

South Australia

# **Highways (Port River Expressway Project) Regulations 2004**

under the *Highways Act 1926*

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### 1—Short title

These regulations may be cited as the *Highways (Port River Expressway Project) Regulations 2004*.

### 3—Interpretation

In these regulations—

*Act* means the *Highways Act 1926*;

*Expressway* means the transport infrastructure to be known as the *Port River Expressway*, the design and construction of which forms part of the Port River Expressway Project;

*Project* means the Port River Expressway Project.

### 4—Port River Expressway Project

- (1) Particulars of the principal features of the Port River Expressway Project are contained in Schedule 1 as follows:
  - (a) the principal features of Stage 2 of the Project are contained in Part 1 of Schedule 1;
  - (b) the principal features of Stage 3 of the Project are contained in Part 2 of Schedule 1;
  - (c) the authorisations and declarations for the closure of roads and government railway lines under section 39G of the Act, and the obstruction of navigation under section 39H of the Act, for the implementation of Stages 2 and 3 of the Project are contained in Part 3 of Schedule 1;
  - (d) Figure 1 showing the concept design for Stages 2 and 3 of the Project is set out in Part 4 of Schedule 1.

- (2) The land to which the Port River Expressway Project applies is the area of land bounded by the bold black line shown in the plans (Figures 2 to 5) set out in Schedule 2.

## **5—Responsibility for carrying out Port River Expressway Project**

The responsibility for carrying out the Port River Expressway Project is assigned to the Commissioner.

# **Schedule 1—Principal features of Port River Expressway Project**

## **Part 1—Stage 2 of the Project**

### **Division 1—Connector**

#### **1—Francis Street**

- (1) Francis Street will be reconstructed and widened to 4 lanes between Evans Street and Ocean Steamers Road.
- (2) A 4-way controlled intersection will be constructed at the junction of Francis Street with the Eastern Bypass to the south and Grand Trunkway Extension to the north, connecting Francis Street to St Vincent Street East, Bedford Street and Eastern Parade.

#### **2—Eastern Bypass**

- (1) The Eastern Bypass will be constructed along a disused rail reserve between Francis Street and Bedford Street to enable traffic travelling in a westerly direction along the Expressway to exit the Expressway via the Eastern Bypass and St Vincent Street East.
- (2) St Vincent Street East will be reconstructed and the intersection of St Vincent Street, Ocean Steamers Road and St Vincent Street East will be modified to allow continuous movement between St Vincent Street and St Vincent Street East.
- (3) Ocean Steamers Road will be severed by approaches to both the new road and rail bridges. Access to Francis Street from Ocean Steamers Road from the north or south will be closed. Local access will be provided to the sheds on Francis Street and businesses on Santo Parade via Ocean Steamers Road (south). A stub on Ocean Steamers Road (south) will provide access to the southern parcel of land adjacent to Dock 1.

#### **3—Grand Trunkway Extension**

- (1) Grand Trunkway Extension will be constructed to replace the Ocean Steamers Road link that is to be closed.
- (2) A new 4-way controlled intersection will be constructed at the junction of Grand Trunkway, Eastern Parade and Grand Trunkway Extension. Eastern Parade will be realigned south to a position that will enable the existing rail track crossing Eastern Parade to pass through the centre of this new intersection.

## **Division 2—Road bridge**

### **4—Road bridge**

- (1) A road bridge across the Port River (downriver from the Birkenhead Bridge) will be constructed with minimum clearance above the shipping channel to AHD 10.0 (10 metres above Mean Sea Level) with a nominal 30 metre opening span and fendering for river traffic.
- (2) The road bridge works will commence from the former junction of Francis Street and Ocean Steamers Road.
- (3) The road bridge western approach will form a T-junction with the extension of Nelson Street (Birkenhead Bridge). West of Nelson Street, the Expressway Road Bridge will connect to the existing Victoria Road.
- (4) The junction of Nelson Street and Semaphore Road will be realigned to the east to allow for the connection of Nelson Street to the Expressway. The existing freight rail crossing at Nelson Street will become redundant and be removed.

## **Division 3—Associated works**

### **5—Associated works**

- (1) A bridge/traffic control centre and car park will be built between the road and rail bridges on the east side of the river crossing to provide service for the operation of the 2 bridges.
- (3) The following improvements will be required:
  - (a) improvements to the following junctions:
    - (i) Ocean Steamers Road and St Vincent Street;
    - (ii) Bedford Street and Wilkins Road;
    - (iii) Elder Road and Wills Street;
    - (iv) Santo Parade and Ocean Steamers Road;
  - (b) alignment improvements for Wilkins Road adjacent to Heini Becker Park.

## **Division 4—Maintenance and operation**

### **5A—Maintenance and operation of road bridge**

Maintenance and operation of the road bridge and its associated works will be carried out after completion of the bridge and associated works.

## **Part 2—Stage 3**

### **Division 1—Rail bridge**

#### **6—Main rail line to Outer Harbor**

- (1) A new switch will transfer the main rail line to Outer Harbor along the northern boundary of Symons and Clark Transport Pty Ltd.

- (2) The track will cross the proposed Grand Trunkway Extension (where a rail crossing will be installed), travel through Incitec Pivot site and cross Ocean Steamers Road.
- (3) The structure of the rail bridge across the Port River will begin approximately 100 metres east of Ocean Steamers Road and be constructed with minimum clearance above the shipping channel of AHD 10.0 (10 metres above Mean Sea Level) with a nominal 30 metre opening span and fendering for river traffic.
- (4) On the western side of the river, the rail bridge structure will extend to a point approximately where the rail runs parallel to Elder Road.
- (5) As a result of the rail track being above the existing surface level of Stirling Street, minor modifications will be required to raise and upgrade the intersection of Stirling Street and Elder Street to provide priority access for road trains to Stirling Street.
- (6) An emergency de-railer will be installed in the vicinity of Stirling Street consisting of a length of at grade track parallel to the main rail line. In an emergency situation, a train will run along the length of the de-railer line until stopping in the ground beyond the track. The de-railer will provide the means to avoid an incident occurring on the rail bridge structure, particularly where the bridge crosses the river.

## **7—Port Flat Yard**

- (1) Track modifications to the Port Flat Yard adjacent to the Grand Trunkway will be undertaken consisting of the relocation of turnouts at the entrance of the yard to the north. This will allow trains to shunt in the yard without initiating the level crossing signals on Eastern Parade and interfering with road traffic.
- (2) An extension of Kerry Logistics' yard will be required to the north to allow for the modifications at the entrance to Port Flat Yard.
- (3) Additional track will be built in Port Flat Yard parallel to the existing track as a replacement for wagon storage currently on the site of the proposed Grand Trunkway Extension.
- (4) The eastern leg of the rail triangle will provide access to Port Flat Yard from the main rail line, with the current track to be realigned to obtain maximum operational benefit.
- (5) The western leg of the rail triangle linking Outer Harbor to Port Flat Yard will be constructed.

## **Division 2—Bridge/traffic control centre**

### **8—Bridge/traffic control centre**

A bridge/traffic control centre will be built between the Road and Rail Bridges on the east side of the river crossing to provide service for the operation of the 2 bridges.

## **Division 3—Maintenance and operation**

### **9—Maintenance and operation of rail bridge**

Maintenance and operation of the rail bridge and its associated works will be carried out after completion of the bridge and associated works.

## **Part 3—Authorisations and declarations for closure of roads and government railway lines and obstruction of navigation**

### **Division 1—Permanent closure of roads**

#### **10—Permanent closure of roads**

Pursuant to section 39G(1)(b) of the Act, the Commissioner is authorised to permanently close any road that it is necessary to permanently close for the purposes of implementing Stages 2 and 3 of the Project.

### **Division 2—Permanent closure of government railway lines**

#### **11—Permanent closure of particular government railway lines**

- (1) Pursuant to section 39G(2)(b) of the Act, for the purposes of implementing Stages 2 and 3 of the Project, the Commissioner is authorised—
  - (a) to permanently limit the use of the government railway lines listed in subregulation (2); or
  - (b) to permanently close any or all of those government railway lines, as the case requires.
- (2) The government railway lines are—
  - (a) the rail corridor between Francis Street and Eastern Parade, Port Adelaide; and
  - (b) (following their transfer from the Australian Rail Track Corporation to the Crown)—
    - (i) the rail corridor between Signal 1456 (Glanville Station) and Signal 3 (Birkenhead); and
    - (ii) the rail corridor between Signal 14 (Gillman Junction) and Signal 1155 (Port Adelaide Junction).

### **Division 3—Permanent obstruction of navigation**

#### **12—Permanent obstruction of navigation in Port River**

- (1) Pursuant to section 39H(2) of the Act—
  - (a) it is declared that the permanent obstruction of navigation over that area of the Port River bounded by bold black lines in Figures 2 and 3 in Schedule 2 (the *delineated area*) is necessary for the construction and maintenance of the road bridge and rail bridge as part of the implementation of Stages 2 and 3 of the Project; and
  - (b) accordingly, the Commissioner is authorised to permanently obstruct navigation over the delineated area of the Port River.

## Part 4—Concept design

Figure 1 shows the concept design for Stages 2 and 3 of the Project.

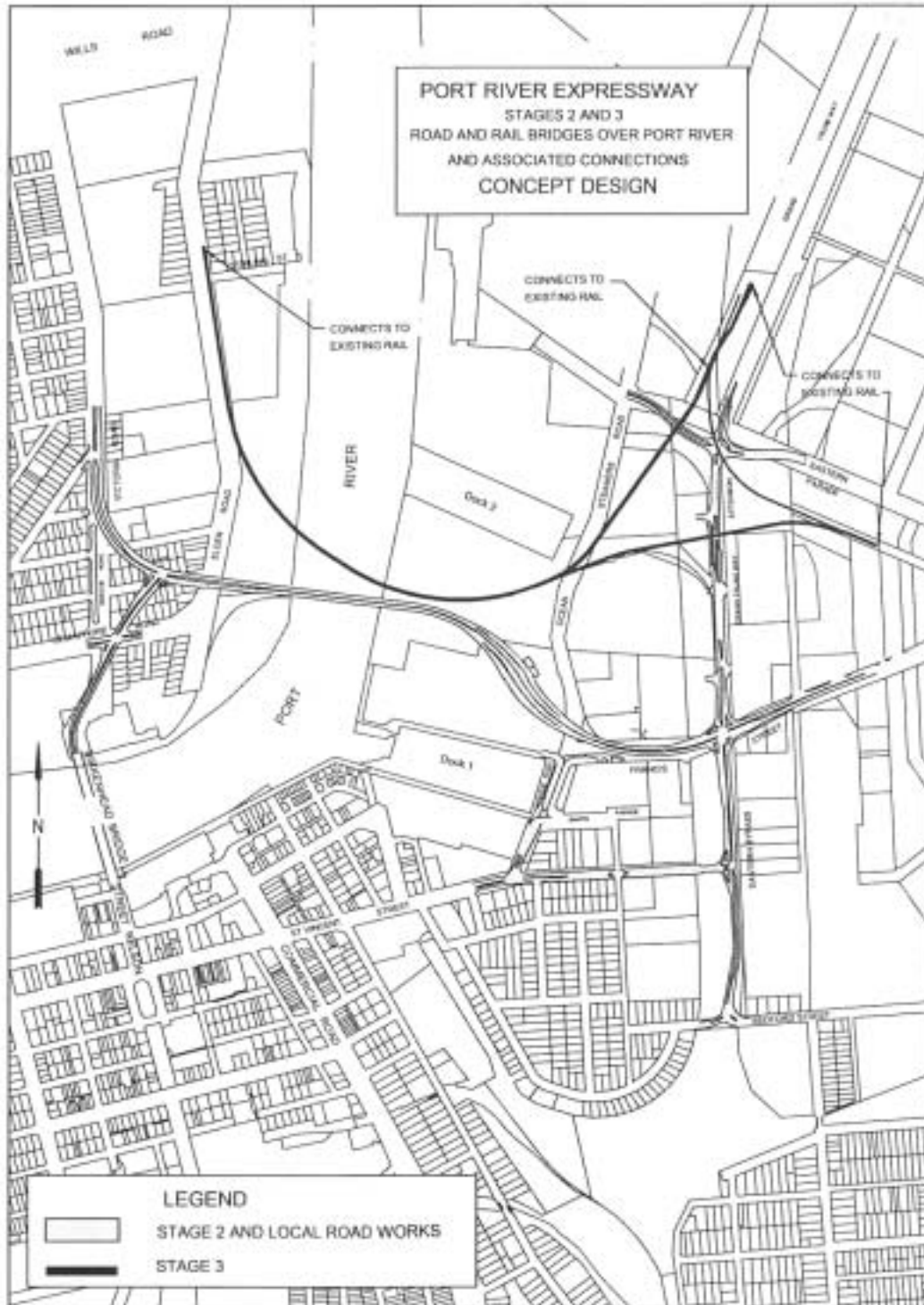


FIGURE 1

## Schedule 2—Land to which Port River Expressway Project applies

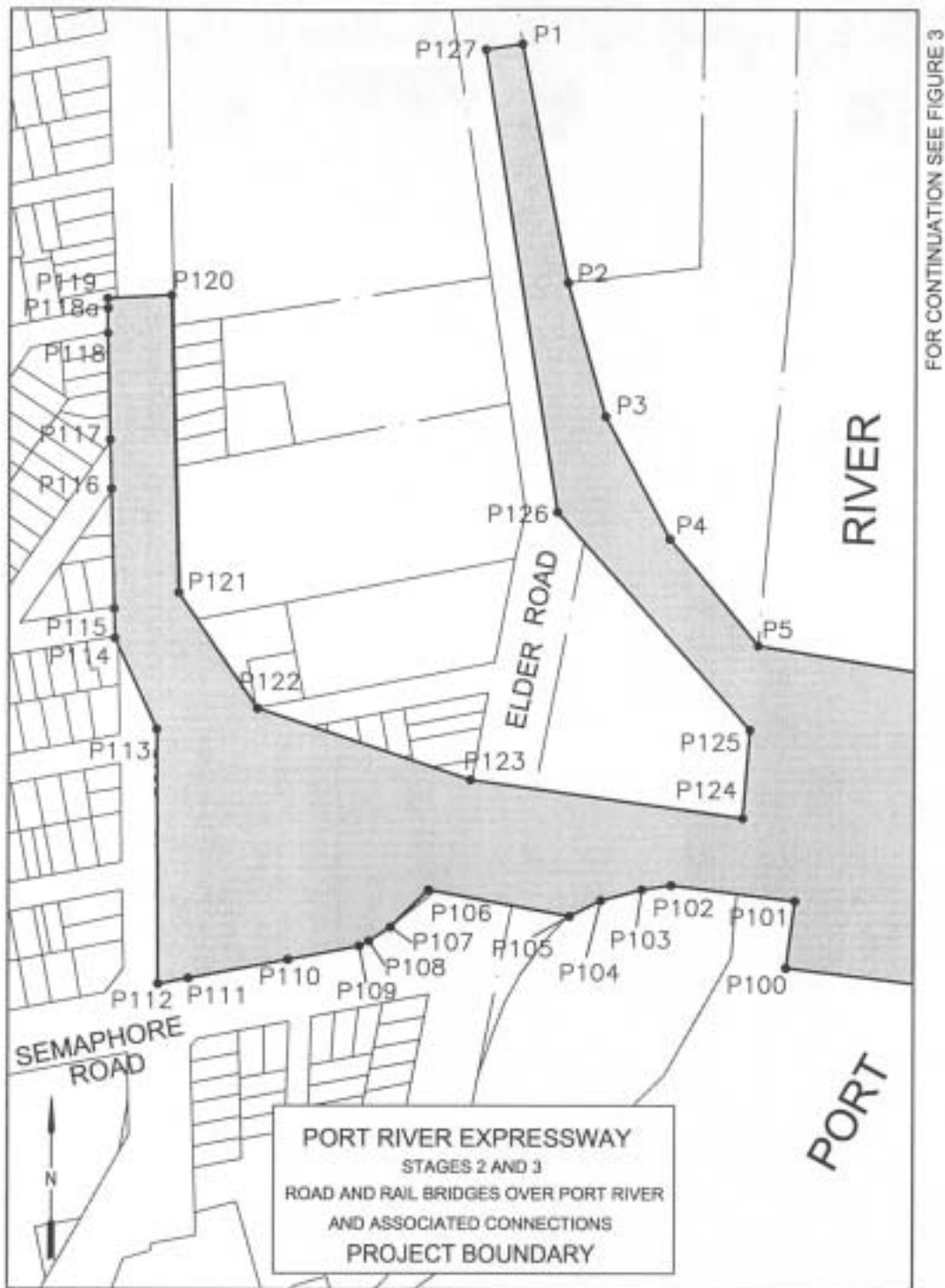


Figure 2



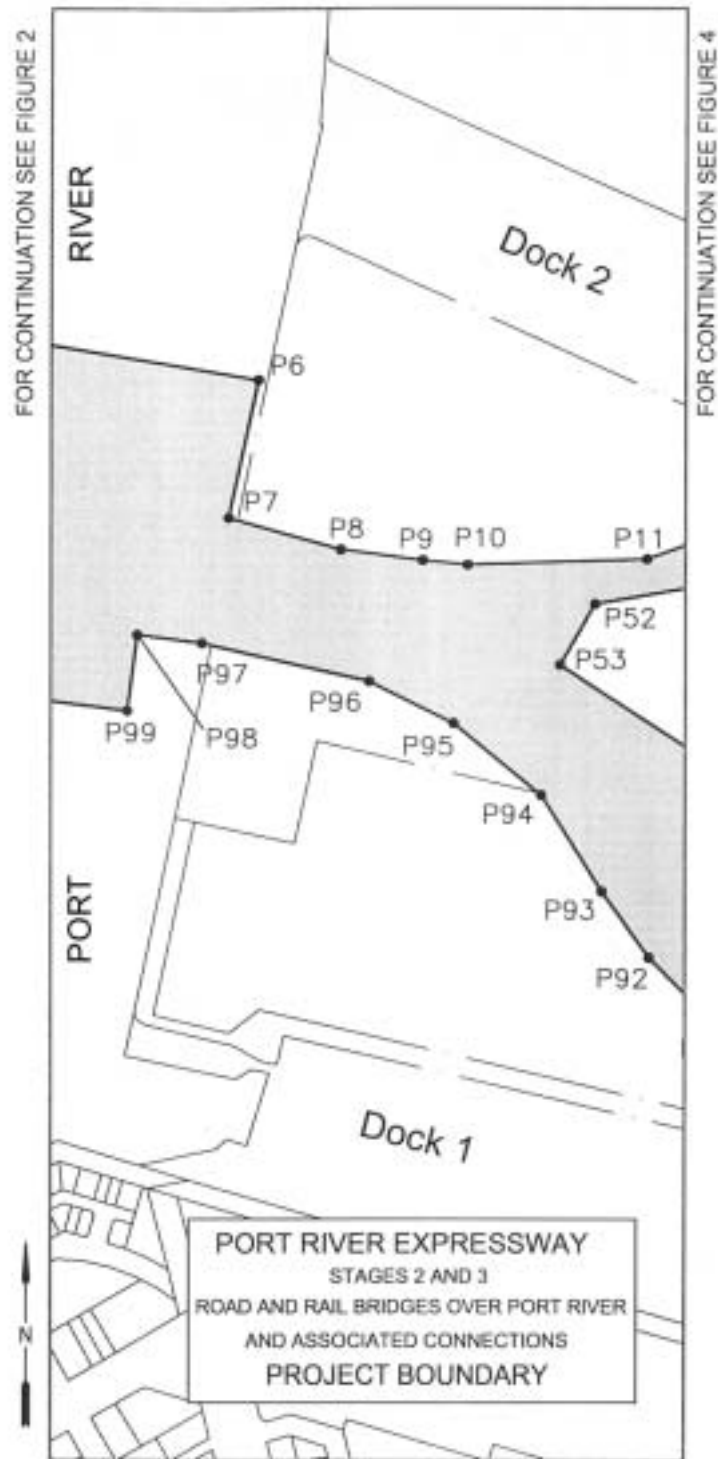


Figure 3

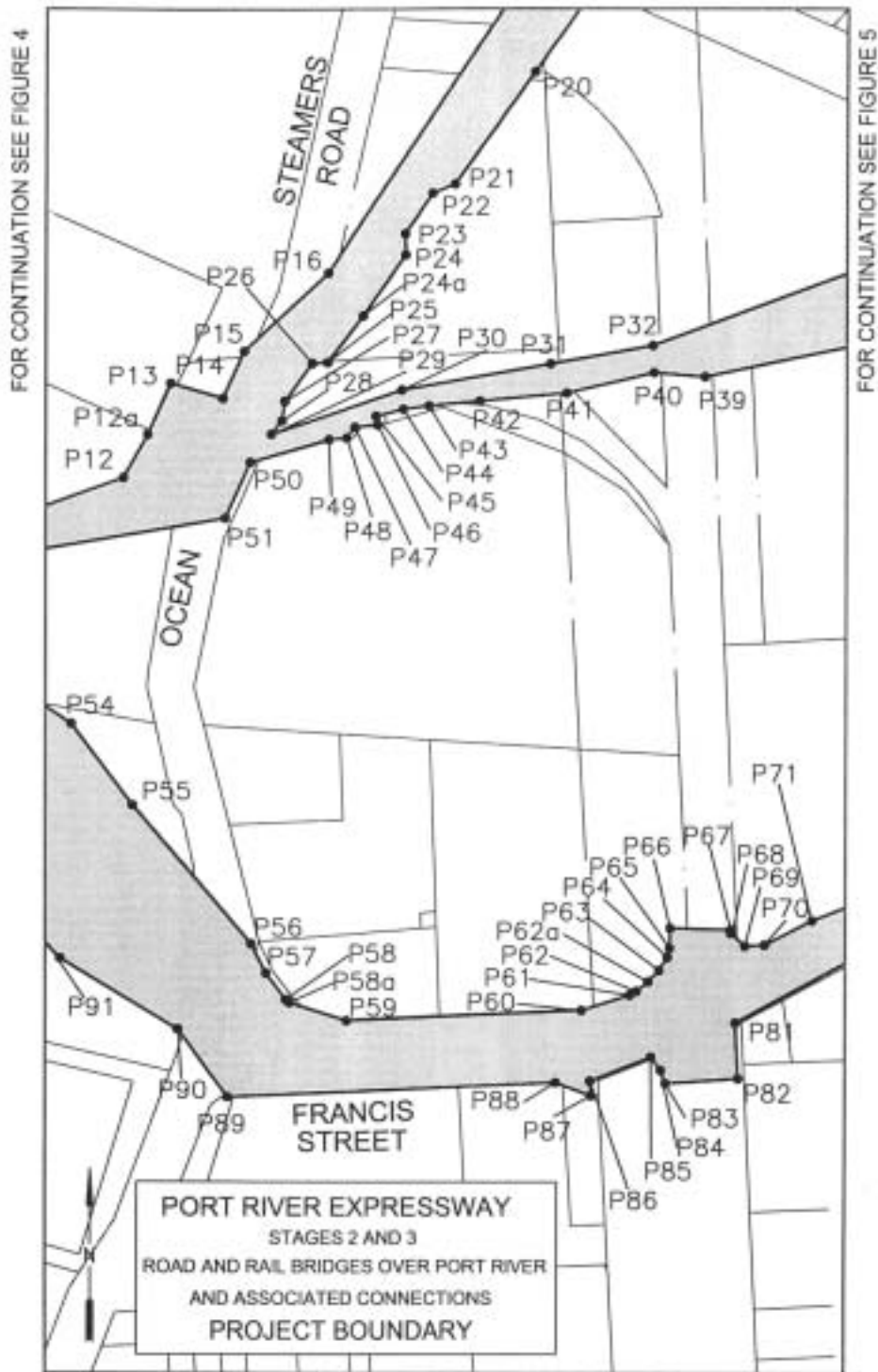


Figure 4

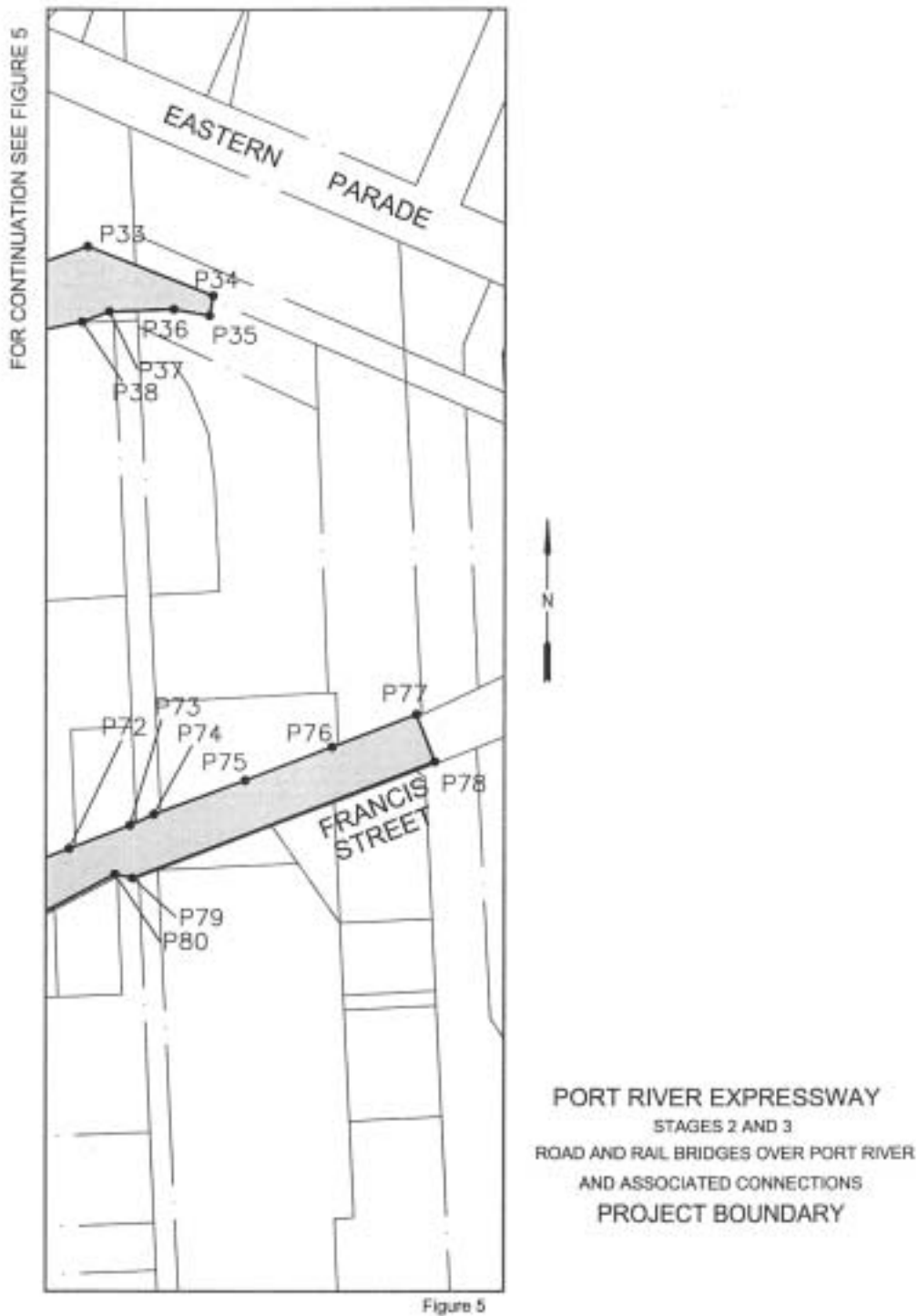


Figure 5

**Explanation of Co-ordinates shown in Figures 2 to 5—**

- 1 The Co-ordinate Origin is Permanent Survey Mark S317 (N=50000 E=100000, local in metres) that is located on the southern corner of Victoria Road and Health Street, Cadastral No 6628/18085.
- 2 The Point Nos and Co-ordinates shown in Figures 2 to 5 are defined in the table below.

**Highways (Port River Expressway Project) Regulations 2004—23.6.2005 to 9.12.2009**  
 Schedule 2—Land to which Port River Expressway Project applies

<b>POINT NO</b>	<b>COORDINATES</b>	
1	N=50255.093742	E=100280.466961
2	N=50284.469641	E=100130.194413
3	N=50308.355774	E=100046.041002
4	N=50349.065143	E=99968.665976
5	N=50405.081495	E=99901.536880
6	N=50591.558382	E=99870.563362
7	N=50575.031897	E=99793.754809
8	N=50636.806950	E=99776.249925
9	N=50682.112751	E=99770.354818
10	N=50706.695341	E=99767.847600
11	N=50805.950983	E=99770.947036
12	N=50879.305329	E=99797.742481
12A	N=50893.476599	E=99823.324470
13	N=50906.761873	E=99853.588072
14	N=50937.245930	E=99844.646885
15	N=50949.674738	E=99872.425437
16	N=50999.032592	E=99918.567716
17	N=51117.341000	E=100098.102000
18	N=51144.684453	E=100127.767420
19	N=51174.756242	E=100114.961019
20	N=51120.715208	E=100037.653696
21	N=51074.096859	E=99971.201679
22	N=51060.777584	E=99965.688945
23	N=51044.668530	E=99941.887035
24	N=51044.960323	E=99929.441355
24a	N=51019.918389	E=99893.460816
25	N=50998.634035	E=99865.924412
26	N=50989.622495	E=99865.421832
27	N=50973.645105	E=99843.014211
28	N=50971.921662	E=99831.365568
29	N=50965.790717	E=99823.433724
30	N=51042.790068	E=99849.718465
31	N=51130.373864	E=99865.326608
32	N=51189.770482	E=99876.202530
33	N=51324.902946	E=99925.663716
34	N=51403.634946	E=99894.762502

**23.6.2005 to 9.12.2009—Highways (Port River Expressway Project) Regulations 2004**  
Land to which Port River Expressway Project applies—Schedule 2

<b>POINT NO</b>	<b>COORDINATES</b>	
35	N=51401.366088	E=99882.333263
36	N=51378.768997	E=99886.294186
37	N=51338.680906	E=99884.796965
38	N=51321.614368	E=99878.424100
39	N=51220.902188	E=99857.658860
40	N=51190.566714	E=99860.111266
41	N=51139.704534	E=99847.938893
42	N=51088.890361	E=99840.401765
43	N=51058.833914	E=99843.203021
44	N=51043.736611	E=99838.315728
45	N=51027.666288	E=99834.209650
46	N=51028.671306	E=99828.996545
47	N=51015.067034	E=99827.691523
48	N=51010.193934	E=99821.313397
49	N=50999.519720	E=99820.336380
50	N=50953.400793	E=99806.734121
51	N=50938.615572	E=99773.609429
52	N=50777.518725	E=99746.030359
53	N=50757.998103	E=99712.226760
54	N=50849.142305	E=99652.374575
55	N=50884.919267	E=99604.164579
56	N=50954.120727	E=99522.472431
57	N=50963.028900	E=99505.147082
58	N=50974.694129	E=99489.500765
58a	N=50976.687312	E=99487.584362
59	N=51010.397158	E=99476.945829
60	N=51149.168951	E=99483.022273
61	N=51177.007041	E=99492.135074
62	N=51180.970307	E=99494.338663
62a	N=51187.781321	E=99500.046779
63	N=51194.315627	E=99506.736892
64	N=51199.396039	E=99514.588272
65	N=51200.721378	E=99519.896103
66	N=51201.065492	E=99531.719106
67	N=51237.078321	E=99530.670934
68	N=51237.176600	E=99528.693743

**Highways (Port River Expressway Project) Regulations 2004—23.6.2005 to 9.12.2009**  
 Schedule 2—Land to which Port River Expressway Project applies

<b>POINT NO</b>	<b>COORDINATES</b>	
69	N=51245.562117	E=99521.098855
70	N=51257.291903	E=99521.679221
71	N=51285.481363	E=99536.020608
72	N=51313.845934	E=99546.952818
73	N=51351.844699	E=99561.601101
74	N=51366.774000	E=99568.574236
75	N=51424.153155	E=99589.901647
76	N=51478.239243	E=99610.814050
77	N=51531.119308	E=99631.260444
78	N=51542.565292	E=99601.668100
79	N=51353.396721	E=99528.501438
80	N=51342.424502	E=99530.894489
81	N=51239.827430	E=99475.658410
82	N=51241.451221	E=99442.692053
83	N=51198.367998	E=99439.807980
84	N=51195.461736	E=99447.604692
85	N=51189.660398	E=99455.450445
86	N=51154.231000	E=99441.179000
87	N=51154.722716	E=99432.503573
88	N=51134.131307	E=99440.295735
89	N=50940.235423	E=99431.763619
90	N=50911.240890	E=99471.848756
91	N=50842.640167	E=99513.855106
92	N=50807.269772	E=99549.723035
93	N=50781.385794	E=99586.323419
94	N=50747.546625	E=99639.809839
95	N=50699.115982	E=99679.766673
96	N=50652.420970	E=99703.058309
97	N=50560.379470	E=99724.043421
98	N=50524.461385	E=99728.605017
99	N=50518.981926	E=99686.550157
100	N=50423.232321	E=99698.569624
101	N=50428.729818	E=99740.762927
102	N=50350.482672	E=99750.700314
103	N=50331.953638	E=99747.979616
104	N=50306.313417	E=99741.089647

**23.6.2005 to 9.12.2009—Highways (Port River Expressway Project) Regulations 2004**  
 Land to which Port River Expressway Project applies—Schedule 2

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<b>POINT NO</b>	<b>COORDINATES</b>	
105	N=50286.463231	E=99731.159635
106	N=50198.259602	E=99747.704053
107	N=50174.442340	E=99724.244950
108	N=50159.107204	E=99715.475928
109	N=50154.599147	E=99712.302923
110	N=50108.239083	E=99703.682556
111	N=50046.075900	E=99691.714142
112	N=50028.602764	E=99688.100827
113	N=50027.638188	E=99848.500883
114	N=50001.664598	E=99905.791924
115	N=49999.674656	E=99924.335069
116	N=49997.679888	E=99999.913661
117	N=49998.357984	E=100030.972905
118	N=49996.586191	E=100098.089430
118A	N=49995.142243	E=100113.646551
119	N=49996.386261	E=100119.996601
120	N=50036.074576	E=100122.082486
121	N=50041.160134	E=99934.466838
122	N=50090.587366	E=99861.733627
123	N=50224.384159	E=99816.926959
124	N=50395.457641	E=99792.882391
125	N=50399.928215	E=99848.448341
126	N=50278.294332	E=99985.504017
127	N=50232.149457	E=100276.925848

## Legislative history

### Notes

- For further information relating to the Act and subordinate legislation made under the Act see the Index of South Australian Statutes or [www.legislation.sa.gov.au](http://www.legislation.sa.gov.au).

### Principal regulations and variations

New entries appear in bold.

Year	No	Reference	Commencement
2004	165	<i>Gazette 5.8.2004 p2858</i>	5.8.2004: r 2
<b>2005</b>	<b>146</b>	<b><i>Gazette 23.6.2005 p1922</i></b>	<b>23.6.2005: r 2</b>

### Provisions varied

New entries appear in bold.

Entries that relate to provisions that have been deleted appear in italics.

Provision	How varied	Commencement
<i>r 2</i>	<i>omitted under the Legislation Revision and Publication Act 2002</i>	<i>23.6.2005</i>
<b>r 3</b>		
<b>Project</b>	<b>inserted by 146/2005 r 4</b>	<b>23.6.2005</b>
<b>r 4</b>		
<b>r 4(1)</b>	<b>varied by 146/2005 r 5</b>	<b>23.6.2005</b>
<b>r 5</b>	<b>varied by 146/2005 r 6</b>	<b>23.6.2005</b>
<i>rr 6—10</i>	<i>deleted by 146/2005 r 7</i>	<i>23.6.2005</i>
<b>Sch 1</b>		
<b>Pt 1</b>		
<b>Pt 1 Div 1</b>		
<b>cl 2</b>		
<b>cl 2(3)</b>	<b>varied by 146/2005 r 8(1), (2)</b>	<b>23.6.2005</b>
<b>cl 3</b>		
<b>cl 3(2)</b>	<b>substituted by 146/2005 r 8(3)</b>	<b>23.6.2005</b>
<b>Pt 1 Div 2</b>		
<b>cl 4</b>		
<b>cl 4(2)</b>	<b>varied by 146/2005 r 8(4)</b>	<b>23.6.2005</b>
<b>Pt 1 Div 3</b>		
<b>cl 5</b>		
<b>cl 5(1)</b>	<b>varied by 146/2005 r 8(5)</b>	<b>23.6.2005</b>
<i>cl 5(2)</i>	<i>deleted by 146/2005 r 8(6)</i>	<i>23.6.2005</i>
<b>Pt 1 Div 4</b>	<b>inserted by 146/2005 r 8(7)</b>	<b>23.6.2005</b>
<b>Pt 2</b>		
<b>Pt 2 Div 2</b>		



cl 8	varied by 146/2005 r 8(8)	23.6.2005
Pt 2 Div 3	inserted by 146/2005 r 8(9)	23.6.2005
Pt 3	substituted by 146/2005 r 8(10)	23.6.2005
Pt 4	inserted by 146/2005 r 8(10)	23.6.2005
Sch 2		
Fig 3	substituted by 146/2005 r 9	23.6.2005