



FRAMING PLAN

DEAD LOAD DEFLECTION TABLE FOR SPAN A

TENTH POINTS	GIRDER 1 & 4											GIRDER 2 & 3										
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.010	0.019	0.026	0.031	0.032	0.031	0.026	0.019	0.010	0.000	0.000	0.010	0.019	0.026	0.031	0.032	0.031	0.026	0.019	0.010	0.000
*DEFLECTION DUE TO WEIGHT OF SLAB	0.000	0.061	0.115	0.157	0.184	0.193	0.184	0.157	0.115	0.061	0.000	0.000	0.063	0.119	0.163	0.191	0.200	0.191	0.163	0.119	0.063	0.000
DEFLECTION DUE TO WEIGHT OF PARAPET	0.000	0.003	0.006	0.008	0.009	0.010	0.009	0.008	0.006	0.003	0.000	0.000	0.003	0.006	0.008	0.009	0.010	0.009	0.008	0.006	0.003	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.074	0.140	0.191	0.224	0.235	0.224	0.191	0.140	0.074	0.000	0.000	0.076	0.144	0.197	0.231	0.242	0.231	0.197	0.144	0.076	0.000
VERTICAL CURVE ORDINATE	0.000	0.151	0.269	0.353	0.403	0.420	0.403	0.353	0.269	0.151	0.000	0.000	0.151	0.269	0.353	0.403	0.420	0.403	0.353	0.269	0.151	0.000
REQUIRED CAMBER	0	15/16"	19/16"	15/16"	21/8"	21/4"	21/8"	15/16"	19/16"	15/16"	0	0	7/8"	11/2"	17/8"	21/16"	21/8"	21/16"	17/8"	11/2"	7/8"	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "REQUIRED CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

PROJECT NO. B-3805
ASHE COUNTY
 STATION: 10+63.50 -L-

SHEET 1 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 STRUCTURAL STEEL
 DETAILS**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-6
1			3			TOTAL SHEETS
2			4			26

DRAWN BY: T. A. HARRIS DATE: 12/1/04
 CHECKED BY: T. L. CLELLAND DATE: 12/20/04