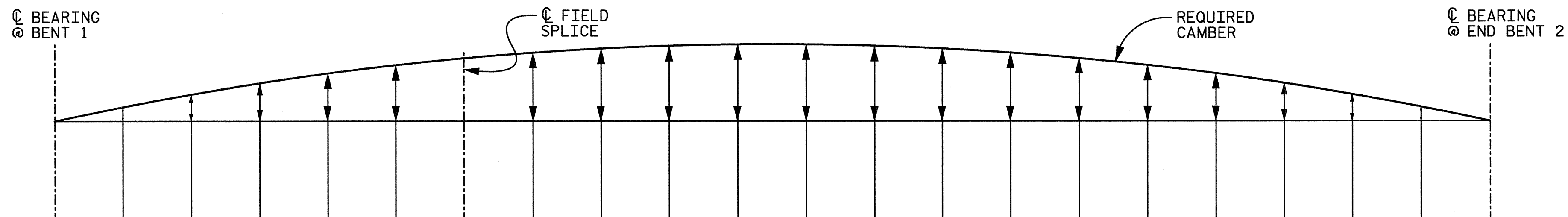


02/17/2005 04:55:50 PM Mt:\p\proj\3109-200\station\struct\final\3109-200\_camber\_b.dgn

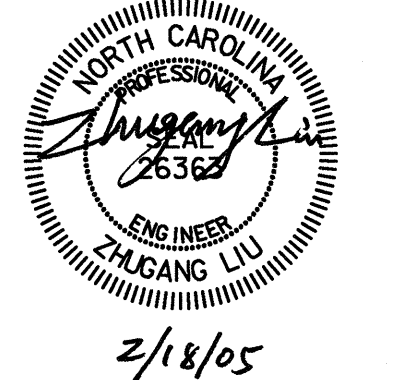
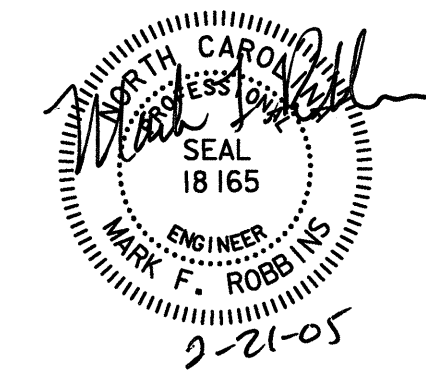


	2.00	2.01	2.02	2.03	2.04	2.05	F.S.	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	
GIRDERS 1 & 6	DEFLECTION DUE TO WT. OF STEEL	0.000	0.000	0.001	0.003	0.006	0.008	0.011	0.011	0.014	0.017	0.019	0.021	0.022	0.022	0.022	0.021	0.019	0.016	0.013	0.009	0.005	0.000
	DEFLECTION DUE TO WT. OF SLAB ▲	0.000	0.001	0.005	0.011	0.019	0.028	0.037	0.038	0.048	0.057	0.064	0.070	0.074	0.075	0.074	0.070	0.064	0.055	0.044	0.031	0.016	0.000
	DEFLECTION DUE TO WT. OF RAIL	0.000	0.000	0.000	0.001	0.002	0.003	0.003	0.003	0.004	0.005	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.005	0.004	0.003	0.001	0.000
	TOTAL DEAD LOAD DEFLECTION	0.000	0.001	0.006	0.015	0.027	0.039	0.051	0.052	0.066	0.079	0.089	0.097	0.102	0.104	0.102	0.097	0.089	0.076	0.061	0.043	0.022	0.000
	VERTICAL CURVE ORDINATE	0.000	0.005	0.008	0.011	0.014	0.017	0.019	0.019	0.020	0.021	0.022	0.023	0.022	0.021	0.021	0.019	0.017	0.014	0.012	0.008	0.004	0.000
	SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	REQUIRED CAMBER	0	6	14	26	41	56	70	71	86	100	111	120	124	125	123	116	106	90	73	51	26	0
GIRDERS 2-5	DEFLECTION DUE TO WT. OF STEEL	0.000	0.000	0.001	0.003	0.006	0.008	0.011	0.011	0.014	0.017	0.019	0.021	0.022	0.022	0.022	0.021	0.019	0.016	0.013	0.009	0.005	0.000
	DEFLECTION DUE TO WT. OF SLAB ▲	0.000	0.001	0.005	0.012	0.021	0.031	0.041	0.042	0.052	0.062	0.071	0.077	0.081	0.083	0.081	0.077	0.070	0.061	0.048	0.034	0.017	0.000
	DEFLECTION DUE TO WT. OF RAIL	0.000	0.000	0.000	0.001	0.002	0.003	0.003	0.003	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.004	0.003	0.001	0.000
	TOTAL DEAD LOAD DEFLECTION	0.000	0.001	0.006	0.016	0.029	0.042	0.055	0.056	0.070	0.084	0.095	0.104	0.109	0.111	0.109	0.104	0.094	0.082	0.065	0.046	0.023	0.000
	VERTICAL CURVE ORDINATE	0.000	0.004	0.008	0.011	0.014	0.017	0.018	0.018	0.020	0.021	0.022	0.023	0.022	0.021	0.021	0.019	0.016	0.015	0.011	0.008	0.005	0.000
	SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	REQUIRED CAMBER	0	5	14	27	43	59	73	74	90	105	117	127	131	132	130	123	110	97	76	54	28	0

▲ DENOTES INCLUSION OF SLAB, BUILDUPS AND STAY-IN-PLACE FORMS.

### SCHEMATIC CAMBER ORDINATES - SPAN "B"

(FOR NOTES, SEE SHEET 1 OF 2.)



PROJECT No R-2552C  
 JOHNSTON COUNTY  
 STATION: POT 148+08.446 -L2-  
 POT 23+96.446 -Y4-

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
<b>CAMBER AND DEFLECTIONS</b>			
<b>-RIGHT LANE-</b>			
REVISIONS	NO.	DATE	
	3		
	4		
BY	NO.	DATE	BY
	1		
	2		
DRAWN BY WBS, LGH		DATE 11-04	DWG. NO.
CHECKED BY T.J.T.		DATE 1-05	D-1750.17
			SHEET NO. 5-374 TOTAL SHEETS 43

**W** RALPH WHITEHEAD ASSOCIATES, INC.  
CONSULTING ENGINEERS  
P.O. BOX 35624 CHARLOTTE, N.C. 28235

DRAWN BY WBS, LGH DATE 11-04 DWG. NO.  
CHECKED BY T.J.T. DATE 1-05 D-1750.17