

p:\gfn\p-w\ben\p-w\01\Documents\Projects\63639\Task 010 B-4626\Discipline\Struct\DN\Rowan 3\Archives\Delete\401_089_B4626_SMU_DL08_790003_043
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UNIT 3 (SPAN "I")											
GIRDER 4											
10TH POINTS	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.004	-0.008	-0.010	-0.011	-0.011	-0.010	-0.007	-0.005	-0.002	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.015	-0.028	-0.038	-0.043	-0.042	-0.037	-0.029	-0.018	-0.007	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.005	-0.009	-0.012	-0.014	-0.014	-0.012	-0.009	-0.006	-0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.024	-0.045	-0.060	-0.068	-0.067	-0.059	-0.045	-0.029	-0.011	0.000
REQUIRED CAMBER	0"	5/16"	9/16"	3/4"	13/16"	13/16"	11/16"	9/16"	3/8"	1/8"	0"

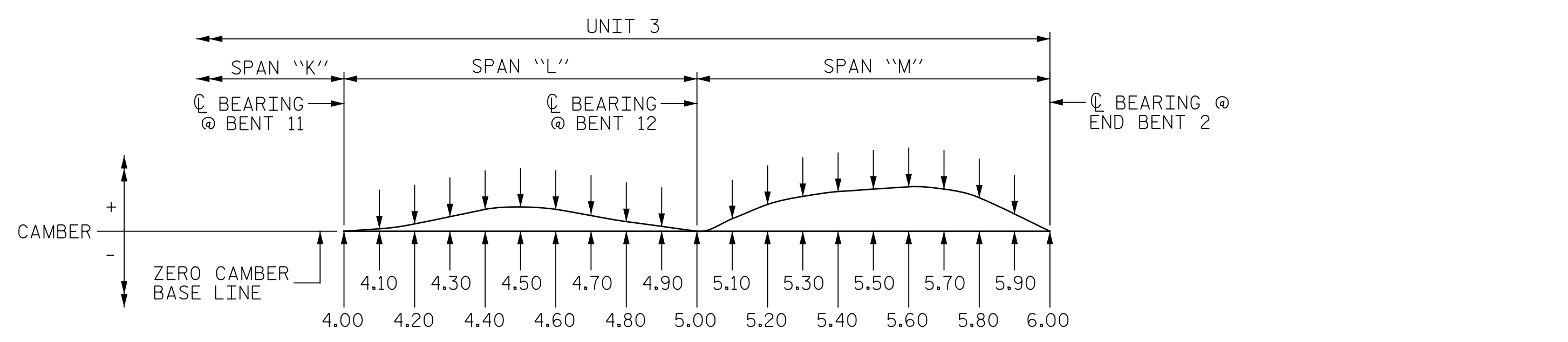
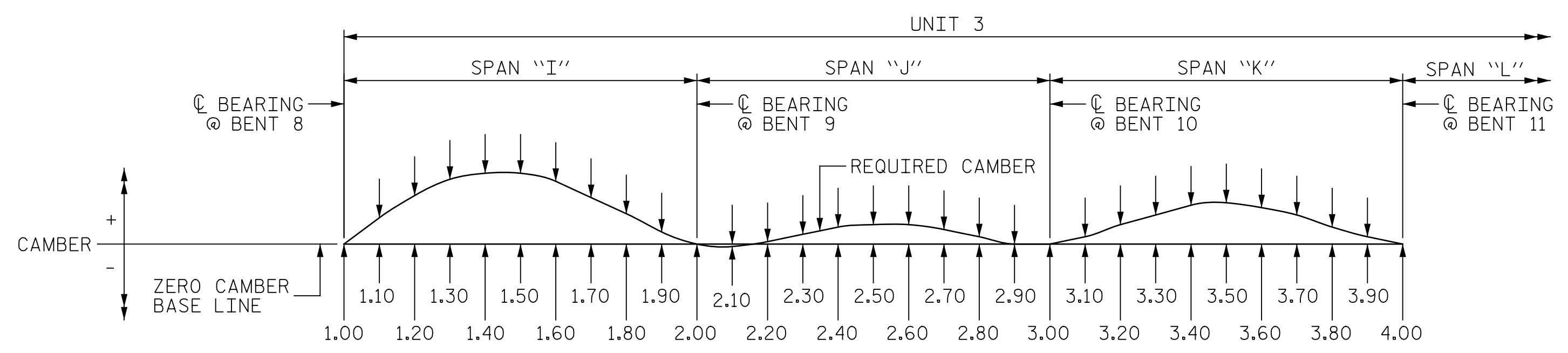
UNIT 3 (SPAN "J")											
GIRDER 4											
10TH POINTS	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.000	0.000	-0.002	-0.002	-0.003	-0.003	-0.002	-0.001	0.000	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.002	0.000	-0.003	-0.006	-0.007	-0.006	-0.004	-0.001	0.001	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.003	-0.003	-0.001	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.002	-0.001	-0.007	-0.011	-0.014	-0.012	-0.009	-0.003	0.001	0.000
REQUIRED CAMBER	0"	0"	0"	1/16"	1/8"	3/16"	1/8"	1/8"	1/16"	0"	0"

UNIT 3 (SPAN "K")											
GIRDER 4											
10TH POINTS	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.001	-0.003	-0.005	-0.006	-0.006	-0.006	-0.005	-0.003	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.008	-0.018	-0.029	-0.036	-0.038	-0.035	-0.027	-0.016	-0.006	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.001	-0.004	-0.006	-0.007	-0.008	-0.007	-0.006	-0.004	-0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.010	-0.025	-0.040	-0.049	-0.052	-0.048	-0.038	-0.023	-0.009	0.000
REQUIRED CAMBER	0"	1/8"	5/16"	1/2"	9/16"	5/8"	9/16"	7/16"	1/4"	1/8"	0"

UNIT 3 (SPAN "L")											
GIRDER 4											
10TH POINTS	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	5.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.001	-0.007	-0.014	-0.019	-0.020	-0.018	-0.012	-0.005	0.000	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	-0.001	-0.001	-0.002	-0.001	-0.001	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.001	-0.007	-0.016	-0.021	-0.023	-0.020	-0.014	-0.005	0.000	0.000
REQUIRED CAMBER	0"	0"	1/16"	3/16"	1/4"	1/4"	1/4"	3/16"	1/16"	0"	0"

UNIT 3 (SPAN "M")											
GIRDER 4											
10TH POINTS	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.001	-0.002	-0.004	-0.005	-0.005	-0.005	-0.005	-0.004	-0.002	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.009	-0.023	-0.038	-0.050	-0.057	-0.058	-0.052	-0.039	-0.021	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.001	-0.003	-0.005	-0.006	-0.007	-0.007	-0.006	-0.005	-0.002	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.011	-0.028	-0.047	-0.061	-0.069	-0.070	-0.063	-0.048	-0.025	0.000
REQUIRED CAMBER	0"	1/8"	5/16"	9/16"	3/4"	13/16"	13/16"	3/4"	9/16"	5/16"	0"

* = INCLUDES SLAB, BUILDUPS, & S.I.P. FORMS



NOTES

VALUES GIVEN ARE AT TENTH POINTS BETWEEN CENTERLINE OF BEARINGS.
 DEFLECTIONS AND ORDINATES ARE IN FEET (DECIMAL FORM).
 REQUIRED CAMBER VALUES ARE IN INCHES (FRACTION FORM).
 DOWNWARD DEFLECTION IF INDICATED WITH A "-" SIGN.

PROJECT NO. B-4626
STANLY, ROWAN
AND DAVIDSON COUNTY
 STATION: 45+22.65 -EBL-

SHEET 8 OF 9



DocuSigned by:
 Eric B. Nelson
 9/2/2021

PLANS PREPARED BY:
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
DEAD LOAD DEFLECTION AND CAMBER ORDINATES UNIT 3 GIRDER 4					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S1-43				
TOTAL SHEETS 125				

DRAWN BY : T. FORD DATE : 04/2021
 CHECKED BY : J. FARNHAM DATE : 05/2021
 DESIGN ENGINEER OF RECORD: R. NELSON DATE : 05/2021