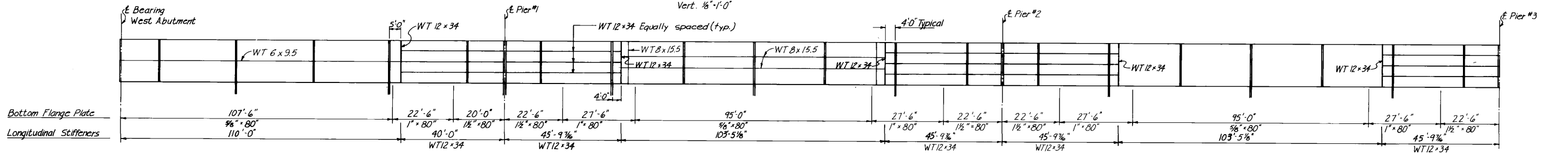


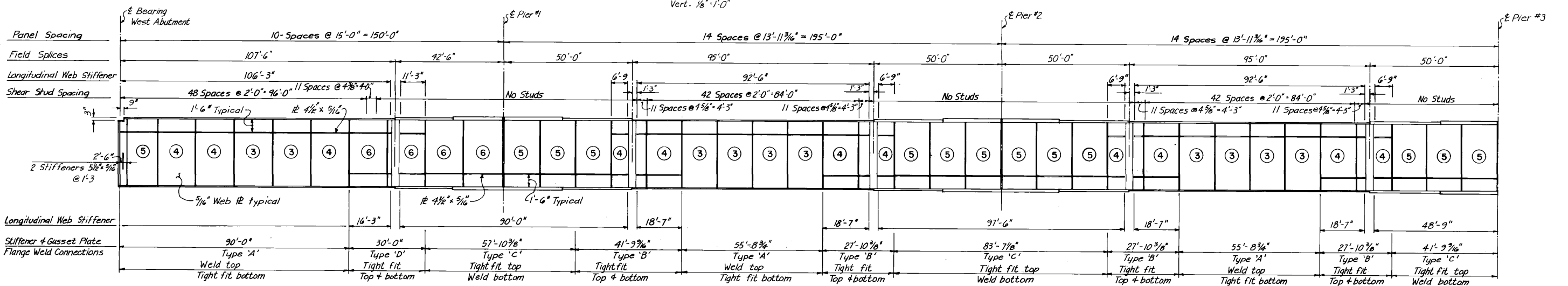
TOP FLANGE - PLAN VIEW

Scale: Horiz. 1"=20'-0"
Vert. 1/8"=1'-0"



BOTTOM FLANGE - PLAN VIEW

Scale: Horiz. 1"=20'-0"
Vert. 1/8"=1'-0"



GIRDER ELEVATION

Scale: Horiz. 1"=20'-0"
Vert. 3/8"=1'-0"

AS - BUILT		
DATE	FB NO.	PAGE
11-14/77		

SOUTH BRIDGE DECK ELEVATIONS AND DEAD LOAD DEFLECTIONS (FOR DECK ELEVATIONS SEE ELEVATION CHARTS 1-8)																																					
LOCATION	W. ABUT.	.1	.2	.3	.4	.5	.6	.7	SPLICE	.8	.9	PIER 1	.1	.2	SPLICE	.3	.4	.5	.6	.7	SPLICE	.8	.9	PIER 2	.1	.2	SPLICE	.3	.4	.5	.6	.7	SPLICE	.8	.9	PIER 3	
DECK ELEVATION GIRDER 3	FLANGE 'A'	768.67	768.84	769.01	769.18	769.34	769.51	769.68	769.85	769.87	770.01	770.18	770.35	770.57	770.79	770.91	771.00	771.22	771.44	771.66	771.87	771.96	772.08	772.26	772.43	772.57	772.70	772.76	772.80	772.88	772.95	772.99	773.01	773.01	773.01	772.99	772.95
	FLANGE 'B'	768.47	768.64	768.81	768.98	769.14	769.31	769.48	769.65	769.67	769.81	770.15	770.37	770.59	770.71	770.80	771.02	771.24	771.46	771.67	771.88	771.97	772.09	772.27	772.43	772.57	772.70	772.76	772.80	772.88	772.95	772.99	773.01	773.01	773.01	772.99	772.95
GIRDER 3	Δ T	.000	.091	.166	.213	.227	.208	.163	.105	.096	.050	.013	.000	.032	.099	.134	.180	.244	.268	.243	.176	.141	.096	.030	.000	.026	.087	.121	.164	.227	.251	.227	.164	.121	.087	.026	.000
	Δ C	.000	.055	.100	.128	.135	.123	.096	.061	.054	.027	.007	.014	.049	.077	.098	.136	.150	.135	.097	.077	.048	.013	.000	.012	.045	.072	.092	.129	.143	.129	.092	.072	.045	.012	.000	
DECK ELEVATION GIRDER 4	FLANGE 'C'	768.27	768.44	768.61	768.78	768.94	769.11	769.28	769.45	769.47	769.61	769.78	769.95	770.17	770.39	770.51	770.60	770.82	771.04	771.26	771.47	771.56	771.68	771.86	772.03	772.17	772.30	772.36	772.40	772.48	772.55	772.59	772.61	772.61	772.61	772.59	772.55
	FLANGE 'D'	768.07	768.24	768.41	768.58	768.74	768.91	769.08	769.25	769.27	769.41	769.58	769.75	769.97	770.19	770.31	770.40	770.62	770.84	771.06	771.27	771.36	771.48	771.66	771.83	771.97	772.10	772.16	772.20	772.28	772.35	772.39	772.41	772.41	772.41	772.39	772.35
GIRDER 4	Δ T	.000	.091	.166	.213	.227	.208	.163	.105	.096	.050	.013	.000	.032	.099	.134	.180	.244	.268	.243	.176	.141	.096	.030	.000	.026	.087	.121	.164	.227	.251	.227	.164	.121	.087	.026	.001
	Δ C	.000	.055	.100	.128	.135	.123	.096	.061	.054	.027	.007	.014	.049	.077	.098	.136	.150	.135	.097	.077	.048	.013	.000	.012	.045	.072	.092	.129	.143	.129	.092	.072	.045	.012	.000	

- Notes:
- 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.
 - ⑥ Number of equal stiffener spaces per panel.
 - The location of welds connecting stiffener and gusset plates to flanges shall be as shown on the "Girder Elevation".
 - Camber to be 1.3 ΔT.

- North Bridge
 - Deck elevation - South Bridge
Deck elevation + 0.075 feet
 - ΔT & ΔC - South Bridge
Deck ΔT & ΔC

NO.	REVISIONS	DATE
1	AS SHOWN	4-4-77

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

ROUTE 165

W. L. WARDROP & ASSOCIATES LTD.
ENGINEERING CONSULTANTS
WINNIPEG - THUNDER BAY - REGINA - SASKATOON - EDMONTON

TYPICAL GIRDER DETAILS

SCALE:
AS SHOWN

APPROVED BY: *[Signature]* DATE: 25/11/77

DRAWN BY: J.T.K. NOX, 76 PRELIM. CHK. S.T.K. JAN, 77

DESIGN: S.T.K. NOV, 76 CHECK: D.L.M. JAN, 77

APPROVED BY: *[Signature]* DATE: 25/11/77

MANAGER OF STREETS AND TRAFFIC

DRAWING NO. B-5092-222