

GIRDER 2, 3, 4

GIRDER ORDINATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLEC. DUE TO WEIGHT OF STEEL	0.000	0.005	0.011	0.015	0.020	0.024	0.027	0.029	0.031	0.032	0.033	0.032	0.031	0.029	0.027	0.024	0.020	0.015	0.011	0.005	0.000
DEFLEC. DUE TO WEIGHT OF SLAB **	0.000	0.023	0.045	0.065	0.084	0.100	0.113	0.124	0.132	0.137	0.139	0.137	0.132	0.124	0.113	0.100	0.084	0.065	0.045	0.023	0.000
DEFLEC. DUE TO WT. OF BARRIER RAIL	0.000	0.002	0.004	0.005	0.007	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.030	0.060	0.085	0.111	0.132	0.149	0.163	0.173	0.180	0.183	0.180	0.173	0.163	0.149	0.132	0.111	0.085	0.060	0.030	0.000
VERTICAL CURVE ORDINATE	0.000	0.002	0.003	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.008	0.007	0.006	0.004	0.003	0.000
REQUIRED CAMBER	0	32	63	90	117	139	157	172	183	190	193	190	183	173	158	140	118	91	64	33	0

\*\* INCLUDES SLAB, BUILDUP & STAY-IN-PLACE FORMS

GIRDER 1, 5

GIRDER ORDINATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLEC. DUE TO WEIGHT OF STEEL	0.000	0.005	0.011	0.015	0.020	0.024	0.027	0.029	0.031	0.032	0.033	0.032	0.031	0.031	0.027	0.024	0.020	0.015	0.011	0.005	0.000
DEFLEC. DUE TO WEIGHT OF SLAB **	0.000	0.022	0.043	0.063	0.081	0.096	0.109	0.120	0.127	0.132	0.133	0.132	0.127	0.127	0.109	0.096	0.081	0.063	0.043	0.022	0.000
DEFLEC. DUE TO WT. OF BARRIER RAIL	0.000	0.002	0.004	0.005	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.008	0.007	0.005	0.004	0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.029	0.058	0.083	0.108	0.128	0.145	0.159	0.169	0.175	0.177	0.175	0.169	0.169	0.145	0.128	0.108	0.083	0.058	0.029	0.000
VERTICAL CURVE ORDINATE	0.000	0.002	0.003	0.005	0.006	0.007	0.008	0.009	0.009	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.007	0.006	0.004	0.003	0.000
REQUIRED CAMBER	0	31	61	88	114	135	153	168	178	185	187	185	178	168	154	136	115	89	62	32	0

\*\* INCLUDES SLAB, BUILDUP & STAY-IN-PLACE FORMS

**SCHEMATIC CAMBER ORDINATES SPAN A**

ALL VALUES ARE SHOWN IN DECIMALS OF A METER EXCEPT "REQUIRED CAMBER" WHICH IS GIVEN IN MILLIMETERS

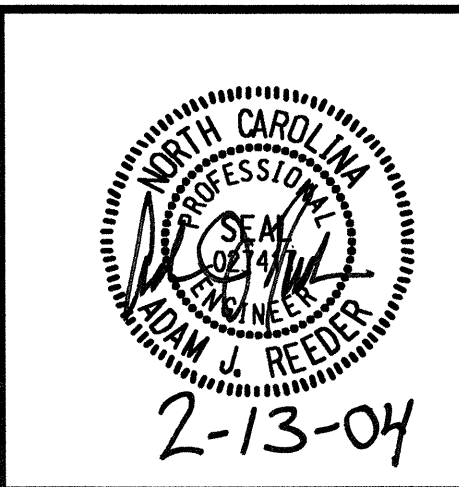
PROJECT NO. R-2552B  
JOHNSTON COUNTY  
 STATION: 78+35.547 -L-  
12+97.374 -Y10-

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE  
 CAMBER DETAILS  
 (RIGHT LANE)  
 (LEFT LANE)**

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS: 431



**PBSJ**

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DRAWN BY : AR DATE : 6/03  
 CHECKED BY : JL DATE : 9/03