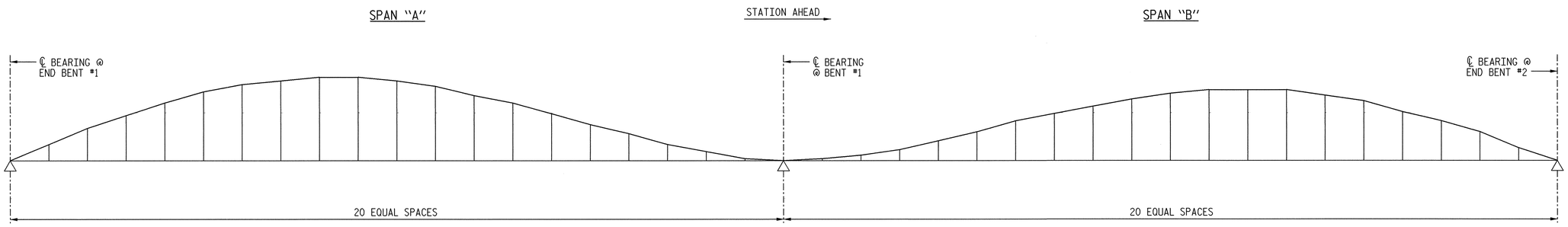

SCHEMATIC CAMBER ORDINATES

(SLOPE FOR ZERO BASELINE IS CONSTANT)

GIRDERS # 1 & #7	SPAN "A"																					SPAN "B"																						
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	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	.000	.002	.003	.005	.006	.007	.008	.008	.008	.008	.008	.007	.007	.006	.005	.004	.003	.002	.001	.000	.000	.000	.000	.001	.001	.002	.003	.004	.005	.006	.006	.007	.007	.007	.007	.007	.006	.005	.004	.003	.002	.000
DEFLECTION DUE TO WEIGHT OF SLAB *	.000	.005	.011	.015	.019	.023	.025	.027	.028	.027	.026	.025	.022	.019	.015	.012	.008	.005	.003	.001	.000	.000	.001	.002	.004	.007	.011	.014	.017	.020	.023	.025	.026	.026	.026	.024	.022	.019	.015	.010	.005	.000
DEFLECTION DUE TO WEIGHT OF RAILS	.000	.000	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.000	.000
TOTAL DEAD LOAD DEFLECTION	.000	.007	.015	.021	.026	.032	.035	.037	.038	.037	.036	.034	.031	.026	.021	.017	.012	.007	.004	.001	.000	.000	.001	.003	.005	.010	.015	.019	.023	.027	.031	.034	.035	.035	.035	.033	.030	.025	.020	.014	.007	.000
REQUIRED CAMBER	0	7	15	21	26	32	35	37	38	37	36	34	31	26	21	17	12	7	4	1	0	0	1	3	5	10	15	19	23	27	31	34	35	35	35	33	30	25	20	14	7	0

GIRDERS #2, #3, #5 & #6	SPAN "A"																					SPAN "B"																						
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	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	.000	.002	.003	.005	.006	.007	.008	.008	.008	.008	.008	.007	.007	.006	.005	.004	.003	.002	.001	.000	.000	.000	.000	.001	.001	.002	.003	.004	.005	.006	.006	.007	.007	.007	.007	.007	.006	.005	.004	.003	.002	.000
DEFLECTION DUE TO WEIGHT OF SLAB *	.000	.007	.013	.019	.024	.028	.031	.033	.034	.033	.032	.030	.027	.023	.019	.014	.010	.006	.003	.001	.000	.000	.001	.003	.006	.009	.013	.017	.021	.025	.028	.030	.032	.032	.031	.029	.026	.023	.018	.012	.006	.000
DEFLECTION DUE TO WEIGHT OF RAILS	.000	.000	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002	.001	.001	.001	.000	.000
TOTAL DEAD LOAD DEFLECTION	.000	.009	.016	.025	.031	.037	.041	.043	.044	.043	.042	.039	.036	.030	025	.019	.014	.008	.004	.001	.000	.000	.001	.004	.007	.011	.017	.022	.027	.032	.035	.039	.041	.041	.040	.038	.035	.029	.023	.016	.008	.000
REQUIRED CAMBER	0	9	16	25	31	37	41	43	44	43	42	39	36	30	25	19	14	8	4	1	0	0	1	4	7	11	17	22	27	32	35	39	41	41	40	38	35	29	23	16	8	0

GIRDER #4	SPAN "A"																					SPAN "B"																						
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	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	.000	.002	.003	.005	.006	.007	.008	.008	.008	.008	.008	.007	.007	.006	.005	.004	.003	.002	.001	.000	.000	.000	.000	.001	.001	.002	.003	.004	.005	.006	.006	.007	.007	.007	.007	.007	.006	.005	.004	.003	.002	.000
DEFLECTION DUE TO WEIGHT OF SLAB *	.000	.007	.013	.019	.024	.028	.031	.033	.034	.033	.032	.030	.027	.023	.019	.014	.010	.006	.003	.001	.000	.000	.001	.003	.006	.009	.013	.017	.021	.025	.028	.030	.032	.032	.031	.029	.026	.023	.018	.012	.006	.000
DEFLECTION DUE TO WEIGHT OF RAILS	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL DEAD LOAD DEFLECTION	.000	.009	.016	.021	.030	.035	.039	.041	.042	.041	.040	.037	.034	.029	.024	.018	.013	.008	.004	.001	.000	.000	.001	.004	.007	.011	.016	.021	.026	.031	.033	.037	.039	.039	.038	.036	.032	.028	.022	.015	.009	.000
REQUIRED CAMBER	0	9	16	21	30	35	39	41	42	41	40	37	34	29	24	18	13	8	4	1	0	0	1	4	7	11	16	21	26	31	33	37	39	39	38	36	32	28	22	15	9	0

*INCLUDES SLAB, BUILDUPS AND STAY-IN-PLACE FORMS.

REQUIRED CAMBER VALUES ARE SHOWN IN MILLIMETERS.

DEFLECTION VALUES ARE SHOWN IN METERS.

PROJECT NO. R-2552AB

JOHNSTON COUNTY

STATION: 52+34.693 -L- =
18+60.011 -Y2-

TRANSYSTEMS CORPORATION
75 Beattie Place, Suite 400
Greenville, SC 29601 (864) 234-0866

NORTH CAROLINA PROFESSIONAL SEAL 16335 ENGINEER DAVID B HOFF

3-5-05

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE DEAD LOAD DEFLECTION TABLES AND SCHEMATIC CAMBER ORDINATES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	3-413
1			3			TOTAL SHEETS
2			4			429

DRAWN BY : M.T. BELISLE DATE : 4/01
CHECKED BY : D.B. HOFF DATE : 12/01

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