

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPANS A, C, & D										
	GIRDERS 1 & 4										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.054	0.102	0.140	0.164	0.172	0.164	0.140	0.102	0.054	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.031	0.061	0.085	0.100	0.106	0.100	0.085	0.061	0.031	0.000
FINAL CAMBER ↑	0	1/4	1/2	11/16	3/4	13/16	3/4	11/16	1/2	1/4	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPANS A, C, & D										
	GIRDERS 2 & 3										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.054	0.102	0.140	0.164	0.172	0.164	0.140	0.102	0.054	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.034	0.067	0.093	0.109	0.115	0.109	0.093	0.067	0.034	0.000
FINAL CAMBER ↑	0	1/4	7/16	9/16	11/16	11/16	11/16	9/16	7/16	1/4	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPAN B										
	GIRDERS 1 & 4										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.018	0.035	0.047	0.056	0.058	0.056	0.047	0.035	0.018	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.006	0.012	0.017	0.020	0.021	0.020	0.017	0.012	0.006	0.000
FINAL CAMBER ↑	0	1/8	1/4	3/8	7/16	7/16	7/16	3/8	1/4	1/8	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPAN B										
	GIRDERS 2 & 3										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.018	0.035	0.047	0.056	0.058	0.056	0.047	0.035	0.018	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.007	0.013	0.019	0.022	0.023	0.022	0.019	0.013	0.007	0.000
FINAL CAMBER ↑	0	1/8	1/4	5/16	3/8	7/16	3/8	5/16	1/4	1/8	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPAN E & F										
	GIRDERS 1 & 4										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.021	0.039	0.054	0.063	0.066	0.063	0.054	0.039	0.021	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.011	0.023	0.032	0.037	0.039	0.037	0.032	0.023	0.011	0.000
FINAL CAMBER ↑	0	1/8	3/16	1/4	5/16	5/16	5/16	1/4	3/16	1/8	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" DIA. LOW-RELAXATION	SPAN E & F										
	GIRDERS 2 & 3										
TENTH POINTS	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.021	0.039	0.054	0.063	0.066	0.063	0.054	0.039	0.021	0.000
* DEFLECTION DUE TO SUPERIMPOSED DL ↓	0.000	0.012	0.025	0.035	0.041	0.043	0.041	0.035	0.025	0.012	0.000
FINAL CAMBER ↑	0	1/8	3/16	1/4	1/4	1/4	1/4	1/4	3/16	1/8	0

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

DATE: 11/12/2015
TIME: 9:25:01 AM

USER: N:\a\engr\p\...
DGN: R:\BTR\Proj\656\Cond\40_U-2707_SML_S22_DL.dgn

DRAWN BY : MKT DATE : 11/2015
CHECKED BY : JCM DATE : 11/2015

PROJECT NO. U-2707
FORSYTH COUNTY
STATION: 90+25.00 -L-

BRIDGE NO. 656

AECOM
AECOM TECHNICAL SERVICES, INC.
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AECOM License No. F-0342

NORTH CAROLINA
PROFESSIONAL SEAL
11/04/2015
John C. Morrison
ENGINEER
JOHN C. MORRISON

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
DEAD LOAD DEFLECTIONS

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SHEET NO.
S-22
TOTAL SHEETS
86