

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

Rates Current At February 2019

Location		Total Cost
MR MILITARY ROAD		
MRN MILITARY ROAD NORTH		
MRN1	Military Road North with Interlocking Pavers on a Flexible Base Intersection Pavement	2,569,062.30
		<i>MRN - MILITARY ROAD NORTH</i> \$2,569,062.30
MRS MILITARY ROAD SOUTH		
MRS1	Military Road South with Interlocking Pavers on a Flexible Base Intersection Pavement	2,364,813.50
		<i>MRS - MILITARY ROAD SOUTH</i> \$2,364,813.50
		<i>MR - MILITARY ROAD</i> \$4,933,875.80
MS MAIN STREET		
MSE MAIN STREET EAST		
MSE1	Asphalt Option	1,772,123.80
		<i>MSE - MAIN STREET EAST</i> \$1,772,123.80
MSW MAIN STREET WEST (PLAZA)		
		2,943,091.60
		<i>MS - MAIN STREET</i> \$4,715,215.40
INT MILITARY ROAD/MAIN STREET INTERSECTION		
INT1	MILITARY ROAD/MAIN STREET INTERSECTION WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT	758,519.80
		<i>INT - MILITARY ROAD/MAIN STREET INTERSECTION</i> \$758,519.80
		ESTIMATED NET COST \$10,407,611.00
MARGINS & ADJUSTMENTS		
	Allowance for car charging station including connection into existing	0.2% \$25,000.00
	Allowance for a connected parking system (PC Sum)	1.4% \$150,000.00
	Allowance for permanent traffic, bicycle or pedestrian counter (PC Sum)	0.4% \$40,000.00
	Professional Fees and Charges	Excl.
	Escalation Beyond mid 2019	Excl.
	Goods and Services Taxation	Excl.
		ESTIMATED TOTAL COST \$10,622,611.00

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MR MILITARY ROAD

MRN MILITARY ROAD NORTH

MRN1 Military Road North with Interlocking Pavers on a Flexible Base

Intersection Pavement

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
DE Demolition and Site Clearance				
192 Clear site of rubbish and debris	m ²	4,649	0.20	929.80
141 Cut down existing large street trees including grubbing out roots and dispose off site	No	4	3,500.00	14,000.00
23 Saw cut existing pavement ready for removal	m	427	15.00	6,405.00
31 Take up existing asphalt and dispose debris off site	m ²	2,197	14.50	31,856.50
38 Take up existing block paved footpath and dispose debris off site	m ²	452	17.00	7,684.00
37 Take up existing concrete footpath and dispose debris off site	m ²	333	30.00	9,990.00
40 Take up existing block paved driveway crossover and dispose debris off site	m ²	81	23.00	1,863.00
39 Take up existing concrete driveway crossover and dispose debris off site	m ²	145	33.00	4,785.00
42 Take up existing concrete driveway crossover from Foodland carpark entrance and dispose debris off site	m ²	340	35.00	11,900.00
133 Take up existing block pavers from median island and dispose debris off site	m ²	41	33.00	1,353.00
135 Take up existing block pavers from roundabout annulus and dispose debris off site	m ²	53	33.00	1,749.00
129 Take up existing verge material and stockpile on site for reuse	m ²	893	12.00	10,716.00
136 Take up existing verge material from roundabout and dispose of spoil off site	m ²	66	24.00	1,584.00
143 Take up existing landscaping from verge and dispose debris from site	m ²	53	18.00	954.00
130 Break up existing kerb and gutter and dispose debris off site	m	492	18.00	8,856.00
131 Break up existing driveway invert and dispose debris off site	m	169	30.00	5,070.00
153 Break up existing concrete low height retaining wall and dispose debris off site	m	48	40.00	1,920.00
132 Break up existing median kerb and dispose debris off site	m	230	16.00	3,680.00
134 Break up existing kerb ramp and dispose debris off site	No	15	175.00	2,625.00
152 Take down existing Adshell bus shelter and return to Council	No	1	2,400.00	2,400.00
174 Allowance to protect existing large pine trees throughout construction	No	12	80.00	960.00
151 Allowance to take down existing street signs and dispose off site	Item			750.00
201 Allowance to locate, excavate and remove existing services made redundant (assume minimal)	Item			7,500.00
231 Allowance for sundry and unforeseen demolition	Item			20,000.00
150 No allowance do alterations to existing verandas and structures	Note			Excl.
202 No allowance to demolish larger retaining wall to foodland carpark	Note			Excl.
Demolition and Site Clearance				\$159,530.30

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MR MILITARY ROAD

MRN MILITARY ROAD NORTH

MRN1 Military Road North with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
EW Earthworks				
154 Box out existing subgrade ready for new concrete shared path including disposal of spoil off site	m ²	1,346	39.50	53,167.00
155 Box out existing subgrade ready for new driveways including disposal of spoil off site	m ²	412	45.50	18,746.00
196 Box out existing subgrade ready for new foodland driveway including disposal of spoil off site	m ²	245	48.50	11,882.50
156 Box out existing subgrade ready for new raised roadway including disposal of spoil off site	m ²	655	33.50	21,942.50
158 Box out existing subgrade ready for new raised roadway intersection pavement including disposal of spoil off site	m ²	390	55.00	21,450.00
162 No allowance for contaminated spoil remediation or disposal	Note			Excl.
163 No allowance for rock excavation	Note			Excl.
Earthworks				\$127,188.00
PV Pavements				
SP Shared Path				
1 Proof roll and trim subgrade ready for new pavements	m ²	1,346	10.50	14,133.00
2 Supply and place crushed rock base course to new pavements including trimming and compacting (50% of existing base course to be reused)	m ²	1,346	22.50	30,285.00
3 Supply and place concrete pavement including formwork, reinforcement joints and concrete	m ²	1,346	125.00	168,250.00
18 Extra over for exposed aggregate concrete pavements	m ²	1,346	25.00	33,650.00
167 No allowance for sealer to exposed aggregate concrete pavements	m ²	1,346		Excl.
4 Allowance to match existing footpaths	m	19	55.00	1,045.00
Shared Path				\$247,363.00
RRD Raised Road Crossovers				
19 Proof roll and trim subgrade ready for new pavements	m ²	655	10.50	6,877.50
117 Supply and place crushed rock base course to raised intersections including trimming and compacting (50% of existing base course to be reused)	m ²	655	33.00	21,615.00
21 Construct asphalt ramps to raised intersections	m ²	106	175.00	18,550.00
22 Construct asphalt to raised road crossover	m ²	549	155.00	85,095.00
Raised Road Crossovers				\$132,137.50
FE Foodland Entrance				
125 Proof roll and trim subgrade ready for new shared surface car park access	m ²	245	10.50	2,572.50
126 Supply and place crushed rock as base including trimming and compacting (50% of existing base course to be reused)	m ²	245	24.50	6,002.50
127 Construct heavy duty concrete pavement including formwork, reinforcement and concrete	m ²	245	170.00	41,650.00

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MRN MILITARY ROAD NORTH

MRN1 Military Road North with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
203 Broom finish to concrete driveway	m ²	245	17.00	4,165.00
215 No allowance for exposed aggregate and sealed finish to concrete driveway	Note			Excl.
Foodland Entrance				\$54,390.00
DW Driveways				
11 Proof roll and trim subgrade ready for new pavements	m ²	412	10.50	4,326.00
12 Supply and place crushed rock as base to new driveway including trimming and compacting (50% of existing base course to be reused)	m ²	412	28.50	11,742.00
14 Supply and place concrete or similar to driveways	m ²	412	140.00	57,680.00
17 Extra over for exposed aggregate concrete driveways	m ²	412	25.00	10,300.00
204 No allowance for sealer to exposed aggregate concrete pavements	m ²	412		Excl.
Driveways				\$84,048.00
INT Intersection Pavement				
62 Proof roll and trim subgrade ready for new pavements	m ²	390	10.50	4,095.00
63 Supply and place crushed rock sub base to raised intersection including trimming and compacting (50% of existing base course to be reused)	m ²	390	28.00	10,920.00
64 Supply and place fine crushed rock base course to new intersection including trimming and compacting (50% of existing base course to be reused)	m ²	390	33.00	12,870.00
120 Construct concrete ramp to intersection including formwork, reinforcement and concrete	m ²	55	230.00	12,650.00
65 Supply and place trafficable interlocking unit pavers on sand bed (PC Supply \$85/m ²)	m ²	335	165.00	55,275.00
66 No allowance to seal pavers	Note			Excl.
Intersection Pavement				\$95,810.00
TS Tactile Surface				
98 Supply and place tactile pavers or similar on a mortar bed	m ²	36	450.00	16,200.00
Tactile Surface				\$16,200.00
KR Kerb Reinstatement				
205 Allow to reinstate existing bitumen roadway 300mm wide where new kerb installed including sub base, base course, wearing course	m	563	95.00	53,485.00
Kerb Reinstatement				\$53,485.00
PR Plane and Reinstatement Existing Roadway				
77 Plane existing asphalt and dispose debris off site	m ²	2,519	8.50	21,411.50
78 Supply and place prime to roadway	m ²	2,519	4.50	11,335.50
81 Supply and place asphalt to roadway	m ²	2,519	30.50	76,829.50
Plane and Reinstatement Existing Roadway				\$109,576.50
Pavements				\$793,010.00

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Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
CW Concrete Works				
115 Concrete kerb and gutter	m	401	85.00	34,085.00
114 Concrete edge kerb	m	168	70.00	11,760.00
116 Concrete median kerb	m	109	80.00	8,720.00
113 Driveway crossover	m	163	140.00	22,820.00
112 Pram Ramp	No	2	1,450.00	2,900.00
198 No allowance for dark oxide treatment to kerbing	Note			Excl.
Concrete Works				\$80,285.00
RW Retaining Wall				
218 Construct low concrete sleeper retaining wall to suit existing and new levels including footings, posts and sleepers	m	25	550.00	13,750.00
Retaining Wall				\$13,750.00
LM Line Marking				
188 Solid white line	m	403	2.50	1,007.50
206 Solid dash line to on-street carparking	m	395	4.00	1,580.00
187 Hold line	m	21	30.00	630.00
164 Allowance for miscellaneous line marking	Item			2,500.00
Line Marking				\$5,717.50
LA Landscaping				
GB Garden Beds				
43 No allowance for detailed preparation for new garden beds including disposal of excess spoil off site	m ²	1,396		Excl.
228 Condition existing soil including the addition of compost to new garden beds	m ²	1,396	23.00	32,108.00
44 Deep rip subgrade ready for new garden beds	m ²	1,396	6.50	9,074.00
45 No allowance for imported topsoil to garden beds	m ²	1,396		Excl.
46 Supply and place organic mulch to garden beds	m ²	1,396	10.50	14,658.00
123 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	5,582	17.00	94,894.00
54 Supply and place irrigation system to garden beds	m ²	1,396	25.00	34,900.00
207 Allowance for conduit between garden beds for irrigation supply including excavation, bedding and backfilling	Item			5,000.00
199 Allowance to connect into existing water system	Item			15,000.00
208 Allowance for new water meter to garden beds including connections	Item			5,000.00
48 Allowance for 52 week maintenance period	Item			15,000.00
47 No allowance for sundry and feature plantings	Item			Excl.
200 No allowance for stratacells or similar to new landscaping	Note			Excl.
Garden Beds				\$225,634.00

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Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
LB Lawn Beds				
49 Condition existing soil including the addition of compost to new lawn beds	m ²	70	23.00	1,610.00
50 Deep rip and cultivate subgrade ready for new lawn beds	m ²	70	6.50	455.00
52 Supply and place instant turf	m ²	70	17.00	1,190.00
53 Supply and place irrigation system to lawn beds	m ²	70	30.00	2,100.00
128 Supply and install steel edging or similar between lawn and garden beds	m	57	65.00	3,705.00
51 No allowance for topsoil to lawn beds	m ²	70		Excl.
Lawn Beds				\$9,060.00
WSUD WSUD				
56 Detailed excavation for new WSUD including disposal of spoil off site	m ²	111	180.00	19,980.00
57 Deep rip and cultivate subgrade ready for new garden bed	m ²	111	6.50	721.50
58 Supply and place filter media, transition layers, submergence zone and drainage layers to WSUD	m ²	111	350.00	38,850.00
124 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	444	19.00	8,436.00
59 Allowance for stormwater to WSUD including pits, AG drain, risers and connection into existing stormwater	No	5	6,000.00	30,000.00
WSUD				\$97,987.50
TR Trees				
168 Supply and install 100L trees including preparation (PC Sum \$450 Tree Supply and Install)	No	44	450.00	19,800.00
Trees				\$19,800.00
Landscaping				\$352,481.50
FF Furniture, Fitments and Signage				
165 Supply and install new U.A.P shift bench seat including footing	No	4	8,500.00	34,000.00
176 Supply and install new 'Iconic' bus stop including new base and footings	No	1	40,000.00	40,000.00
222 Supply and install 'Main Street' precinct wayfinding signage including footing	No	1	600.00	600.00
220 Supply and install 'Main Street' precinct large signage including footing	No	1	9,500.00	9,500.00
232 Allowance for miscellaneous wayfinding and directional signage	Item			5,000.00
170 Allowance for bins including footings	Item			5,000.00
171 Allowance for statuary road signage	Item			7,500.00
Furniture, Fitments and Signage				\$101,600.00
LI Lighting				
175 Supply and install 'WE-EF VFL500' street lights including footing, pole, luminaire and associated electrical connections	No	4	12,000.00	48,000.00

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Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
211 Allowance for new small site switchboards including LV cabling and connection to existing power supply	Item			30,000.00
Lighting				\$78,000.00
SR Service Relocations				
213 Allowance to adjust existing pit lids to suit new levels (PC Sum)	Item			100,000.00
214 No allowance to relocate existing services	Note			Excl.
217 No allowance to upgrade existing in-ground services infrastructure	Note			Excl.
Service Relocations				\$100,000.00
SW Stormwater				
193 Allowance to adjust existing stormwater pit lids to suit new kerbing including adjusting lids	Item			15,000.00
194 Allowance to relocate existing stormwater pits to suit new kerb alignment including connection into existing stormwater	Item			40,000.00
216 No allowance to upgrade existing stormwater infrastructure	Note			Excl.
Stormwater				\$55,000.00
COC Contractors On-Costs				
182 Preliminaries and Supervision	Item			220,000.00
212 Temporary work	Item			32,500.00
183 Traffic Management	Item			160,000.00
Contractors On-Costs				\$412,500.00
POC Project On-Costs				
184 Design Development Contingency	Item			115,000.00
185 Construction Contingency	Item			175,000.00
Project On-Costs				\$290,000.00
MILITARY ROAD NORTH WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT				\$2,569,062.30

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MR MILITARY ROAD

MRS MILITARY ROAD SOUTH

MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
DE Demolition and Site Clearance				
192 Clear site of rubbish and debris	m ²	4,530	0.20	906.00
141 Cut down existing large street trees including grubbing out roots and dispose off site	No	1	3,500.00	3,500.00
23 Saw cut existing pavement ready for removal	m	384	15.00	5,760.00
31 Take up existing asphalt and dispose debris off site	m ²	2,073	14.50	30,058.50
38 Take up existing block paved footpath and dispose debris off site	m ²	436	17.00	7,412.00
37 Take up existing concrete footpath and dispose debris off site	m ²	526	30.00	15,780.00
139 Take up existing asphalt footpath and dispose debris off site	m ²	34	19.00	646.00
40 Take up existing block paved driveway crossover and dispose debris off site	m ²	37	23.00	851.00
39 Take up existing concrete driveway crossover and dispose debris off site	m ²	295	33.00	9,735.00
137 Take up existing asphalt driveway crossover and dispose debris off site	m ²	18	28.00	504.00
42 Take up existing concrete driveway crossover from Foodland carpark entrance and dispose debris off site	m ²	11	35.00	385.00
133 Take up existing block pavers from median island and dispose debris off site	m ²	55	33.00	1,815.00
135 Take up existing block pavers from roundabout annulus and dispose debris off site	m ²	45	33.00	1,485.00
129 Take up existing verge material and stockpile on site for reuse	m ²	957	12.00	11,484.00
136 Take up existing verge material from roundabout and dispose of spoil off site	m ²	48	24.00	1,152.00
130 Break up existing kerb and gutter and dispose debris off site	m	566	18.00	10,188.00
131 Break up existing driveway invert and dispose debris off site	m	99	30.00	2,970.00
138 Break up existing spoon drain and dispose debris off site	m	12	30.00	360.00
132 Break up existing median kerb and dispose debris off site	m	196	16.00	3,136.00
134 Break up existing kerb ramp and dispose debris off site	No	8	175.00	1,400.00
151 Allowance to take down existing street signs and dispose off site	Item			750.00
201 Allowance to locate, excavate and remove existing services made redundant (assume minimal)	Item			7,500.00
231 Allowance for sundry and unforeseen demolition	Item			20,000.00
150 No allowance do alterations to existing verandas and structures	Note			Excl.
Demolition and Site Clearance				\$137,777.50
EW Earthworks				
154 Box out existing subgrade ready for new concrete shared path including disposal of spoil off site	m ²	1,417	39.50	55,971.50
155 Box out existing subgrade ready for new driveways including disposal of spoil off site	m ²	440	45.50	20,020.00

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MR MILITARY ROAD

MRS MILITARY ROAD SOUTH

MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
156 Box out existing subgrade ready for new raised roadway including disposal of spoil off site	m ²	409	33.50	13,701.50
158 Box out existing subgrade ready for new raised roadway intersection pavement including disposal of spoil off site	m ²	525	55.00	28,875.00
162 No allowance for contaminated spoil remediation or disposal	Note			Excl.
163 No allowance for rock excavation	Note			Excl.
Earthworks				\$118,568.00
PV Pavements				
SP Shared Path				
1 Proof roll and trim subgrade ready for new pavements	m ²	1,417	10.50	14,878.50
2 Supply and place crushed rock base course to new pavements including trimming and compacting (50% of existing base course to be reused)	m ²	1,417	22.50	31,882.50
3 Supply and place concrete pavement including formwork, reinforcement joints and concrete	m ²	1,417	125.00	177,125.00
18 Extra over for exposed aggregate concrete pavements	m ²	1,417	25.00	35,425.00
167 No allowance for sealer to exposed aggregate concrete pavements	m ²	1,417		Excl.
4 Allowance to match existing footpaths	m	20	55.00	1,100.00
Shared Path				\$260,411.00
RRD Raised Road Crossovers				
19 Proof roll and trim subgrade ready for new pavements	m ²	339	10.50	3,559.50
117 Supply and place crushed rock base course to raised intersections including trimming and compacting (50% of existing base course to be reused)	m ²	339	33.00	11,187.00
21 Construct asphalt ramps to raised intersections	m ²	42	175.00	7,350.00
22 Construct asphalt to raised road crossover	m ²	298	155.00	46,190.00
Raised Road Crossovers				\$68,286.50
RPC Raised Pedestrian Crossing				
90 Proof roll and trim subgrade ready for new raised pedestrian crossing	m ²	70	10.50	735.00
91 Supply and place crushed rock sub base including trimming and compacting (50% of existing base course to be reused)	m ²	70	30.00	2,100.00
92 Supply and place fine crushed rock sub base including trimming and compacting (50% of existing base course to be reused)	m ²	70	34.50	2,415.00
93 Construct asphalt ramp to pedestrian crossing	m ²	27	175.00	4,725.00
94 Supply and place asphalt to raised pedestrian crossing	m ²	44	155.00	6,820.00
Raised Pedestrian Crossing				\$16,795.00
DW Driveways				
11 Proof roll and trim subgrade ready for new pavements	m ²	440	10.50	4,620.00

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MRS MILITARY ROAD SOUTH

MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
12 Supply and place crushed rock as base to new driveway including trimming and compacting (50% of existing base course to be reused)	m ²	440	28.50	12,540.00
14 Supply and place concrete or similar to driveways	m ²	440	140.00	61,600.00
17 Extra over for exposed aggregate concrete driveways	m ²	440	25.00	11,000.00
204 No allowance for sealer to exposed aggregate concrete pavements	m ²	440		Excl.
Driveways				\$89,760.00
INT Intersection Pavement				
62 Proof roll and trim subgrade ready for new pavements	m ²	525	10.50	5,512.50
63 Supply and place crushed rock sub base to raised intersection including trimming and compacting (50% of existing base course to be reused)	m ²	525	28.00	14,700.00
64 Supply and place fine crushed rock base course to new intersection including trimming and compacting (50% of existing base course to be reused)	m ²	525	33.00	17,325.00
120 Construct concrete ramp to intersection including formwork, reinforcement and concrete	m ²	55	230.00	12,650.00
65 Supply and place trafficable interlocking unit pavers on sand bed (PC Supply \$85/m ²)	m ²	470	165.00	77,550.00
66 No allowance to seal pavers	Note			Excl.
Intersection Pavement				\$127,737.50
TS Tactile Surface				
98 Supply and place tactile pavers or similar on a mortar bed	m ²	24	450.00	10,800.00
Tactile Surface				\$10,800.00
KR Kerb Reinstatement				
205 Allow to reinstate existing bitumen roadway 300mm wide where new kerb installed including sub base, base course, wearing course	m	539	95.00	51,205.00
Kerb Reinstatement				\$51,205.00
PR Plane and Reinstatement Existing Roadway				
77 Plane existing asphalt and dispose debris off site	m ²	2,519	8.50	21,411.50
78 Supply and place prime to roadway	m ²	2,519	4.50	11,335.50
81 Supply and place asphalt to roadway	m ²	2,519	30.50	76,829.50
Plane and Reinstatement Existing Roadway				\$109,576.50
Pavements				\$734,571.50
CW Concrete Works				
115 Concrete kerb and gutter	m	446	85.00	37,910.00
114 Concrete edge kerb	m	178	70.00	12,460.00
116 Concrete median kerb	m	7	80.00	560.00
113 Driveway crossover	m	94	140.00	13,160.00

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MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
112 Pram Ramp	No	1	1,450.00	1,450.00
198 No allowance for dark oxide treatment to kerbing	Note			Excl.
Concrete Works				\$65,540.00
LM Line Marking				
188 Solid white line	m	357	2.50	892.50
206 Solid dash line to on-street carparking	m	436	4.00	1,744.00
187 Hold line	m	19	30.00	570.00
186 Pedestrian crossing bars	m	31	25.00	775.00
164 Allowance for miscellaneous line marking	Item			2,500.00
Line Marking				\$6,481.50
LA Landscaping				
GB Garden Beds				
43 No allowance for detailed preparation for new garden beds including disposal of excess spoil off site	m ²	1,467		Excl.
228 Condition existing soil including the addition of compost to new garden beds	m ²	1,467	23.00	33,741.00
44 Deep rip subgrade ready for new garden beds	m ²	1,467	6.50	9,535.50
45 No allowance for imported topsoil to garden beds	m ²	1,467		Excl.
46 Supply and place organic mulch to garden beds	m ²	1,467	10.50	15,403.50
123 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	5,866	17.00	99,722.00
54 Supply and place irrigation system to garden beds	m ²	1,467	25.00	36,675.00
207 Allowance for conduit between garden beds for irrigation supply including excavation, bedding and backfilling	Item			5,000.00
199 Allowance to connect into existing water system	Item			15,000.00
208 Allowance for new water meter to garden beds including connections	Item			5,000.00
48 Allowance for 52 week maintenance period	Item			15,000.00
47 No allowance for sundry and feature plantings	Item			Excl.
200 No allowance for stratacells or similar to new landscaping	Note			Excl.
Garden Beds				\$235,077.00
LB Lawn Beds				
49 Condition existing soil including the addition of compost to new lawn beds	m ²	133	23.00	3,059.00
50 Deep rip and cultivate subgrade ready for new lawn beds	m ²	133	6.50	864.50
52 Supply and place instant turf	m ²	133	17.00	2,261.00
53 Supply and place irrigation system to lawn beds	m ²	133	30.00	3,990.00
128 Supply and install steel edging or similar between lawn and garden beds	m	117	65.00	7,605.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MR MILITARY ROAD

MRS MILITARY ROAD SOUTH

MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
51 No allowance for topsoil to lawn beds	m ²	133		Excl.
Lawn Beds				\$17,779.50
WSUD WSUD				
56 Detailed excavation for new WSUD including disposal of spoil off site	m ²	63	180.00	11,340.00
57 Deep rip and cultivate subgrade ready for new garden bed	m ²	63	6.50	409.50
58 Supply and place filter media, transition layers, submergence zone and drainage layers to WSUD	m ²	63	350.00	22,050.00
124 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	251	19.00	4,769.00
59 Allowance for stormwater to WSUD including pits, AG drain, risers and connection into existing stormwater	No	3	6,000.00	18,000.00
WSUD				\$56,568.50
TR Trees				
168 Supply and install 100L trees including preparation (PC Sum \$450 Tree Supply and Install)	No	43	450.00	19,350.00
Trees				\$19,350.00
Landscaping				\$328,775.00
FF Furniture, Fitments and Signage				
165 Supply and install new U.A.P shift bench seat including footing	No	4	8,500.00	34,000.00
222 Supply and install 'Main Street' precinct wayfinding signage including footing	No	1	600.00	600.00
220 Supply and install 'Main Street' precinct large signage including footing	No	1	9,500.00	9,500.00
232 Allowance for miscellaneous wayfinding and directional signage	Item			5,000.00
170 Allowance for bins including footings	Item			5,000.00
171 Allowance for statuary road signage	Item			7,500.00
Furniture, Fitments and Signage				\$61,600.00
LI Lighting				
175 Supply and install 'WE-EF VFL500' street lights including footing, pole, luminaire and associated electrical connections	No	7	12,000.00	84,000.00
211 Allowance for new small site switchboards including LV cabling and connection to existing power supply	Item			30,000.00
Lighting				\$114,000.00
SR Service Relocations				
213 Allowance to adjust existing pit lids to suit new levels (PC Sum)	Item			100,000.00
214 No allowance to relocate existing services	Note			Excl.
217 No allowance to upgrade existing in-ground services infrastructure	Note			Excl.
Service Relocations				\$100,000.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MR MILITARY ROAD

MRS MILITARY ROAD SOUTH

MRS1 Military Road South with Interlocking Pavers on a Flexible Base

Intersection Pavement (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
SW Stormwater				
193 Allowance to adjust existing stormwater pit lids to suit new kerbing including adjusting lids	Item			15,000.00
194 Allowance to relocate existing stormwater pits to suit new kerb alignment including connection into existing stormwater	Item			40,000.00
216 No allowance to upgrade existing stormwater infrastructure	Note			Excl.
			Stormwater	\$55,000.00
COC Contractors On-Costs				
182 Preliminaries and Supervision	Item			200,000.00
212 Temporary work	Item			30,000.00
183 Traffic Management	Item			147,500.00
			Contractors On-Costs	\$377,500.00
POC Project On-Costs				
184 Design Development Contingency	Item			105,000.00
185 Construction Contingency	Item			160,000.00
			Project On-Costs	\$265,000.00
			MILITARY ROAD SOUTH WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT	\$2,364,813.50

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSE MAIN STREET EAST

MSE1 Asphalt Option

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
DE Demolition and Site Clearance				
192 Clear site of rubbish and debris	m ²	4,874	0.20	974.80
23 Saw cut existing pavement ready for removal	m	54	15.00	810.00
31 Take up existing asphalt and dispose debris off site	m ²	3,809	14.50	55,230.50
38 Take up existing block paved footpath and dispose debris off site	m ²	509	17.00	8,653.00
37 Take up existing concrete footpath and dispose debris off site	m ²	13	30.00	390.00
40 Take up existing block paved driveway crossover and dispose debris off site	m ²	81	23.00	1,863.00
133 Take up existing block pavers from median island and dispose debris off site	m ²	46	33.00	1,518.00
129 Take up existing verge material and stockpile on site for reuse	m ²	125	12.00	1,500.00
140 Take up existing landscaping from median and dispose debris off site	m ²	262	24.00	6,288.00
143 Take up existing landscaping from verge and dispose debris from site	m ²	32	18.00	576.00
130 Break up existing kerb and gutter and dispose debris off site	m	304	18.00	5,472.00
131 Break up existing driveway invert and dispose debris off site	m	39	30.00	1,170.00
132 Break up existing median kerb and dispose debris off site	m	298	16.00	4,768.00
134 Break up existing kerb ramp and dispose debris off site	No	2	175.00	350.00
174 Allowance to protect existing large pine trees throughout construction	No	11	80.00	880.00
151 Allowance to take down existing street signs and dispose off site	Item			500.00
201 Allowance to locate, excavate and remove existing services made redundant (assume minimal)	Item			5,000.00
231 Allowance for sundry and unforeseen demolition	Item			20,000.00
150 No allowance do alterations to existing verandas and structures	Note			Excl.
Demolition and Site Clearance				\$115,943.30
EW Earthworks				
154 Box out existing subgrade ready for new concrete shared path including disposal of spoil off site	m ²	1,276	39.50	50,402.00
155 Box out existing subgrade ready for new driveways including disposal of spoil off site	m ²	198	45.50	9,009.00
161 Box out existing subgrade ready for new asphalt pavement including disposal of spoil off site	m ²	2,492	48.50	120,862.00
162 No allowance for contaminated spoil remediation or disposal	Note			Excl.
163 No allowance for rock excavation	Note			Excl.
Earthworks				\$180,273.00
PV Pavements				
SP Shared Path				
1 Proof roll and trim subgrade ready for new pavements	m ²	1,276	10.50	13,398.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSE MAIN STREET EAST

MSE1 Asphalt Option (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
2 Supply and place crushed rock base course to new pavements including trimming and compacting (50% of existing base course to be reused)	m ²	1,276	22.50	28,710.00
3 Supply and place concrete pavement including formwork, reinforcement joints and concrete	m ²	1,276	125.00	159,500.00
18 Extra over for exposed aggregate concrete pavements	m ²	1,276	25.00	31,900.00
167 No allowance for sealer to exposed aggregate concrete pavements	m ²	1,276		Excl.
4 Allowance to match existing footpaths	m	4	55.00	220.00
Shared Path				\$233,728.00
DW Driveways				
11 Proof roll and trim subgrade ready for new pavements	m ²	198	10.50	2,079.00
12 Supply and place crushed rock as base to new driveway including trimming and compacting (50% of existing base course to be reused)	m ²	198	28.50	5,643.00
14 Supply and place concrete or similar to driveways	m ²	198	140.00	27,720.00
17 Extra over for exposed aggregate concrete driveways	m ²	198	25.00	4,950.00
204 No allowance for sealer to exposed aggregate concrete pavements	m ²	198		Excl.
Driveways				\$40,392.00
MSR Main Street Road				
30 Proof roll and trim subgrade ready for new pavements	m ²	2,492	10.50	26,166.00
32 Supply and place crushed rock base course to new Main Street including trimming and compacting (50% of existing base course to be reused)	m ²	2,492	24.50	61,054.00
33 Supply and place fine crushed rock base course to new Main Street pavers including trimming and compacting (50% of existing base course to be reused)	m ²	2,492	28.50	71,022.00
122 Supply and place prime to roadway	m ²	2,492	4.50	11,214.00
41 Supply and place asphalt including primer	m ²	2,492	30.50	76,006.00
Main Street Road				\$245,462.00
TS Tactile Surface				
98 Supply and place tactile pavers or similar on a mortar bed	m ²	11	450.00	4,950.00
Tactile Surface				\$4,950.00
PR Plane and Reinstate Existing Roadway				
77 Plane existing asphalt and dispose debris off site	m ²	57	8.50	484.50
78 Supply and place prime to roadway	m ²	57	4.50	256.50
81 Supply and place asphalt to roadway	m ²	57	30.50	1,738.50
Plane and Reinstate Existing Roadway				\$2,479.50
Pavements				\$527,011.50
CW Concrete Works				
115 Concrete kerb and gutter	m	342	85.00	29,070.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSE MAIN STREET EAST

MSE1 Asphalt Option (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
114 Concrete edge kerb	m	16	70.00	1,120.00
116 Concrete median kerb	m	346	80.00	27,680.00
113 Driveway crossover	m	36	140.00	5,040.00
112 Pram Ramp	No	1	1,450.00	1,450.00
198 No allowance for dark oxide treatment to kerbing	Note			Excl.
Concrete Works				\$64,360.00
LM Line Marking				
188 Solid white line	m	682	2.50	1,705.00
164 Allowance for miscellaneous line marking	Item			3,000.00
Line Marking				\$4,705.00
LA Landscaping				
GB Garden Beds				
43 No allowance for detailed preparation for new garden beds including disposal of excess spoil off site	m ²	954		Excl.
228 Condition existing soil including the addition of compost to new garden beds	m ²	954	23.00	21,942.00
44 Deep rip subgrade ready for new garden beds	m ²	954	6.50	6,201.00
45 No allowance for imported topsoil to garden beds	m ²	954		Excl.
46 Supply and place organic mulch to garden beds	m ²	954	10.50	10,017.00
123 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	3,813	17.00	64,821.00
54 Supply and place irrigation system to garden beds	m ²	954	25.00	23,850.00
207 Allowance for conduit between garden beds for irrigation supply including excavation, bedding and backfilling	Item			5,000.00
199 Allowance to connect into existing water system	Item			5,000.00
208 Allowance for new water meter to garden beds including connections	Item			5,000.00
48 Allowance for 52 week maintenance period	Item			15,000.00
47 No allowance for sundry and feature plantings	Item			Excl.
200 No allowance for stratacells or similar to new landscaping	Note			Excl.
Garden Beds				\$156,831.00
TR Trees				
168 Supply and install 100L trees including preparation (PC Sum \$450 Tree Supply and Install)	No	42	450.00	18,900.00
Trees				\$18,900.00
Landscaping				\$175,731.00
FF Furniture, Fitments and Signage				
165 Supply and install new U.A.P shift bench seat including footing	No	4	8,500.00	34,000.00
222 Supply and install 'Main Street' precinct wayfinding signage including footing	No	1	600.00	600.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSE MAIN STREET EAST

MSE1 Asphalt Option (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
220 Supply and install 'Main Street' precinct large signage including footing	No	1	9,500.00	9,500.00
232 Allowance for miscellaneous wayfinding and directional signage	Item			10,000.00
169 Allowance for bike racks including integrated locking and monitoring technologies and footings	Item			10,000.00
170 Allowance for bins including footings	Item			7,500.00
171 Allowance for statutory road signage	Item			5,000.00
Furniture, Fitments and Signage				\$76,600.00
LI Lighting				
178 Supply and install street lights including footing, pole, 2x luminaire and associated electrical connections	No	2	15,000.00	30,000.00
211 Allowance for new small site switchboards including LV cabling and connection to existing power supply	Item			30,000.00
Lighting				\$60,000.00
SR Service Relocations				
213 Allowance to adjust existing pit lids to suit new levels (PC Sum)	Item			50,000.00
214 No allowance to relocate existing services	Note			Excl.
217 No allowance to upgrade existing in-ground services infrastructure	Note			Excl.
Service Relocations				\$50,000.00
SW Stormwater				
193 Allowance to adjust existing stormwater pit lids to suit new kerbing including adjusting lids	Item			10,000.00
194 Allowance to relocate existing stormwater pits to suit new kerb alignment including connection into existing stormwater	Item			25,000.00
216 No allowance to upgrade existing stormwater infrastructure	Note			Excl.
Stormwater				\$35,000.00
COC Contractors On-Costs				
182 Preliminaries and Supervision	Item			150,000.00
212 Temporary work	Item			22,500.00
183 Traffic Management	Item			110,000.00
Contractors On-Costs				\$282,500.00
POC Project On-Costs				
184 Design Development Contingency	Item			80,000.00
185 Construction Contingency	Item			120,000.00
Project On-Costs				\$200,000.00
ASPHALT OPTION				\$1,772,123.80

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSW MAIN STREET WEST (PLAZA)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
DE Demolition and Site Clearance				
192 Clear site of rubbish and debris	m ²	1,873	0.20	374.60
23 Saw cut existing pavement ready for removal	m	8	15.00	120.00
31 Take up existing asphalt and dispose debris off site	m ²	1,059	14.50	15,355.50
38 Take up existing block paved footpath and dispose debris off site	m ²	604	17.00	10,268.00
139 Take up existing asphalt footpath and dispose debris off site	m ²	36	19.00	684.00
39 Take up existing concrete driveway crossover and dispose debris off site	m ²	28	33.00	924.00
137 Take up existing asphalt driveway crossover and dispose debris off site	m ²	16	28.00	448.00
133 Take up existing block pavers from median island and dispose debris off site	m ²	75	33.00	2,475.00
143 Take up existing landscaping from verge and dispose debris from site	m ²	58	18.00	1,044.00
130 Break up existing kerb and gutter and dispose debris off site	m	113	18.00	2,034.00
131 Break up existing driveway invert and dispose debris off site	m	15	30.00	450.00
132 Break up existing median kerb and dispose debris off site	m	88	16.00	1,408.00
144 Demolish small garden brick retaining wall and dispose debris off site	m	45	85.00	3,825.00
134 Break up existing kerb ramp and dispose debris off site	No	3	175.00	525.00
145 Remove existing planter boxes and return to Council	No	6	140.00	840.00
146 Take down existing bollards including footings and disposal off site	No	9	110.00	990.00
147 Take down existing post box and store on site for reuse	No	1	400.00	400.00
148 Take down existing shadecloth canopy and dispose debris off site	No	1	1,950.00	1,950.00
151 Allowance to take down existing street signs and dispose off site	Item			500.00
201 Allowance to locate, excavate and remove existing services made redundant (assume minimal)	Item			2,500.00
231 Allowance for sundry and unforeseen demolition	Item			10,000.00
150 No allowance do alterations to existing verandas and structures	Note			Excl.
Demolition and Site Clearance				\$57,115.10
EW Earthworks				
157 Box out existing subgrade ready for new paved areas including disposal of spoil off site	m ²	809	38.50	31,146.50
160 Box out existing subgrade ready for new trafficable paved areas including disposal of spoil off site	m ²	331	43.50	14,398.50
162 No allowance for contaminated spoil remediation or disposal	Note			Excl.
163 No allowance for rock excavation	Note			Excl.
Earthworks				\$45,545.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSW MAIN STREET WEST (PLAZA) (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
PV Pavements				
PP Plaza Pavement				
7 Proof roll and trim subgrade ready for new pavements	m ²	809	10.50	8,494.50
8 Supply and place crushed rock base course to new plaza unit pavers including trimming and compacting	m ²	809	24.50	19,820.50
9 Supply and place multi-tonal pavers to Plaza area on sand bed (PC Sum \$150/m ²)	m ²	809	295.00	238,655.00
10 No allowance to seal pavers	Note			Excl.
Plaza Pavement				\$266,970.00
SSCP Shared Surface Car Park Access				
100 Proof roll and trim subgrade ready for new shared surface car park access	m ²	331	10.50	3,475.50
101 Supply and place crushed rock as sub base to new carpark pavers including trimming and compacting (50% of existing base course to be reused)	m ²	331	24.50	8,109.50
102 Construct concrete base to pavers including formwork, reinforcement and concrete	m ²	331	155.00	51,305.00
103 Supply and place pavers to Plaza shared access area on mortar bed (PC Sum \$150/m ²)	m ²	331	380.00	125,780.00
105 No allowance to seal pavers	Note			Excl.
Shared Surface Car Park Access				\$188,670.00
TS Tactile Surface				
98 Supply and place tactile pavers or similar on a mortar bed	m ²	15	450.00	6,750.00
Tactile Surface				\$6,750.00
STA Stenciled Asphalt Pavement				
84 Plane existing asphalt and dispose debris off site	m ²	550	10.50	5,775.00
88 Supply and place AC10 hotmix 40mm thick or similar wearing course to new bitumen roadway	m ²	550	60.50	33,275.00
89 Extra over for stencil finish to asphalt (select to budget)	m ²	341	150.00	51,150.00
Stenciled Asphalt Pavement				\$90,200.00
Pavements				\$552,590.00
CW Concrete Works				
114 Concrete edge kerb	m	134	70.00	9,380.00
198 No allowance for dark oxide treatment to kerbing	Note			Excl.
197 No allowance to replace kerbing and tactiles on Seaview Road	Note			Excl.
Concrete Works				\$9,380.00
LM Line Marking				
188 Solid white line	m	23	2.50	57.50
190 Chevron marking	m ²	8	85.00	680.00
189 Disabled symbol	No	2	150.00	300.00
164 Allowance for miscellaneous line marking	Item			3,000.00
Line Marking				\$4,037.50

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSW MAIN STREET WEST (PLAZA) (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
LA Landscaping				
GB Garden Beds				
43 No allowance for detailed preparation for new garden beds including disposal of excess spoil off site	m ²	142		Excl.
228 Condition existing soil including the addition of compost to new garden beds	m ²	142	23.00	3,266.00
44 Deep rip subgrade ready for new garden beds	m ²	142	6.50	923.00
45 No allowance for imported topsoil to garden beds	m ²	142		Excl.
46 Supply and place organic mulch to garden beds	m ²	142	10.50	1,491.00
123 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	566	17.00	9,622.00
54 Supply and place irrigation system to garden beds	m ²	142	25.00	3,550.00
207 Allowance for conduit between garden beds for irrigation supply including excavation, bedding and backfilling	Item			2,500.00
199 Allowance to connect into existing water system	Item			5,000.00
208 Allowance for new water meter to garden beds including connections	Item			5,000.00
48 Allowance for 52 week maintenance period	Item			15,000.00
47 No allowance for sundry and feature plantings	Item			Excl.
200 No allowance for stratacells or similar to new landscaping	Note			Excl.
Garden Beds				\$46,352.00
LB Lawn Beds				
49 Condition existing soil including the addition of compost to new lawn beds	m ²	388	23.00	8,924.00
50 Deep rip and cultivate subgrade ready for new lawn beds	m ²	388	6.50	2,522.00
52 Supply and place instant turf	m ²	388	17.00	6,596.00
53 Supply and place irrigation system to lawn beds	m ²	388	30.00	11,640.00
51 No allowance for topsoil to lawn beds	m ²	388		Excl.
Lawn Beds				\$29,682.00
TR Trees				
168 Supply and install 100L trees including preparation (PC Sum \$450 Tree Supply and Install)	No	21	450.00	9,450.00
Trees				\$9,450.00
TD Timber Decking				
106 Locally excavate ground below deck to accommodate sub frame including stockpiling spoil on site	m ²	348	180.00	62,640.00
210 Concrete footings including excavation, reinforcement and concrete to support timber deck framing	m ²	348	350.00	121,800.00
109 Timber framing to deck including fixings and connections	m ²	348	650.00	226,200.00
110 Supply and install timber decking including fixings and connections	m ²	348	400.00	139,200.00
Timber Decking				\$549,840.00
Landscaping				\$635,324.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSW MAIN STREET WEST (PLAZA) (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
FF Furniture, Fitments and Signage				
166 Supply and install GRC seating including footings	m	97	3,000.00	291,000.00
177 Supply and install new bollards including footings	No	19	2,400.00	45,600.00
221 Supply and install 'Main Street' precinct minor signage including footing	No	1	3,000.00	3,000.00
232 Allowance for miscellaneous wayfinding and directional signage	Item			5,000.00
169 Allowance for bike racks including integrated locking and monitoring technologies and footings	Item			20,000.00
170 Allowance for bins including footings	Item			7,500.00
226 Allowance for smart bins to plaza area including footings	Item			50,000.00
171 Allowance for statuary road signage	Item			2,500.00
223 Allowance for interactive signage including footings and connections	Item			15,000.00
180 Allowance for WIFI access points to Plaza	Item			15,000.00
173 Allowance for integrated Artworks (PC Sum)	Item			50,000.00
191 Allowance for proprietary wireless charging station integrated into new seating	Item			10,000.00
227 No allowance for furniture to Henley Square and Esplanade	Note			Excl.
Furniture, Fitments and Signage				\$514,600.00
LI Lighting				
179 Supply and install ESCOFET 'FUL' feature lights including footing, pole, 3 x luminaire and associated electrical connections	No	6	30,000.00	180,000.00
219 Supply and install reinforced bored concrete pier for new feature light including excavation, reinforcement and concrete	No	6	4,500.00	27,000.00
211 Allowance for new small site switchboards including LV cabling and connection to existing power supply	Item			30,000.00
Lighting				\$237,000.00
SR Service Relocations				
213 Allowance to adjust existing pit lids to suit new levels (PC Sum)	Item			50,000.00
214 No allowance to relocate existing services	Note			Excl.
217 No allowance to upgrade existing in-ground services infrastructure	Note			Excl.
Service Relocations				\$50,000.00
SW Stormwater				
193 Allowance to adjust existing stormwater pit lids to suit new kerbing including adjusting lids	Item			10,000.00
194 Allowance to relocate existing stormwater pits to suit new kerb alignment including connection into existing stormwater	Item			25,000.00
216 No allowance to upgrade existing stormwater infrastructure	Note			Excl.
Stormwater				\$35,000.00
COC Contractors On-Costs				
182 Preliminaries and Supervision	Item			250,000.00
212 Temporary work	Item			35,000.00

MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

MS MAIN STREET

MSW MAIN STREET WEST (PLAZA) (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
183 Traffic Management	Item			182,500.00
Contractors On-Costs				\$467,500.00
POC Project On-Costs				
184 Design Development Contingency	Item			135,000.00
185 Construction Contingency	Item			200,000.00
Project On-Costs				\$335,000.00
MAIN STREET WEST (PLAZA)				\$2,943,091.60

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MILITARY ROAD AND MAIN STREET STREETScape

Main Street Precinct | Concept Estimate

Intersection Pavers on a Flexible Base

INT MILITARY ROAD/MAIN STREET INTERSECTION

INT1 MILITARY ROAD/MAIN STREET INTERSECTION WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
DE Demolition and Site Clearance				
192 Clear site of rubbish and debris	m ²	1,099	0.20	219.80
23 Saw cut existing pavement ready for removal	m	27	15.00	405.00
31 Take up existing asphalt and dispose debris off site	m ²	762	14.50	11,049.00
38 Take up existing block paved footpath and dispose debris off site	m ²	190	17.00	3,230.00
133 Take up existing block pavers from median island and dispose debris off site	m ²	27	33.00	891.00
129 Take up existing verge material and stockpile on site for reuse	m ²	5	12.00	60.00
140 Take up existing landscaping from median and dispose debris off site	m ²	73	24.00	1,752.00
143 Take up existing landscaping from verge and dispose debris from site	m ²	46	18.00	828.00
130 Break up existing kerb and gutter and dispose debris off site	m	68	18.00	1,224.00
132 Break up existing median kerb and dispose debris off site	m	85	16.00	1,360.00
134 Break up existing kerb ramp and dispose debris off site	No	6	175.00	1,050.00
201 Allowance to locate, excavate and remove existing services made redundant (assume minimal)	Item			2,500.00
231 Allowance for sundry and unforeseen demolition	Item			5,000.00
Demolition and Site Clearance				\$29,568.80
EW Earthworks				
157 Box out existing subgrade ready for new paved areas including disposal of spoil off site	m ²	607	38.50	23,369.50
160 Box out existing subgrade ready for new trafficable paved areas including disposal of spoil off site	m ²	100	43.50	4,350.00
158 Box out existing subgrade ready for new raised roadway intersection pavement including disposal of spoil off site	m ²	386	55.00	21,230.00
162 No allowance for contaminated spoil remediation or disposal	Note			Excl.
163 No allowance for rock excavation	Note			Excl.
Earthworks				\$48,949.50
PV Pavements				
PAI Footpath Pavers to Intersection				
67 Proof roll and trim subgrade ready for new pavements	m ²	326	10.50	3,423.00
68 Supply and place crushed rock base including trimming and compacting (50% of existing base course to be reused)	m ²	326	22.50	7,335.00
70 Supply and place pavers to Plaza area on sand bed (PC Sum \$150/m ²)	m ²	326	305.00	99,430.00
71 No allowance to seal pavers	Note			Excl.
Footpath Pavers to Intersection				\$110,188.00
INT Intersection Pavement				
62 Proof roll and trim subgrade ready for new pavements	m ²	386	10.50	4,053.00

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Intersection Pavers on a Flexible Base

INT MILITARY ROAD/MAIN STREET INTERSECTION

INT1 MILITARY ROAD/MAIN STREET INTERSECTION WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
63 Supply and place crushed rock sub base to raised intersection including trimming and compacting (50% of existing base course to be reused)	m ²	386	28.00	10,808.00
64 Supply and place fine crushed rock base course to new intersection including trimming and compacting (50% of existing base course to be reused)	m ²	386	33.00	12,738.00
120 Construct concrete ramp to intersection including formwork, reinforcement and concrete	m ²	43	230.00	9,890.00
65 Supply and place trafficable interlocking unit pavers on sand bed (PC Supply \$85/m ²)	m ²	344	165.00	56,760.00
66 No allowance to seal pavers	Note			Excl.
Intersection Pavement				\$94,249.00
PP Plaza Pavement				
7 Proof roll and trim subgrade ready for new pavements	m ²	281	10.50	2,950.50
8 Supply and place crushed rock base course to new plaza unit pavers including trimming and compacting	m ²	281	24.50	6,884.50
9 Supply and place multi-tonal pavers to Plaza area on sand bed (PC Sum \$150/m ²)	m ²	281	295.00	82,895.00
Plaza Pavement				\$92,730.00
SSCP Shared Surface Car Park Access				
100 Proof roll and trim subgrade ready for new shared surface car park access	m ²	100	10.50	1,050.00
101 Supply and place crushed rock as sub base to new carpark pavers including trimming and compacting (50% of existing base course to be reused)	m ²	100	24.50	2,450.00
102 Construct concrete base to pavers including formwork, reinforcement and concrete	m ²	100	155.00	15,500.00
103 Supply and place pavers to Plaza shared access area on mortar bed (PC Sum \$150/m ²)	m ²	100	380.00	38,000.00
Shared Surface Car Park Access				\$57,000.00
TS Tactile Surface				
98 Supply and place tactile pavers or similar on a mortar bed	m ²	45	450.00	20,250.00
Tactile Surface Pavements				\$20,250.00
CW Concrete Works				
115 Concrete kerb and gutter	m	9	85.00	765.00
114 Concrete edge kerb	m	207	70.00	14,490.00
198 No allowance for dark oxide treatment to kerbing	Note			Excl.
Concrete Works				\$15,255.00
LM Line Marking				
188 Solid white line	m	35	2.50	87.50
187 Hold line	m	11	30.00	330.00

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Intersection Pavers on a Flexible Base

INT MILITARY ROAD/MAIN STREET INTERSECTION

INT1 MILITARY ROAD/MAIN STREET INTERSECTION WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
186 Pedestrian crossing bars	m	81	25.00	2,025.00
164 Allowance for miscellaneous line marking	Item			1,500.00
Line Marking				\$3,942.50
LA Landscaping				
GB Garden Beds				
43 No allowance for detailed preparation for new garden beds including disposal of excess spoil off site	m ²	89		Excl.
228 Condition existing soil including the addition of compost to new garden beds	m ²	89	23.00	2,047.00
44 Deep rip subgrade ready for new garden beds	m ²	89	6.50	578.50
45 No allowance for imported topsoil to garden beds	m ²	89		Excl.
46 Supply and place organic mulch to garden beds	m ²	89	10.50	934.50
123 Supply and plant ground covers and shrubs to garden beds (assumed 4 plants/m ²)	No	356	17.00	6,052.00
54 Supply and place irrigation system to garden beds	m ²	89	25.00	2,225.00
207 Allowance for conduit between garden beds for irrigation supply including excavation, bedding and backfilling	Item			2,500.00
199 Allowance to connect into existing water system	Item			2,500.00
200 No allowance for stratacells or similar to new landscaping	Note			Excl.
Garden Beds				\$16,837.00
TR Trees				
168 Supply and install 100L trees including preparation (PC Sum \$450 Tree Supply and Install)	No	9	450.00	4,050.00
Trees				\$4,050.00
Landscaping				\$20,887.00
FF Furniture, Fitments and Signage				
221 Supply and install 'Main Street' precinct minor signage including footing	No	2	3,000.00	6,000.00
232 Allowance for miscellaneous wayfinding and directional signage	Item			10,000.00
170 Allowance for bins including footings	Item			5,000.00
171 Allowance for statuary road signage	Item			2,000.00
Furniture, Fitments and Signage				\$23,000.00
SR Service Relocations				
213 Allowance to adjust existing pit lids to suit new levels (PC Sum)	Item			25,000.00
214 No allowance to relocate existing services	Note			Excl.
217 No allowance to upgrade existing in-ground services infrastructure	Note			Excl.
Service Relocations				\$25,000.00

MILITARY ROAD AND MAIN STREET STREETScape

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Intersection Pavers on a Flexible Base

INT MILITARY ROAD/MAIN STREET INTERSECTION

INT1 MILITARY ROAD/MAIN STREET INTERSECTION WITH
INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION
PAVEMENT (continued)

Rates Current At February 2019

Description	Unit	Qty	Rate	Total
SW Stormwater				
216 No allowance to upgrade existing stormwater infrastructure	Note			Excl.
	Stormwater			Excl.
COC Contractors On-Costs				
182 Preliminaries and Supervision	Item			70,000.00
212 Temporary work	Item			10,000.00
183 Traffic Management	Item			47,500.00
	Contractors On-Costs			\$127,500.00
POC Project On-Costs				
184 Design Development Contingency	Item			35,000.00
185 Construction Contingency	Item			55,000.00
	Project On-Costs			\$90,000.00
				\$758,519.80
MILITARY ROAD/MAIN STREET INTERSECTION WITH INTERLOCKING PAVERS ON A FLEXIBLE BASE INTERSECTION PAVEMENT				

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