

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
TENTH POINTS	SPAN A										
	GIRDERS 1 & 6										
	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.001	-0.001	-0.002	-0.004	-0.005	-0.006	-0.006	-0.005	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.001	0.000	-0.002	-0.005	-0.010	-0.014	-0.017	-0.017	-0.011	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.000	-0.001	-0.004	-0.009	-0.016	-0.021	-0.024	-0.023	-0.015	0.000
VERTICAL CURVE ORDINATE	0.000	0.025	0.044	0.058	0.066	0.069	0.066	0.058	0.044	0.025	0.000
REQUIRED CAMBER	0	5/16"	1/2"	5/8"	11/16"	5/8"	3/16"	3/8"	1/4"	1/8"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
TENTH POINTS	SPAN C										
	GIRDERS 1 & 6										
	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.003	-0.005	-0.006	-0.006	-0.005	-0.004	-0.002	-0.001	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.011	-0.017	-0.017	-0.014	-0.010	-0.005	-0.002	0.000	0.001	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.015	-0.023	-0.024	-0.021	-0.016	-0.009	-0.004	-0.001	0.000	0.000
VERTICAL CURVE ORDINATE	0.000	0.025	0.044	0.058	0.066	0.069	0.066	0.058	0.044	0.025	0.000
REQUIRED CAMBER	0	1/8"	1/4"	3/8"	9/16"	5/8"	11/16"	5/8"	1/2"	5/16"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
TWENTIETH POINTS	SPAN B																				
	GIRDERS 1 & 6																				
	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.005	0.010	0.016	0.023	0.029	0.035	0.040	0.043	0.046	0.047	0.046	0.043	0.040	0.035	0.029	0.023	0.016	0.010	0.005	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.016	0.037	0.060	0.084	0.107	0.129	0.148	0.162	0.171	0.174	0.171	0.162	0.148	0.129	0.107	0.084	0.060	0.037	0.016	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.002	0.003	0.006	0.008	0.010	0.012	0.014	0.015	0.016	0.016	0.016	0.015	0.014	0.012	0.010	0.008	0.006	0.003	0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.023	0.050	0.082	0.115	0.146	0.176	0.202	0.220	0.233	0.237	0.233	0.220	0.202	0.176	0.146	0.115	0.082	0.050	0.023	0.000
VERTICAL CURVE ORDINATE	0.000	0.044	0.083	0.118	0.148	0.173	0.194	0.210	0.222	0.229	0.231	0.229	0.222	0.210	0.194	0.173	0.148	0.118	0.083	0.044	0.000
REQUIRED CAMBER	0	13/16"	15/8"	23/8"	31/8"	33/16"	41/16"	45/16"	55/16"	59/16"	55/16"	59/16"	55/16"	45/16"	41/16"	33/16"	31/8"	23/8"	15/8"	13/16"	0

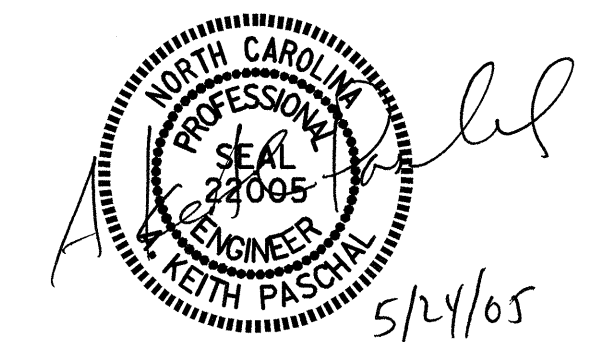
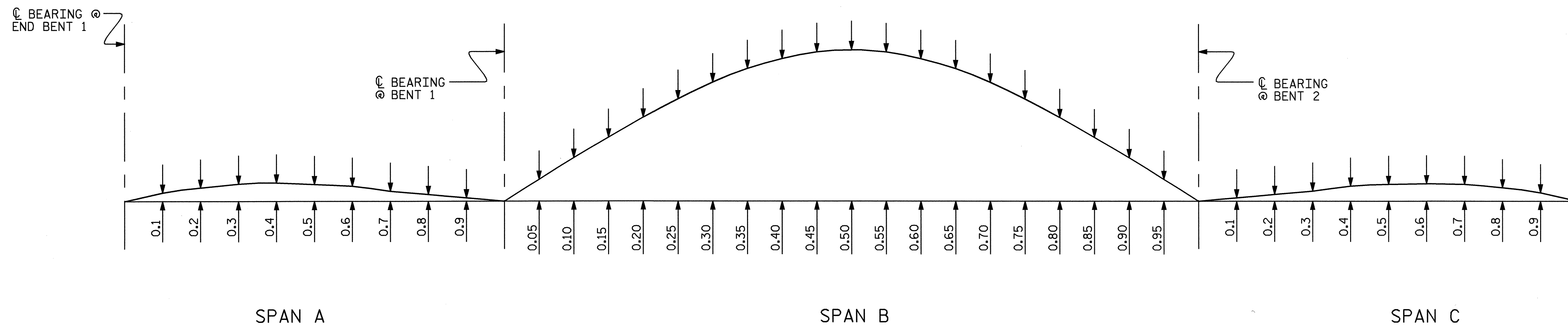
**NOTES:**

\* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.

ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

NEGATIVE DEFLECTIONS ARE UPWARDS, NEGATIVE CAMBERS ARE DOWNWARDS.

SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.



PROJECT NO. B-3681  
 NASH/EDGEcombe COUNTY  
 STATION: 18+89.64 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
DEAD LOAD DEFLECTIONS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-16
TOTAL SHEETS					36

DRAWN BY : A.M.KEETER DATE : 4/13/05  
 CHECKED BY : K.M.McCAULEY DATE : 4/13/05