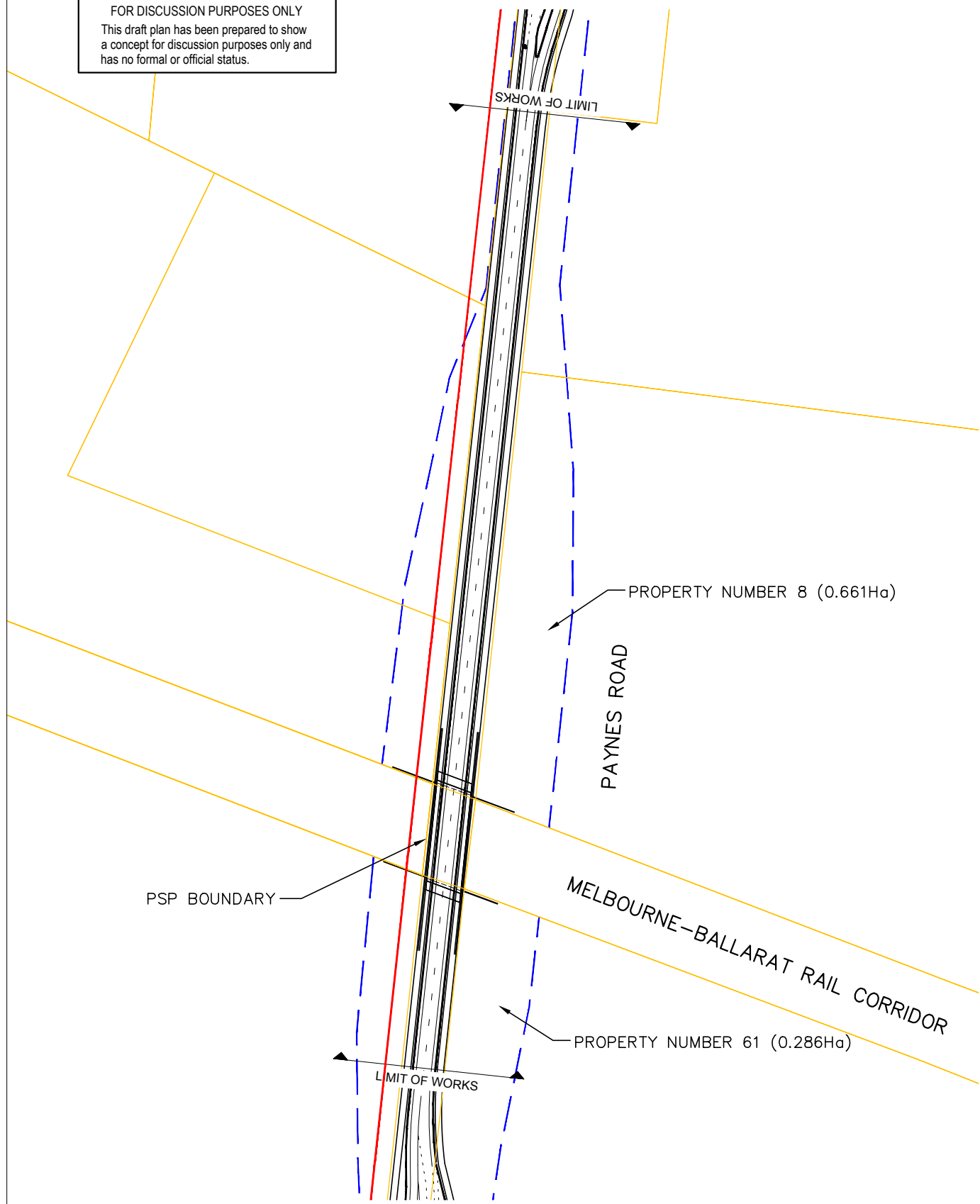


DRAFT CONCEPT PLAN
 FOR DISCUSSION PURPOSES ONLY
 This draft plan has been prepared to show a concept for discussion purposes only and has no formal or official status.

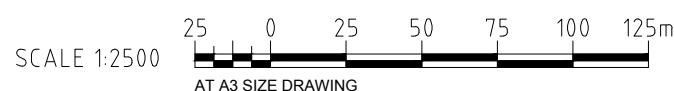


BR04 Paynes Rd over rail line

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.55	29203	\$ 74,467.65
Earth Works	Import, place & compact fill	cu m	\$ 51.00	55402	\$ 2,825,502.00
Structure costs	Single span structure with 2000mm deep, 46m long span Super-T beams	sq m	\$ 5,100.00	813	\$ 4,145,647.20
Bridge approach barriers	Off structure concrete barrier on piles	m	\$ 2,040.00	240	\$ 489,600.00
	Guard fence (incl. protection of existing electricity pole)	m	\$ 120.00	480	\$ 57,600.00
	GREAT terminals	No	\$ 5,100.00	2	\$ 10,200.00
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 127.50	4670	\$ 595,425.00
Kerb & Channel		m	\$ 40.80	898	\$ 36,638.40
Footpath	Concrete (based on 'Typical Residential Footpath Cross Section' Figure 006 Engineering Design and Construction Manual)	sq m	\$ 46.92	2694	\$ 126,402.48
Drainage	Subsoil Drains	m	\$ 22.44	898	\$ 20,151.12
	Drainage Pits (max depth 1.5m)	No.	\$ 2,193.00	18	\$ 39,474.00
	Drainage Pipe 375 dia	m	\$ 183.60	620	\$ 113,832.00
Miscellaneous	Line Marking (based on average per m ² of pavement)	sq m	\$ 2.55	4670	\$ 11,908.50
	Signage	No	\$ 183.60	2	\$ 367.20
	Fencing	m	\$ 25.50	1010	\$ 25,755.00
Landscaping		sq m	\$ 3.26	21839	\$ 71,282.50
Lighting	New lighting pole (All Inclusive)	No.	\$ 12,240.00	9	\$ 110,160.00
Utilities	Underground electricity lines - trench	m	\$ 800.00	151	\$ 120,800.00
	Underground electricity lines - bore under Western Fwy	m	\$ 1,400.00	40	\$ 56,000.00
	Relocate Telstra pit and conduits	No.	\$ 8,160.00	4	\$ 32,640.00
				Subtotal	\$ 8,754,413.05
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 284,518.42
Traffic Management	5% of cost of works	item	5%	1	\$ 437,720.65
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 43,772.07
Survey & Design	5% of cost of works	item	5%	1	\$ 437,720.65
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 875,441.30
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 218,860.33
Contingency	20% of cost of works	item	20%	1	\$ 1,750,882.61
				TOTAL	\$ 12,803,329.08

The estimated construction costs provided in this document have been issued to the Metropolitan Planning Authority for budgeting purposes only for the Development Contributions Plan. Utility service relocation costs are indicative only. SMEC Australia assumes no liability for losses incurred through changes to the quantities required to construct the intersection or increases in construction costs. These values are not intended for use in construction pricing and do not constitute a Bill of Quantities.

NOT FOR CONSTRUCTION



INFORMATION DOCUMENT

**BR04 - PAYNES RD OVER RAIL LINE
 INFRASTRUCTURE COSTING
 30041114-ID-0029-20160616**