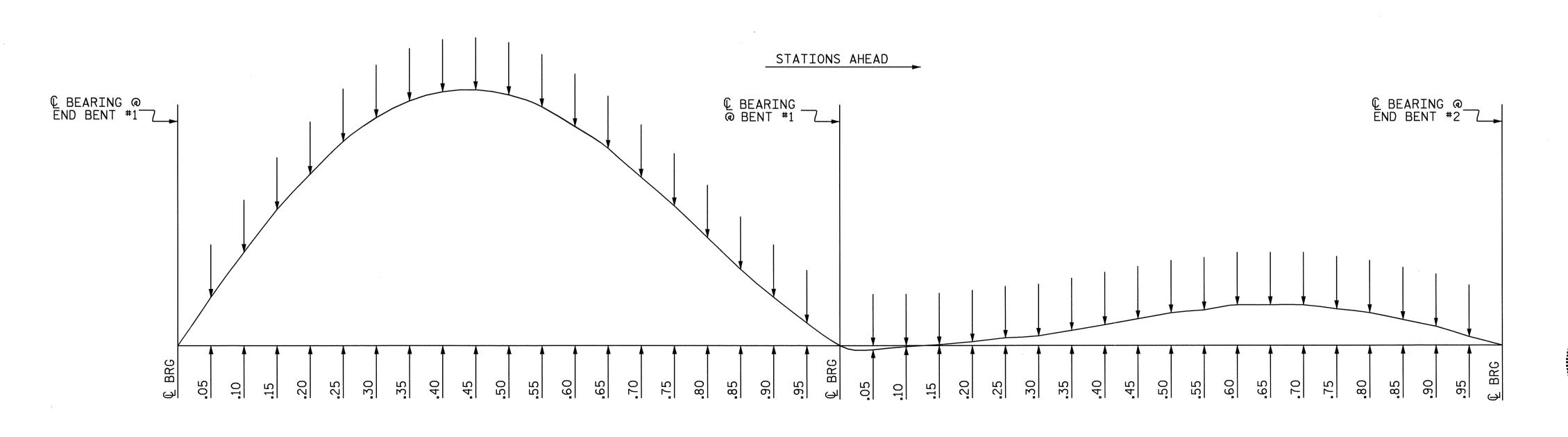
										D	ΕΔΓ)	OΑ	D [)F	FIF	СТ	ΤΟΙ	N T	AB	BI F	FO	R (GTR	DFF	RS																<u></u>		
		DEAD LOAD DEFLECTION TABLE FOR SPAN A													SPAN B																													
		GIRDER #1												•										G	IRDI	ĒR ‡	#1				, , , , , , , , , , , , , , , , , , , ,	<u> </u>												
TWENTIETH POINTS	€ BRG	.05	.10	.15	.20	.2	5 .30	.3!	5 .	.40	.45	. 50	. 55	.60) .	.65 .	70	.75	.80	.85	.90	. 95	€ BR	G .05	.10) .	.15	20 .:	25	.30	.35	.40	. 45	.50	.55	.60	6.6 ر	5 .70	0 .7	5 ,	.80	.85	.90	.95 € BI
DEFLECTION DUE TO WEIGHT OF STEEL	0.000	0.010	0.02	0.02	9 0.03	37 0.0	44 0.0	49 0.05	52 0.	.054	0.054	0.053	0.05	0.04	15 0.	040 0.0	034 0	.027	0.021	0.014	1 0.009	0.00	4 0.00	0-0.00	0.00	03-0.	.004-0.	004-0.	003-0	0.002-0	.001	0.000	0.002	0.003	0.004	10.00	0.00	J5 0.0°	0.0	05 0.	.005 0.	.004 (0.003	0.001 0.0
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.026	0.05	0.07	3 0.09	0.10	0.12	22 0.13	31 0.	.135 (0.136	0.132	0.12	5 0.11	4 0.	.101 0.0	085	.069	0.052	0.036	0.022	0.010	0.00	0-0.00	0.00	08-0.	.009-0.	009-0.	009-0	0.007-0	.004-	0.001	0.002	0.006	300.0	3 0.01	1 0.0	12 0.0	12 0.0)12 0,	.011 0	.009 (0.007	0.003 0.00
DEFLECTION DUE TO COMPOSITE DEAD LOAD	0.000	0.006	0.0	0.01	6 0.02	20 0.0	24 0.0	27 0.02	29 0.	.030	.030	0.029	0.02	8 0.02	25 0.	023 0.0	019 C	0.016	0.012	0.008	0.005	0.00	2 0.00	0-0.0	0.00	0.	002 0.0	0.0	002 -0	0.0010	.000	0.000	0.001	0.002	0.002	2 0.00	0.00	33 0.0	0.0	03 0.	.003 0	.002 (0.002	0.001 0.00
TOTAL DEAD LOAD DEFLECTION	0.000	0.042	0.0	31 0.11	8 0.14	9 0.1	77 0.19	8 0.2	12 0.	.219	.220	0.214	0.20	3 0.18	4 0.	164 0.	138 0	0.112	0.085	0.058	0.036	0.01	6 0.00	0-0.00	0.00	09-0	0.011 -0.	.011-0.	010-0	0 . 010-0	.005-	0.001	0.005	0.011	0.014	0.01	.9 0.07	20 0.0	21 0.0	20 0.	.019 0	0.015	0.012	0.005 0.00
VERTICAL CURVE ORDINATE	0.000	0.008	0.0	.4 0.02	0 0.02	25 0.0	30 0.0	33 0.03	36 0.	.038 (0.039	0.040	0.03	9 0.03	88 0.	036 0.0	033 0	.030	0.025	0.020	0.014	0.00	8 0.00	0.00	4 0.00	0.0	.012 0.0	015 0.0	018 0	.020 0	.021 (0.023	0.023	0.023	0.023	3 0.02	23 0.01	21 0.0	20 0.0	18 0.	.015 0	0.012	0.008	0.004 0.00
REQUIRED CAMBER	0	50	95	138	174	1 20	7 23	1 24	8 2	257	259	254	242	222	2 2	200 1	71	142	110	78	50	24	0	-4	-1		1	4	В	10	16	22	28	34	37	42	41	1 41	1 38	8	34	27	20	9 C
							· · · · · · · · · · · · · · · · · · ·			•	SF	PAN	Α		; ' ·							•							1 1 1		1	1		SPA	N B	,								
							· · · · · · · · · · · · · · · · · · ·		G	IRD	ER	#2	THR	<u>U</u> #!	5									GIRDER #2 THRU #5																				
TWENTIETH POINTS	€ BRG	.05	.10	.15	.20	.2	5 .3) .3!	5 .	.40	.45	.50	. 55	.60) .	.65 .	70	.75	.80	.85	.90	.95	€ BR	G .05	.10) .	.15	20 .:	25	.30	.35	.40	.45	. 50	. 55	.60) <u>.</u> 6	5 .70	0 .7	75 ,	.80	.85	.90	.95 € BI
DEFLECTION DUE TO WEIGHT OF STEEL	0.000	0.010	0.02	20 0.02	9 0.03	37 0.0	44 0.0	49 0.05	52 0.	.054	0.054	0.053	0.05	0 0.04	15 0.	040 0.0	034 0	0.027	0.021	0.014	1 0.009	0.00	4 0.00	0-0.00	0.00	03-0	.004-0.	004-0.	003-0	0.002-0	.001	0.000	0.002	0.003	0.004	4 0.0C)5 0.0(0.0	06 0.0	05 0.	.005 0	.004 (0.003	0.001 0.0
DEFLECTION DUE TO WEIGHT OF SLAB *																																												0.003 0.00
DEFLECTION DUE TO COMPOSITE DEAD LOAD	0.000	0.006	0.0	1 0.01	6 0.02	20 0.0	24 0.0	27 0.02	29 0.	.030				8 0.02	- 1		019 0	0.016	0.012	0.008	8 0.005	0.00	2 0.00	0-0.0	0.00	02-0	.002-0.	002-0.	002-0	0.0010	.000	0.000	0.001	0.002	0.002	2 0.00)3 0.0(0.0	03 0.0	03 0.	.003 0	002 (0.002	0.001 0.00
TOTAL DEAD LOAD DEFLECTION																																												0.005 0.00
VERTICAL CURVE ORDINATE																																												0.004 0.00
REQUIRED CAMBER	0	47	90	130	165	5 19	6 21	3 23	4 2	243				210) 1	.89 1	52	135	105	75	48	23	0	-3	-4		-2	0	5	11	16	23	28	33	37		40) 40	0 37	7 .	33	26	19	9 0
		SPAN A													SPAN B																													
		GIRDER #6														GIRDER #6																												
TWENTIETH POINTS	€ BRG	.05	.10	.15	.20	2 .2	5 .3) <u>.</u> 3!	5 .	.40	.45	. 50	.55	.60) .	.65 .	70	.75	.80	.85	.90	.95	€ BR	.O5	.10) .	.15	20 .:	25	.30	.35	.40	.45	. 50	.55	.60) .6'	5 .7	0 .7	75 .	.80	.85	. 90	.95 € BI
DEFLECTION DUE TO WEIGHT OF STEEL																																												0.001 0.00
DEFLECTION DUE TO WEIGHT OF SLAB *																																												0.003 0.00
DEFLECTION DUE TO COMPOSITE DEAD LOAD																																												0.001 0.00
TOTAL DEAD LOAD DEFLECTION																																												0.005 0.00
VERTICAL CURVE ORDINATE	0.000	0.008	0.0	.4 0.02	0.02	25 0.0	30 0.0	33 0.0	36 0.	.038	0.039	0.040	0.03	9 0.03	38 0.	036 0.0	033	0.030	0.025	0.020	0.014	0.00	8 0.00	0.00	4 0.00	0.80	.012 0.	015 0.	018	.020 0	.021	0.023	0.023	0.023	0.023	3 0.02	23 0.0	21 0.0	20 0.0)18 0,	.015 0).012	0.008	0.004 0.00
REQUIRED CAMBER	0	50	96	139	176	5 20	9 23	3 25	0 2	260	262	257	244	224	4 2	202 1	73	143	111	79	50	24	0	-4	-5	;	6	9	4	10	16	22	29	34	38	42	. 41	4:	2 3'	8 3	34	27	20	9 C

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.



PROJECT NO. R-2911A

IREDELL COUNTY

STATION: 39+62.402-L-

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

DEAD LOAD DEFLECTION

TABLES

LEFT LANE

REVISIONS

NO. BY: DATE: NO. BY: DATE:

SHEET NO. S-12

TOTAL SHEETS

106

SPAN A

SCHEMATIC CAMBER ORDINATES

SPAN B

SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

DRAWN BY: L.L. MURPHY DATE: 02-04
CHECKED BY: D. HODGE DATE: 02-04

SEAL * 20125