			— [	DEAD	LO	AD D	EFLE	CTI	ON T	ABL	E F0	R G	ERDE	RS								
		SPAN A																				
		GIRDERS G1-G5																				
TWENTIETH POINTS		0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
DEFLECTION DUE TO WEIGHT OF STEEL	•	0	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	0
* DEFLECTION DUE TO WEIGHT OF SLAB	•	0	.001	.002	.003	.004	.005	.005	.006	.006	.006	.006	.006	.006	.006	.005	.005	.004	.003	.002	.001	0
DEFLECTION DUE TO WEIGHT OF RAIL	¥	0	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	0
TOTAL DEAD LOAD DEFLECTION	¥	0	.001	.002	.005	.006	.007	.007	.008	.008	.008	.008	.008	.008	.008	.007	.007	.006	.005	.002	.001	0
VERTICAL CURVE ORDINATE	<b>≜</b>	0	.002	.005	.007	.008	.010	.011	.012	.012	.013	.013	.013	.012	.012	.011	.010	.008	.007	.005	.002	0
SUPERELEVATION ORDINATE		0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0
REQUIRED CAMBER	<b>≜</b>	0	<sup>1</sup> ⁄16"	<sup>1</sup> ⁄16"	1⁄8"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	<sup>1</sup> ⁄4"	1⁄4"	¹⁄₄"	¹∕₄"	<sup>1</sup> ⁄4"	¹⁄₄"	¹⁄₄"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	3⁄16"	1⁄8"	<sup>1</sup> ⁄16"	<sup>1</sup> ⁄16"	0

\* 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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
		SPAN B																				
		GIRDERS G1-G5 (0 THRU .500)																				
FORTIETH POINTS		0	.025	.050	.075	.100	.125	.150	.175	.200	.225	.250	.275	.300	.325	.350	.375	.400	.425	.450	.475	.500
DEFLECTION DUE TO WEIGHT OF STEEL	•	0	.010	.021	.031	.041	.050	.059	.068	.077	.085	.092	.099	.105	.111	.115	.120	.123	.126	.128	.129	.129
* DEFLECTION DUE TO WEIGHT OF SLAB	•	0	.019	.046	.074	.100	.126	.152	.176	.198	.220	.240	.258	.275	.290	.303	.314	.324	.331	.336	.339	.340
DEFLECTION DUE TO WEIGHT OF RAIL	•	0	.007	.014	.022	.029	.035	.042	.048	.054	.060	.065	.070	.074	.078	.081	.084	.087	.088	.090	.091	.091
TOTAL DEAD LOAD DEFLECTION	•	0	.036	.081	.127	.170	.211	.253	.292	.329	.365	.397	.427	.454	.479	.499	.518	.534	.545	.554	.559	.560
VERTICAL CURVE ORDINATE	4	0	.012	.024	.035	.046	.056	.065	.074	.082	.089	.096	.102	.107	.112	.116	.120	.123	.125	.126	.127	.128
SUPERELEVATION ORDINATE	<b>≜</b>	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
REQUIRED CAMBER	<b>♦</b>	0	<sup>9</sup> ⁄16"	1¼"	1 <sup>15</sup> ⁄16"	2 <sup>5</sup> ⁄8"	3¼"	3 <sup>13</sup> ⁄16"	4½6"	4 <sup>15</sup> ⁄ <sub>16</sub> "	5½"	5 <sup>15</sup> ⁄16"	6 <sup>3</sup> ⁄8"	6¾"	7 <sup>1</sup> ⁄8"	7 <sup>7⁄</sup> 16"	7 <sup>11</sup> ⁄16"	7 <sup>15</sup> ⁄ <sub>16</sub> "	8½16"	8 <sup>3</sup> ⁄16"	8¼"	8 <sup>5</sup> ⁄16"
		SPAN B																				
									GIRD	ERS (	G1-G5	(.50	00 TH	RU 1.	000)							
FORTIETH POINTS		.500	.525	.550	.575	.600	.625	.650	.675	.700	.725	.750	.775	.800	.825	.850	.875	.900	.925	.950	.975	1.00
DEFLECTION DUE TO WEIGHT OF STEEL	•	.129	.129	.128	.126	.123	.120	.115	.111	.105	.099	.092	.085	.077	.068	.059	.050	.041	.031	.021	.010	0
* DEFLECTION DUE TO WEIGHT OF SLAB	▼	.340	.339	.336	.331	.324	.314	.303	.290	.275	.258	.240	.220	.198	.176	.152	.126	.100	.074	.046	.019	0
DEFLECTION DUE TO WEIGHT OF RAIL	•	.091	.091	.090	.088	.087	.084	.081	.078	.074	.070	.065	.060	.054	.048	.042	.035	.029	.022	.014	.007	0
TOTAL DEAD LOAD DEFLECTION	•	.560	.559	.554	.545	.534	.518	.499	.479	.454	.427	.397	.365	.329	.292	.253	.211	.170	.127	.081	.036	0
VERTICAL CURVE ORDINATE	Å	.128	.127	.126	.125	.123	.120	.116	.112	.107	.102	.096	.089	.082	.074	.065	.056	.046	.035	.024	.012	0
SUPERELEVATION ORDINATE	<b>▲</b>	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0
REQUIRED CAMBER	¥	8 <sup>5</sup> ⁄16"	8¼"	8 <sup>3</sup> ⁄16"	8½16"	7 <sup>15</sup> ⁄16"	7 <sup>11</sup> ⁄16"	7 <sup>7⁄</sup> 16"	7½"	6¾"	6 <sup>3</sup> ⁄8"	5 <sup>15</sup> ⁄16"	5½"	4 <sup>15</sup> ⁄16"	4½6"	3 <sup>3</sup> ⁄16"	2 <sup>11</sup> ⁄16"	2 <sup>5</sup> ⁄8"	1 <sup>15</sup> ⁄16"	1¼"	<sup>9</sup> ⁄16"	0
* INCLUDES SLAB. BUILDUPS & STAY-IN-PLACE FORMS.																						

\* 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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
		SPAN C																				
		GIRDERS G1-G5																				
TWENTIETH POINTS		0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
DEFLECTION DUE TO WEIGHT OF STEEL	¥	0	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	0
* DEFLECTION DUE TO WEIGHT OF SLAB	¥	0	.001	.002	.003	.004	.005	.005	.006	.006	.006	.006	.006	.006	.006	.005	.005	.004	.003	.002	.001	0
DEFLECTION DUE TO WEIGHT OF RAIL	¥	0	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	0
TOTAL DEAD LOAD DEFLECTION	¥	0	.001	.002	.005	.006	.007	.007	.008	.008	.008	.008	.008	.008	.008	.007	.007	.006	.005	.002	.001	0
VERTICAL CURVE ORDINATE	•	0	.002	.005	.007	.008	.010	.011	.012	.012	.013	.013	.013	.012	.012	.011	.010	.008	.007	.005	.002	0
SUPERELEVATION ORDINATE	•	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0
REQUIRED CAMBER	<b>↓</b>	0	<sup>1</sup> ⁄16"	<sup>1</sup> ⁄16"	<sup>1</sup> ⁄8"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	<sup>1</sup> ⁄4"	1⁄4"	<sup>1</sup> ⁄4"	1⁄4"	<sup>1</sup> ⁄4"	<sup>1</sup> ⁄4"	¼ <b>"</b>	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄16"	¹∕ <sub>8</sub> "	<sup>1</sup> ⁄16"	<sup>1</sup> ⁄16"	0

\* 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).

2 V						
17	DRAWN BY :	T.	BANKOVI	-	DATE :	12-22
	CHECKED BY :		J.A. BATT		DATE :	12-22
	DESIGN ENGIN	EER OF REC	ORD: J.A	A. BATTS	DATE :	12-22



LICENSURE NO.C

		PROJECT DA\ STATION	/IDSON		COUNTY
		DEPARTI	STATE OF NORT MENT OF T RALEI SUPERSTE		
Dillard Drive, Suite 200 Cary, NC 27518	CAROL CAROL SECAL SECAL 18056		LOAD I GIRDE		
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