



**AS - BUILT**  
 DATE FB. NO. PAGE  
 Nov. 14/77

**SOUTH BRIDGE DECK ELEVATIONS AND DEAD LOAD DEFLECTIONS (FOR DECK ELEVATIONS SEE ELEVATION CHARTS 1-8)**

LOCATION	PIER 3	.1	.2	SPLICE	.3	.4	.5	.6	.7	SPLICE	.8	.9	PIER 4	.1	.2	SPLICE	.3	.4	.5	.6	.7	.8	.9	E. ABUT.	
DECK ELEVATION GIRDER 3	FLANGE 'A'	772.95	772.89	772.81	772.76	772.71	772.62	772.52	772.42	772.32	772.29	772.23	772.13	772.03	771.96	771.88	771.82	771.81	771.73	771.66	771.58	771.51	771.43	771.36	771.28
	FLANGE 'B'	772.75	772.69	772.61	772.56	772.51	772.42	772.32	772.22	772.12	772.09	772.03	771.93	771.83	771.76	771.68	771.62	771.61	771.53	771.46	771.38	771.31	771.23	771.16	771.08
GIRDER 3	Δ T	.000	.030	.096	.141	.176	.243	.268	.244	.180	.134	.099	.032	.000	.013	.050	.096	.105	.163	.208	.227	.213	.166	.091	.000
	Δ C	.000	.013	.048	.077	.097	.135	.150	.136	.098	.077	.049	.014	.000	.007	.027	.054	.061	.096	.123	.135	.128	.100	.055	.000
DECK ELEVATION GIRDER 4	FLANGE 'C'	772.55	772.49	772.41	772.36	772.31	772.22	772.12	772.02	771.92	771.89	771.83	771.73	771.63	771.56	771.48	771.42	771.41	771.33	771.26	771.18	771.11	771.03	770.96	770.88
	FLANGE 'D'	772.35	772.29	772.21	772.16	772.11	772.02	771.92	771.82	771.72	771.69	771.63	771.53	771.43	771.36	771.28	771.22	771.21	771.13	771.06	770.98	770.91	770.83	770.76	770.68
GIRDER 4	Δ T	.000	.030	.096	.141	.176	.243	.268	.244	.180	.134	.099	.032	.000	.013	.050	.096	.105	.163	.208	.227	.213	.166	.091	.000
	Δ C	.000	.013	.048	.077	.097	.135	.150	.136	.098	.077	.049	.014	.000	.007	.027	.054	.061	.096	.123	.135	.128	.100	.055	.000

Notes:  
 1) Dead load deflections are shown in decimals of a foot.  
 ΔT denotes total deflection due to concrete, structural steel, & utilities.  
 ΔC denotes deflection due to concrete only.  
 2) (6) - Number of equal stiffener spaces per panel.  
 3) The location of welds connecting stiffener & gusset plates to flanges shall be as shown on the "Girder Elevation".

4) Camber to be 1.3 \* ΔT.  
 5) North Bridge  
 a) Deck elevation = South Bridge Deck elevation + 0.075 feet.  
 b) ΔT & ΔC = South Bridge Deck ΔT & ΔC

**THE CITY OF WINNIPEG**  
 WORKS & OPERATIONS DEPARTMENT  
 STREETS & TRANSPORTATION DIVISION

**ROUTE 165**

**TYPICAL GIRDER DETAILS**

SCALE: AS SHOWN

DRAWING NO. B-5092-223

APPROVED BY: *[Signature]* DATE: 25/11/77  
 DRAWN BY: J.T.K. DATE: NOV. 75  
 PRELIM. CHK. S.T.K. DATE: JAN. 77  
 DESIGN S.T.K. DATE: NOV. 75  
 CHECK D.L.M. DATE: JAN. 77

MANAGER OF STREETS AND TRAFFIC

W.L.W. NO. 74012-21