

DECK POUR SEQUENCING DEAD LOAD DEFLECTION TABLE FOR GIRDER 4

THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO DECK POUR #1 *	0.000	-0.005	-0.007	-0.007	-0.002	0.006	0.053	0.101	0.151	0.203	0.253	0.298	0.336	0.366	0.386	0.395	0.394	0.381	0.357	0.324	0.283	0.236	0.185	0.133	0.083	0.037	-0.001	-0.008	-0.011	-0.009	0.000
DEFLECTION DUE TO DECK POUR #2 *	0.000	-0.005	-0.007	-0.008	-0.002	0.006	0.053	0.101	0.151	0.203	0.254	0.299	0.337	0.367	0.388	0.397	0.396	0.383	0.360	0.327	0.286	0.239	0.188	0.135	0.086	0.039	0.000	-0.005	-0.007	-0.006	0.000
DEFLECTION DUE TO DECK POUR #3	0.000	-0.017	-0.026	-0.027	-0.013	0.010	0.106	0.205	0.313	0.423	0.528	0.624	0.705	0.768	0.811	0.831	0.829	0.802	0.753	0.684	0.598	0.499	0.391	0.281	0.175	0.078	-0.001	-0.018	-0.024	-0.019	0.000
DEFLECTION DUE TO REMOVAL OF TEMPORARY BENTS **	0.000	0.749	1.470	2.172	2.846	3.493	4.096	4.664	5.166	5.622	6.015	6.340	6.594	6.771	6.872	6.892	6.835	6.696	6.479	6.187	5.830	5.408	4.931	4.410	3.847	3.247	2.620	1.978	1.327	0.671	0.000

DECK POUR SEQUENCING DEAD LOAD DEFLECTION TABLE FOR GIRDER 5

THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO DECK POUR #1 *	0.000	-0.001	-0.001	-0.002	0.001	0.005	0.036	0.065	0.096	0.128	0.159	0.186	0.210	0.228	0.240	0.245	0.244	0.236	0.222	0.202	0.177	0.148	0.116	0.084	0.052	0.024	0.002	-0.005	-0.007	-0.006	0.000
DEFLECTION DUE TO DECK POUR #2 *	0.000	-0.001	-0.002	-0.002	0.001	0.005	0.036	0.066	0.097	0.130	0.161	0.189	0.213	0.232	0.244	0.250	0.250	0.242	0.228	0.208	0.183	0.154	0.122	0.089	0.057	0.028	0.004	-0.002	-0.003	-0.002	0.000
DEFLECTION DUE TO DECK POUR #3	0.000	-0.013	-0.020	-0.021	-0.010	0.010	0.087	0.166	0.252	0.339	0.423	0.498	0.561	0.610	0.643	0.658	0.654	0.633	0.594	0.540	0.472	0.394	0.310	0.223	0.138	0.064	0.005	-0.014	-0.019	-0.015	0.000
DEFLECTION DUE TO REMOVAL OF TEMPORARY BENTS **	0.000	0.605	1.185	1.741	2.272	2.772	3.242	3.678	4.066	4.413	4.711	4.955	5.144	5.274	5.345	5.357	5.308	5.201	5.035	4.815	4.542	4.222	3.859	3.455	3.017	2.554	2.068	1.564	1.052	0.533	0.000

DECK POUR SEQUENCING DEAD LOAD DEFLECTION TABLE FOR GIRDER 6

THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO DECK POUR #1 *	0.000	-0.002	-0.003	-0.004	0.000	0.007	0.040	0.073	0.111	0.148	0.183	0.215	0.241	0.262	0.275	0.280	0.278	0.268	0.251	0.227	0.198	0.164	0.128	0.091	0.059	0.026	0.000	-0.005	-0.007	-0.005	0.000
DEFLECTION DUE TO DECK POUR #2 *	0.000	-0.002	-0.003	-0.004	0.000	0.007	0.040	0.074	0.112	0.151	0.187	0.219	0.247	0.268	0.282	0.288	0.286	0.277	0.260	0.236	0.207	0.173	0.137	0.099	0.065	0.030	0.001	-0.003	-0.004	-0.003	0.000
DEFLECTION DUE TO DECK POUR #3	0.000	-0.012	-0.018	-0.019	-0.009	0.013	0.084	0.160	0.243	0.327	0.406	0.477	0.536	0.582	0.611	0.624	0.620	0.599	0.561	0.508	0.443	0.369	0.289	0.207	0.130	0.058	0.001	-0.012	-0.015	-0.011	0.000
DEFLECTION DUE TO REMOVAL OF TEMPORARY BENTS **	0.000	0.454	0.882	1.292	1.680	2.049	2.395	2.717	3.007	3.268	3.490	3.676	3.820	3.924	3.983	4.000	3.971	3.901	3.787	3.633	3.438	3.207	2.944	2.651	2.332	1.984	1.616	1.231	0.831	0.422	0.000

* THE DEFLECTIONS CAUSED BY THE EXPANSION JOINT CLOSURE POUR (POUR #4), ARE INCLUDED IN THE VALUES SHOWN FOR POURS #1 & #2.

** TEMPORARY BENTS ARE NOT TO BE REMOVED UNTIL ALL DECK CONCRETE HAS REACHED THE SPECIFIED 28-DAY COMPRESSIVE STRENGTH. THIS VALUE DOES NOT ACCOUNT FOR ANY ADDITIONAL DEFLECTION CAUSED BY COMPOSITE DEAD LOAD.

NOTES:

ALL DECK POURS INCLUDE THE WEIGHT OF GIRDERS, ALL OTHER STRUCTURAL STEEL COMPONENTS, SAND-LIGHTWEIGHT CONCRETE SLAB, BUILD-UP, STAY-IN-PLACE METAL FORMS, AND ADDITIONAL UNIFORM CONSTRUCTION LOAD (10 PSF).

THIRTIETH POINTS SHOWN ARE MEASURED ALONG C GIRDER AND ARE GIVEN BETWEEN C BEARINGS.

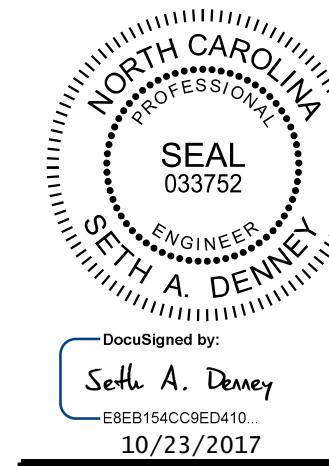
ALL VALUES ARE SHOWN IN INCHES.

FOR POUR SEQUENCE, SEE "SUPERSTRUCTURE BILL OF MATERIALS" SHEET 2 OF 2.

FOR ADDITIONAL INFORMATION REGARDING GIRDER ERECTION AND CONSTRUCTION SEQUENCING, SEE "GIRDER ERECTION DETAILS" SHEETS.

PROJECT NO. U-5806
CABARRUS COUNTY
 STATION: 15+75.56 -Y1-
27+06.95 -L-

SHEET 2 OF 2



Kimley»Horn
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601-1772
 Phone (919) 677-2000
 NC LICENSE # F-0102

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 DEAD LOAD DEFLECTIONS
 DUE TO SLAB POURS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-10
1			3			TOTAL SHEETS
2			4			50

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10/23/2017 K:\B01-Structures\Bridges\NC\01036388 - U-5806 Final Design\Cad\Drawn\010_U-5806_CS-DL02.dgn

DRAWN BY: D. D. LOWERY DATE: 10/17
 CHECKED BY: A. L. PHILLIPS DATE: 10/17
 DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 10/17