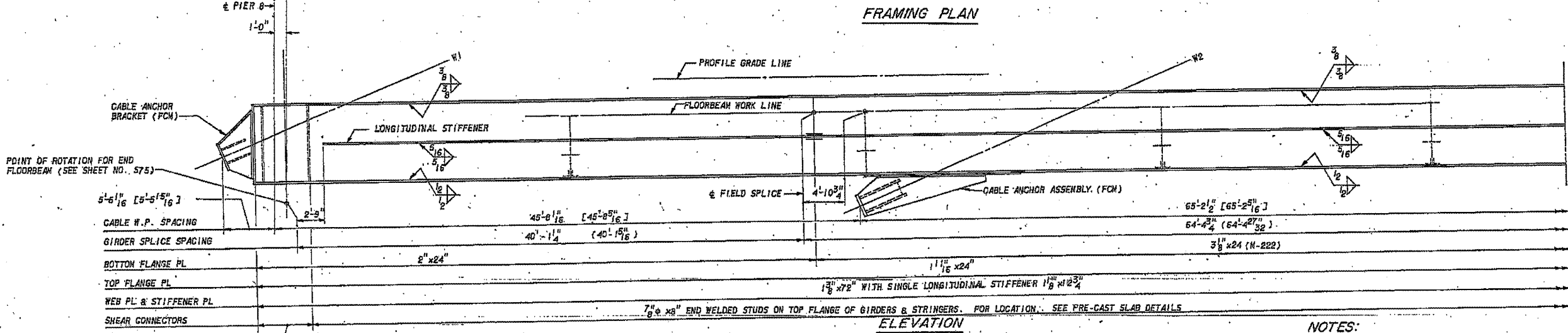
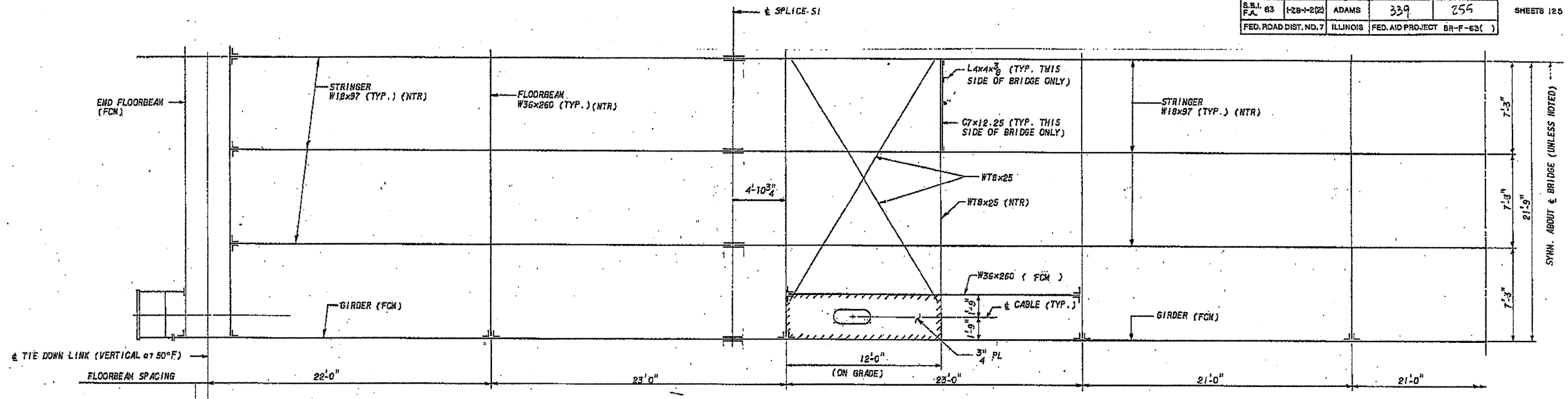


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 561
S.B.L. F.A. 63	1-28-1-2(2)	ADAMS	339	256	SHEETS 125
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	BR-F-63( )	



**STRUCTURAL STEEL FABRICATION - GENERAL NOTES**

ALL STEEL SHALL BE A-242 GRADE 50 UNLESS NOTED  
 ALL FASTENERS SHALL BE 1" DIAMETER HIGH STRENGTH BOLTS (AASHTO M164) IN 1/16" DIAMETER HOLES, AT 3" MIN. SPAC. UNLESS NOTED.  
 UNLESS SHOWN OTHERWISE ON THE DRAWINGS, STEEL PLATES FOR MAIN MEMBERS, INCLUDING SPLICE PLATES AND BUSHETS, SHALL BE CUT AND FABRICATED SO THAT THE PRINCIPAL DIRECTION OF ROLLING IS PARALLEL TO THE PRIMARY TENSILE AND/OR COMPRESSIVE STRESSES.  
 DRAIN HOLES SHALL BE PROVIDED AS SHOWN IN THE CONTRACT DRAWINGS AND WHERE NECESSARY TO AVOID POCKETING OF WATER.  
 ALL RE-ENTRANT CUTS SHALL HAVE 2" MINIMUM RADIUS.  
 WHERE TIGHT FIT IS CALLED FOR IN THE DRAWINGS, A 1/16" TOLERANCE SHALL BE CONSIDERED A TIGHT FIT.  
 BOLTS SHALL BE PLACED WITH BOLT HEADS EXPOSED TO WEATHER EXCEPT THAT FOR VERTICALLY POSITIONED BOLTS WHICH HAVE BOTH HEAD AND NUT EXPOSED, THE BOLTS SHALL BE PLACED WITH THE HEAD ABOVE THE NUT.  
 STRINGERS SHALL BE FABRICATED SO THAT THE NATURAL CAMBER OF THE BEAM WILL BE UPWARD WHEN ERECTED.  
 ACCESS HOLES SHALL BE PROVIDED AS SHOWN IN THE CONTRACT DRAWINGS. ALL ACCESS HOLES SHALL BE FLAME CUT.  
 LONGITUDINAL STIFFENER (FCM) SHALL BE CONTINUOUS BETWEEN SPLICES AS SHOWN. ANY REQUIRED JOINT SHALL BE BOLT SPLICED AND ULTRASONICALLY TESTED.  
 FOR ADDITIONAL STRUCTURAL STEEL GENERAL NOTES, SEE SHEET 562.

**NOTES:**

--- DENOTES STRINGER SPLICE  
 --- DENOTES GIRDER SPLICE

ALL DIMENSIONS SHOWN ARE HORIZONTAL, UNLESS NOTED.  
 ALL INFORMATION IS SYMMETRICAL ABOUT &  
 SPAN C UNLESS SHOWN OTHERWISE.  
 (40'-4 1/2") DENOTES CAMBER LENGTH.  
 [45'-8 5/16"] DENOTES CABLE W.P. SPACING AT CORRESPONDING LOCATION ABOUT & SPAN C.

**STEEL ALTERNATIVE**

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
	HE			CONSTRUCTED IN ESSENTIAL COMPLIANCE	7/81

**F A ROUTE 63 (U.S. ROUTE 24)  
 OVER MISSISSIPPI RIVER  
 QUINCY, ILLINOIS**

**GIRDER ELEVATIONS  
 AND FRAMING PLAN - I**

EXISTING STEEL PLANS  
FOR INFORMATION ONLY

PREPARED BY  
**MODJESKI AND MASTERS**  
CONSULTING ENGINEERS

FOR  
**Booker**  
Engineers Architects Planners

1138 Olive Street, St. Louis, Missouri 63101

DATE: MAY 1963