

EAST FACE/SIDE PIER SU-3			
DIAPHRAGM REPAIRS		GIRDER END REPAIRS	
BETWEEN GIRDER #'S	AREA (SQ.M.)	GIRDER #'S	AREA (SQ.M.)
1-2	1.1 x 0.25 = 0.275	1	-
2-3	-	2	-
3-4	0.4 x 0.3 = 0.120	3	-
4-5	2.6 x 0.3 = 0.780	4	-
5-6	2.6 x 0.5 = 1.30	5	0.4 x 0.3 = 0.12
6-7	2.4 x 0.3 = 0.72	6	0.5 x 0.25 = 0.125
7-8	-	7	0.5 x 0.5 = 0.25
8-9	2.4 x 0.3 = 0.72	8	-
		9	0.4 x 0.5 = 0.20 0.5 x 0.4 = 0.20
<b>TOTALS</b>	<b>3.915 SQ. M.</b>		<b>0.895 SQ. M.</b>

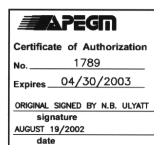
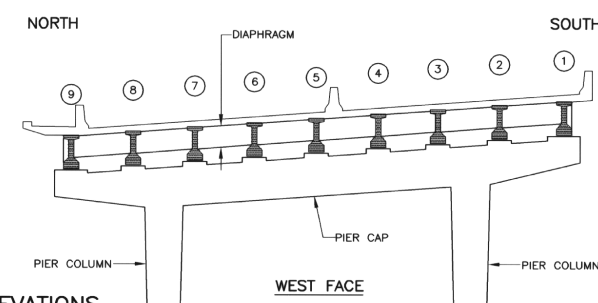
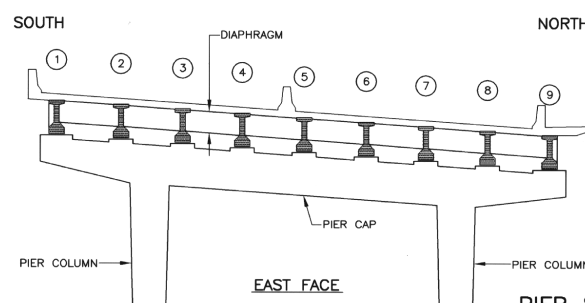
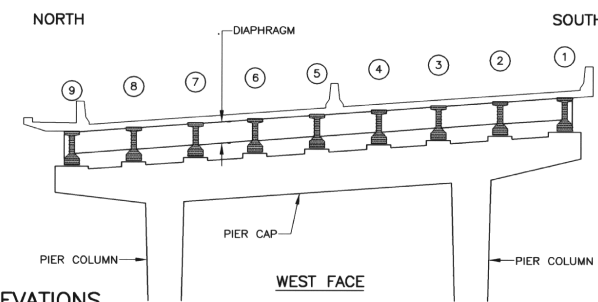
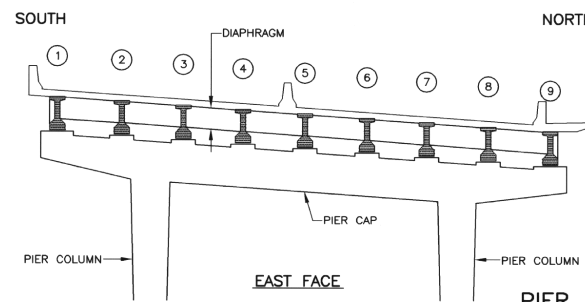
WEST FACE/SIDE PIER SU-3			
DIAPHRAGM REPAIRS		GIRDER END REPAIRS	
BETWEEN GIRDER #'S	AREA (SQ.M.)	GIRDER #'S	AREA (SQ.M.)
1-2	-	1	-
2-3	-	2	-
3-4	-	3	-
4-5	2.1 x 0.3 = 0.63	4	-
5-6	-	5	-
6-7	-	6	-
7-8	-	7	-
8-9	2.4 x 0.3 = 0.24	8	-
		9	0.5 x 0.7 = 0.35
<b>TOTALS</b>	<b>0.87 SQ. M.</b>		<b>0.35 SQ. M.</b>

TOTAL DIAPHRAGM & GIRDER END REPAIR AREAS PIER 3 = 6.03 SQ.M.  
ANODES INSTALLED: APPROX. 4 PER SQ.M. OF REPAIR AREA

EAST FACE/SIDE PIER SU-8			
DIAPHRAGM REPAIRS		GIRDER END REPAIRS	
BETWEEN GIRDER #'S	AREA (SQ.M.)	GIRDER #'S	AREA (SQ.M.)
1-2	0.2 x 0.5 = 0.10	1	-
2-3	-	2	-
3-4	0.2 x 1.0 = 0.20	3	0.5 x 0.2 = 0.10
4-5	0.35 x 1.0 = 0.35	4	0.5 x 0.2 = 0.10
5-6	-	5	-
6-7	-	6	-
7-8	-	7	-
8-9	-	8	-
		9	0.3 x 0.5 = 0.15
<b>TOTALS</b>	<b>0.65 SQ. M.</b>		<b>0.35 SQ. M.</b>

WEST FACE/SIDE PIER SU-8			
DIAPHRAGM REPAIRS		GIRDER END REPAIRS	
BETWEEN GIRDER #'S	AREA (SQ.M.)	GIRDER #'S	AREA (SQ.M.)
1-2	0.2 x 0.4 = 0.08	1	-
2-3	0.35 x 1.5 = 0.53	2	-
3-4	0.3 x 1.5 = 0.45	3	-
4-5	0.3 x 1.5 = 0.45	4	-
5-6	0.3 x 0.5 = 0.15	5	-
6-7	0.3 x 1.5 = 0.45	6	-
7-8	0.35 x 1.5 = 0.53	7	-
8-9	0.3 x 0.3 = 0.09	8	-
		9	-
<b>TOTALS</b>	<b>2.73 SQ. M.</b>		<b>0.00 SQ. M.</b>

TOTAL DIAPHRAGM & GIRDER END REPAIR AREAS PIER 8 = 3.73 SQ.M.  
ANODES INSTALLED: APPROX. 4 PER SQ.M. OF REPAIR AREA



**RECORD DRAWING**  
R.A. WIEBE, P.ENG 02/5/03  
APPROVED BY: DATE

NO.	REVISIONS	DATE	BY
1	REVISED TO RECORD DRAWING	02/5/03	R.A.W.

DESIGNED BY: A.S.D.  
DRAWN BY: N.B.G.  
CHECKED BY: R.A.W.  
APPROVED BY:  
SCALE: HORIZ. AS SHOWN  
VERT.  
DATE: AUG. 2002  
AUTHORIZED BY:  
ORIGINAL SIGNED BY B. EBENSFANGER, P.Eng.  
DATE:  
CITY BRIDGE ENGINEER



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
**Winnipeg**  
NAIRN AVENUE OVERPASS  
PIER CONCRETE REPAIR AND  
CORROSION MITIGATION WORKS  
SITE PLAN

CITY DRAWING NUMBER  
**B121-02-01AC**  
SHEET 1 OF 3