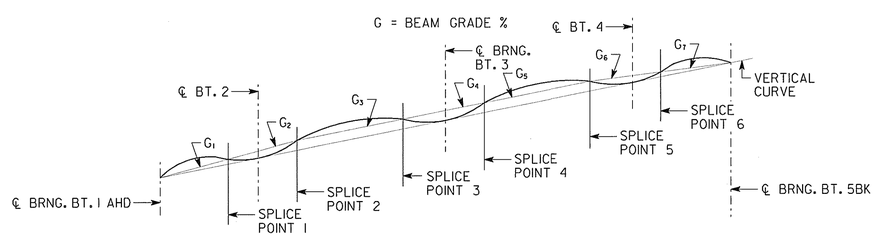
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSMSL-0009-00(159)	146	277

DEAD LOAD DEFLECTIONS (NEW BEAMS)				
POINT	BEAM	SLAB & COPING	COMP	TOTAL
1.1	0.008	0.094	0.012	0.114
1.2	0.015	0.172	0.023	0.210
1.3	0.018	0.224	0.029	0.270
1.4	0.019	0.244	0.031	0.294
1.5	0.016	0.231	0.029	0.275
1.6	0.010	0.188	0.022	0.220
1.7	0.004	0.122	0.013	0.139
1.8	-0.002	0.049	0.003	0.050
1.9	-0.004	0.000	-0.004	-0.008
POINT	BEAM	SLAB & COPING	COMP	TOTAL
2.1	0.021	0.124	0.033	0.177
2.2	0.051	0.326	0.076	0.453
2.3	0.078	0.527	0.112	0.717
2.4	0.095	0.673	0.134	0.902
2.5	0.098	0.727	0.139	0.964
2.6	0.087	0.675	0.126	0.887
2.7	0.064	0.527	0.096	0.687
2.8	0.036	0.318	0.057	0.411
2.9	0.012	0.115	0.019	0.146

DEAD LOAD DEFLECTIONS (NEW BEAMS)				
POINT	BEAM	SLAB & COPING	COMP	TOTAL
3.1	0.008	0.022	0.015	0.045
3.2	0.030	0.133	0.050	0.213
3.3	0.055	0.275	0.085	0.415
3.4	0.075	0.395	0.112	0.582
3.5	0.085	0.453	0.124	0.662
3.6	0.081	0.431	0.119	0.631
3.7	0.065	0.335	0.097	0.497
3.8	0.041	0.194	0.063	0.298
3.9	0.016	0.059	0.024	0.099
POINT	BEAM	SLAB & COPING	COMP	TOTAL
4.1	0.001	0.048	0.004	0.053
4.2	0.010	0.150	0.019	0.179
4.3	0.021	0.274	0.037	0.332
4.4	0.033	0.380	0.052	0.465
4.5	0.041	0.446	0.062	0.549
4.6	0.044	0.458	0.065	0.567
4.7	0.041	0.414	0.059	0.514
4.8	0.032	0.315	0.044	0.391
4.9	0.017	0.170	0.024	0.211



TURN NATURAL CAMBER UP IN SEGMENTS 1, 3, 5 AND 7.
TURN NATURAL CAMBER DOWN IN SEGMENTS 2, 4 AND 6.

BEAM GRADE AND CAMBER ORDINATE DIAGRAM

BEAM SEGMENT CAMBER GRADES							
BEAM	G1	G2	G3	G4	G5	G6	G7
1 - 3	2.3299%	2.4030%	2.3251%	2.2478%	2.3357%	2.2923%	2.2875%

BRIDGE NO. 1

ARCADIS
2849 PACES FERRY ROAD, SUITE 400
ATLANTA, GEORGIA 30339
TEL: 770/431-8666 FAX: 770/435-2666

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

CAMBER DETAILS - CONTINUOUS UNIT
SR 9 (ROSWELL ROAD) OVER I-285
FULTON COUNTY △ CSMSL-0009-00(159)

REVISIONS			DATE
BY	PROJ. & SHEET NOS.		02/14/11
JPT			

SCALE: NO SCALE AUGUST 2010

DRAWING NO. 35-10
BRIDGE SHEET 10 OF 18

DESIGNED JPT CHECKED JMA REVIEWED WMD/WEI
DRAWN MLF DESIGN GROUP X APPROVED PVL

1 INCH WHEN PRINTED FULL SIZE

X.DGN

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