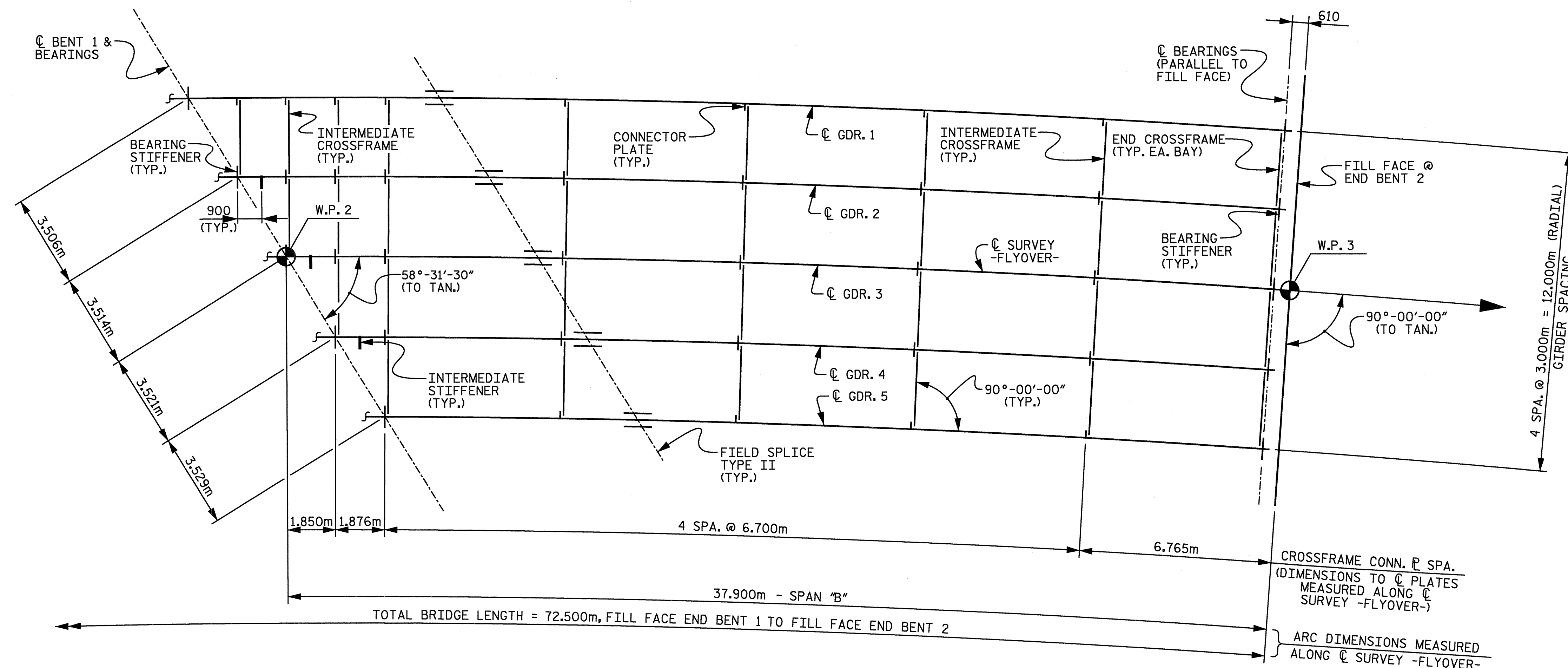


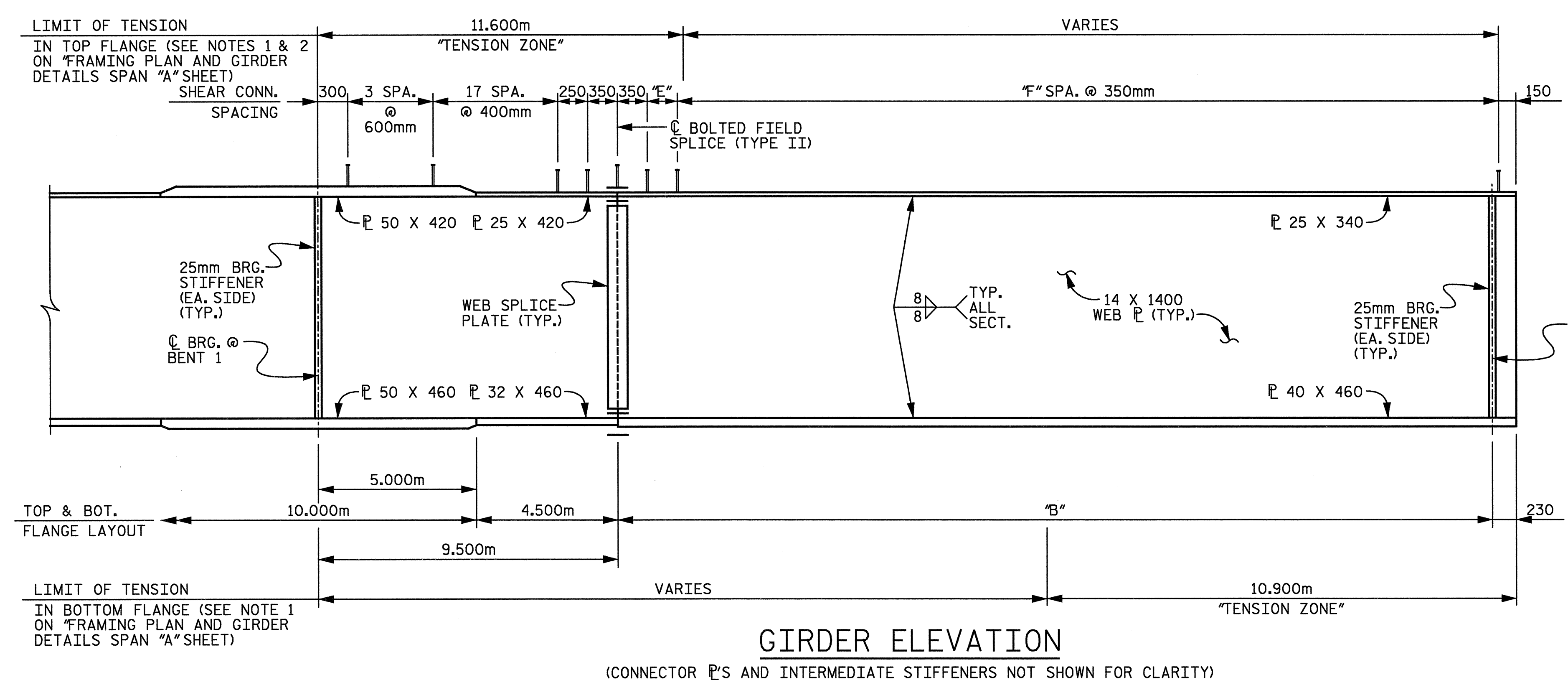
02/23/2005 10:30:50 AM d:\d\lowery n:\p\ro\3109-300\ustation\struct\final\3109-300-frame_b.dgn



NOTES:
1. FOR NOTES, SEE "FRAMING PLAN AND GIRDER DETAILS SPAN "A".

FRAMING PLAN

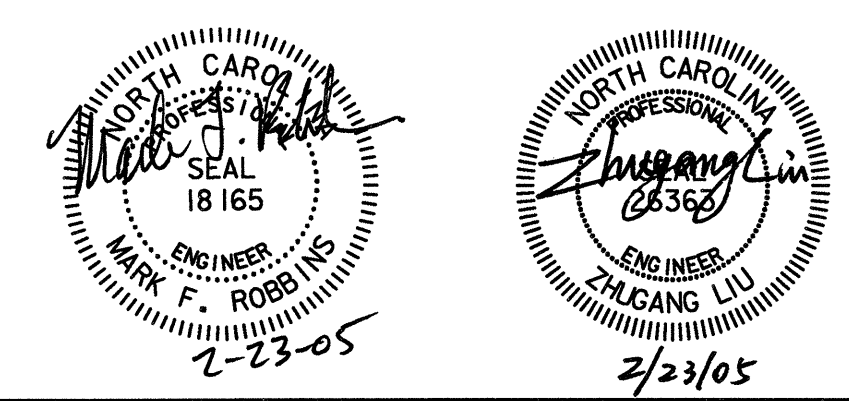
GIRDER DIMENSIONS									
GDR.	RADIUS (m)	SPAN		TOTAL GDR. LENGTH (m)	SHEAR CONNECTOR				
		"A" (m)	"B" (m)		"C" (mm)	"D" (mm)	"E" (mm)	"F" (mm)	NO. OF SHEAR CONN.
1	516.000	20.032	31.901	72.593	56	162	131	90	600
2	513.000	21.659	29.848	72.167	60	389	178	84	594
3	510.000	23.290	27.790	71.740	65	270	220	78	591
4	507.000	24.925	25.729	71.314	70	155	259	72	588
5	504.000	26.564	23.663	70.887	74	394	293	66	582



GIRDER ELEVATION
(CONNECTOR P'S AND INTERMEDIATE STIFFENERS NOT SHOWN FOR CLARITY)

PROJECT No. R-2552C
JOHNSTON COUNTY
STATION: POS 16+52.599 -Y4- =
POC 9+28.021 -FLYOVER-

SHEET 2 OF 2



RALPH WHITEHEAD ASSOCIATES, INC.
CONSULTING ENGINEERS
P.O. BOX 35624 CHARLOTTE, N.C. 28235
DRAWN BY WBS, LGH DATE 9-04 DWG. NO.
CHECKED BY TVR DATE 12-04 D-1748.10

NO.	BY	DATE
1		
2		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
FRAMING PLAN AND GIRDER DETAILS SPAN "B"

SHEET NO.	5405
TOTAL SHEETS	431