

CRETS Transport Strategy Cost Estimate					
Item	Description	Unit	Quantity	Rate \$	Amount \$
1.0	General				
1.1	Site Establishment - including insurances etc to meet the contract requirements	LS	1	7,498,231.55	7,498,231.55
1.2	Traffic Management and plan	LS	1	3,749,115.77	3,749,115.77
2.0	Corridor A				
2.1	Motorway Construction (Halswell Junction to S.H.No.1)				
2.1.1	Motorway Construction to 4 lanes Section 1	m	6990	1,670.00	11,673,300.00
2.1.2	Land required 50m wide. Halswell Junction west to rail (Quarry)	Sq.m	32500	14.40	468,000.00
2.1.3	Land required 50m wide (Rural)	Sq.m	295000	14.40	4,248,000.00
2.1.4	Land required 50m wide (Rural area 4)	Sq.m	25000	4.50	112,500.00
2.1.5	Land required - Existing Housing	No Lots	6	500,000.00	3,000,000.00
2.2	Upgrade Intersections				
2.2.1	(A1) Intersection Motorway with Springs, 2 Overbridges	LS	1	7,600,000.00	7,600,000.00
2.2.2	(A2) Intersection Motorway with Shands, Interchange	LS	1	7,200,000.00	7,200,000.00
2.2.3	(A3) Intersection Blakes & Trents, Overbridge and Close	LS	1	3,000,000.00	3,000,000.00
2.2.4	(A4) Intersection Waterholes Rd. Overbridge no connection	LS	1	3,950,000.00	3,950,000.00
2.2.5	(A5) Intersection Motorway/SH1 Y Interchange no ramps	LS	1	2,970,000.00	2,970,000.00
3.0	Corridor B				
3.1	4 Laning Johns - Russley Rd				
3.1.1	Groynes to Sawyers Arms 4 lanes to Section 2	m	6495	1,200.00	7,794,000.00
3.1.2	Sawyers Arms to Memorial 4 lanes to Section 2	m	3125	1,200.00	3,750,000.00
3.1.3	Memorial to Yaldhurst 4 lanes to Section 2	m	3290	1,200.00	3,948,000.00
3.1.4	Pound Rd. to Waterloo Rd. 2 lanes to Section 5	m	4400	435.00	1,914,000.00
3.1.5	New Links to S.H.No.1 2 lanes to Section 3	m	370	780.00	288,600.00
3.1.6	Carmen Rd Yaldhurst to Railway Line 4 Lanes to Section 2	m	2350	1,200.00	2,820,000.00
3.1.7	Land required	LS	1	3,920,000.00	3,920,000.00
3.2	Upgrade Intersections				
3.2.1	(B1) Intersection Johns Rd. with The Groynes Priority	LS	1	70,000.00	70,000.00
3.2.2	(B2) Intersection Johns Rd. with Gardiners Left in Left out	LS	1	90,000.00	90,000.00
3.2.3	(B3) Intersection Johns Rd. Wilkinsons new Roundabout	LS	1	1,200,000.00	1,200,000.00
3.2.4	(B5) Intersection Johns Rd. McLean Island New Link with Left in	LS	1	1,590,000.00	1,590,000.00
3.2.5	(B6) Intersection Johns with Harewood Upgrade Existing Roundabout	LS	1	200,000.00	200,000.00
3.2.6	(B7) Intersection Johns with Wairakei Remove Existing Roundabout	LS	1	500,000.00	500,000.00
3.2.7	(B8) Intersection Johns with Memorial Full Diamond plus signals x 3	LS	1	10,000,000.00	10,000,000.00
3.2.8	(B9) Intersection Russley with Avonhead Close intersection	LS	1	45,000.00	45,000.00
3.2.9	(B10) Intersection Russley with Capital A New Intersection (Seagull)	LS	1	400,000.00	400,000.00
3.2.10	(B11) Intersection Russley with Ryans Rd. Left in Left out	LS	1	90,000.00	90,000.00
3.2.11	(B14) Intersection Pound with Buchanans Upgrade Existing Roundabout	LS	1	250,000.00	250,000.00
3.2.12	(B15) Intersection Pound with Roberts Priority	LS	1	70,000.00	70,000.00
3.2.13	(B16) Intersection Pound with S.H.No.1 Signals	LS	1	240,000.00	240,000.00
3.2.14	(B18) Intersection Waterloo with Carmen Signals	LS	1	240,000.00	240,000.00
4.0	Corridor D				
4.1	4 Laning S.H.No.1 Motorway Junction to Rolleston				
4.1.1	4 lanes to Section 2	m	3250	1,080.00	3,510,000.00
4.1.2	Land required 40m wide Existing 20m (inner plains)	Sq.m	55500	4.50	249,750.00

CRETS Transport Strategy Cost Estimate					
Item	Description	Unit	Quantity	Rate \$	Amount \$
4.2	Upgrade Intersections				
4.2.1	(D1) Intersection Robinsons Rd. with S.H.No.1 Left in Left out	LS	1	135,000.00	135,000.00
4.2.2	(D2) Intersection Berketts Rd. with S.H.No.1 Left in Left out	LS	1	90,000.00	90,000.00
4.2.3	(D3) Intersection Larcombs Rd, with S.H.No.1 Left in	LS	1	45,000.00	45,000.00
4.2.4	(D4) Intersection Weedons with S.H.No.1 Diamond Interchange	LS	1	6,000,000.00	6,000,000.00
4.2.5	(D5) Intersection Hoskyns Roundabout with Jones Rd., Overbridge over SH to link with Rolleston	LS	1	2,312,000.00	2,312,000.00
4.2.6	(D6) Intersection Tennyson with Slip Lane on S.H.No.1 Left in Left out	LS	1	492,000.00	492,000.00
4.2.7	(D7) Intersection New Link with S.H.No.1 Left in Left out, Right out	LS	1	150,000.00	150,000.00
5.0	Corridor E				
5.1	Road Construction				
5.1.1	New Road Construction 2 lanes to Section 3	m	2800	1,080.00	3,024,000.00
5.1.2	Road Reconstruction 2 lanes to Section 5	m	11000	435.00	4,785,000.00
5.1.3	Land required 20m wide (Rural)	Sq.m	56000	20.00	1,120,000.00
5.2	Upgrade Intersections				
5.2.1	(E1) Intersection Birmingham with Annex Priority	LS	1	70,000.00	70,000.00
5.2.2	(E2) Intersection Curletts with Wigram Overbridge no connection	LS	1	2,775,000.00	2,775,000.00
5.2.3	(E3) Intersection Wigram with Treffers Left in Left out	LS	1	90,000.00	90,000.00
5.2.4	(E4) Intersection Wigram with Haytons Roundabout	LS	1	1,200,000.00	1,200,000.00
5.2.5	(E5) Intersection Wigram with Nash Priority	LS	1	70,000.00	70,000.00
5.2.6	(E6) Intersection New Link with Dunbars Roundabout with Bridge over Motorway	LS	1	3,475,000.00	3,475,000.00
5.2.7	(E7) Intersection Wigram with Halswell Junction Roundabout	LS	1	1,200,000.00	1,200,000.00
5.2.8	(E8) Intersection New Link with Quaifes Roundabout	LS	1	1,200,000.00	1,200,000.00
5.2.9	(E9) Intersection Whincopss with Downies Priority	LS	1	70,000.00	70,000.00
5.2.10	(E10) Intersection Whincops with Fountains Priority	LS	1	70,000.00	70,000.00
5.2.11	(E11) Intersection Longstaff with Trices Priority	LS	1	70,000.00	70,000.00
5.2.12	(E12) Intersection Longstaff with Tosswill Priority	LS	1	70,000.00	70,000.00
5.2.13	(E13) Intersection Tosswill with Ellesmere Priority	LS	1	70,000.00	70,000.00
5.2.14	(E14) Intersection Ellesmere with Leaders Priority	LS	1	70,000.00	70,000.00
5.2.15	(E15) Intersection Ellesmere with Robinsons Priority	LS	1	70,000.00	70,000.00
5.2.16	(E16) Intersection Ellesmere with Tancreds Priority	LS	1	70,000.00	70,000.00
5.2.17	(E17) Intersection Ellesmere with New Link 1 new Intersection + Priority	LS	1	190,000.00	190,000.00
6.0	Corridor F				
6.1	Road Construction (Reconstruct Road to 4 Lane)				
6.1.1	Road Reconstruction 4 lanes to Section 2	m	2585	1,080.00	2,791,800.00
6.1.2	Land required 20m wide Existing 20m (Rural)	Sq.m	25700	20.00	514,000.00
6.2	Upgrade Intersections				
6.2.1	(F1) Intersection S.H.No.75 with Curletts Signals	LS	1	240,000.00	240,000.00
6.2.2	(F2) Intersection S.H.No.75 with Tankerville Left in Left out	LS	1	90,000.00	90,000.00
6.2.3	(F3) Intersection S.H.No.75 with Kinnaird Left in Left out	LS	1	90,000.00	90,000.00
6.2.4	(F4) Intersection S.H.No.75 with Warren Priority	LS	1	70,000.00	70,000.00
6.2.5	(F5) Intersection S.H.No.75 with Rowley Priority	LS	1	70,000.00	70,000.00
6.2.6	(F6) Intersection S.H.No.75 with Warren Left in Left out	LS	1	90,000.00	90,000.00
6.2.7	(F7) Intersection S.H.No.75 with Cardinal Left in Left out	LS	1	90,000.00	90,000.00
6.2.8	(F8) Intersection S.H.No.75 with Henderson/Templetons new Intersection with Signals and left in left out	LS	1	500,000.00	500,000.00
6.2.9	(F9) Intersection S.H.No.75 with Nash Priority	LS	1	70,000.00	70,000.00
6.2.10	(F10) Intersection S.H.No.75 with Dunbars Signals	LS	1	240,000.00	240,000.00

CRETS Transport Strategy Cost Estimate					
Item	Description	Unit	Quantity	Rate \$	Amount \$
7.0	Corridor G				
7.1	Road Construction				
7.1.1	New Road Construction 2 lanes to Section 3	m	1450	1,080.00	1,566,000.00
7.1.2	Road Reconstruction 2 lanes to Section 5	m	8700	435.00	3,784,500.00
7.1.3	Land required 20m wide (Rural)	Sq.m	29000	14.40	417,600.00
7.2	Upgrade Intersections				
7.2.1	(G1) Intersection S.H.No.75 with Candys Priority	LS	1	70,000.00	70,000.00
7.2.2	(G2) Intersection Candys with Sabys New Intersection	LS	1	120,000.00	120,000.00
7.2.3	(G3) Intersection Quaifes new Link New Intersection	LS	1	120,000.00	120,000.00
7.2.4	(G4) Intersection Trices with Ellesmere Priority	LS	1	45,000.00	45,000.00
7.2.5	(G5) Intersection Trices with Tosswill Priority	LS	1	70,000.00	70,000.00
7.2.6	(G6) Intersection Trices with Birches Priority	LS	1	70,000.00	70,000.00
7.2.7	(G7) Intersection Trices with Springs new intersection + Priority	LS	1	190,000.00	190,000.00
7.2.8	(G8) Intersection Hamptons with Shands Priority	LS	1	70,000.00	70,000.00
7.2.9	(G9) Intersection Hamptons with Waterholes Priority	LS	1	45,000.00	45,000.00
8.1	New Road Construction				
8.1.1	New Road Construction Byron St. 2 lanes to Section 3	m	420	785.00	329,700.00
8.1.2	Land required 20m wide (Rural)	Sq.m	9240	14.40	133,056.00
8.1.3	New Road Construction to Section 7 Rolleston Dr.	m	560	944.30	528,808.00
8.1.4	New Road Construction to Section 7 New Link.	m	4760	944.30	4,494,868.00
8.2	Upgrade Intersections				
8.2.1	New Intersection at each end of new Road Section	LS	2	90,000.00	180,000.00
8.3	Road Reconstruction to Sections 7 and 8	0	0	0.00	0.00
8.3.1	Weedons Road - widening to 10m (existing 5.7m)	m	890	273.90	243,771.00
8.3.2	Levi Road - widening to 10m (existing 6.8m)	m	1650	252.54	416,691.00
8.3.3	Lowes Road - widening to 14m (existing 11m)	m	1700	412.20	700,740.00
8.3.4	Lowes Road - widening to 14m (existing 6.5m)	m	675	670.90	452,857.50
8.3.5	Dunns Crossing Road - widening to 8.5m (existing 6.5m)	m	1350	300.92	406,242.00
8.3.6	Walkers Road - widening to 7m (existing 5.5m)	m	660	233.64	154,202.40
8.3.7	Rolleston Drive North - widening to 16m (existing 12m)	m	650	332.16	215,904.00
8.3.8	Rolleston Drive - widening to 16m (existing 13m)	m	240	437.30	104,952.00
8.3.9	Jones Road - widening to 10m (existing 6.2m)	m	2300	354.68	815,764.00
9.0	New Railway Crossing W1				
9.1	New Road Construction 2 lanes plus Railway Crossing	LS	1	600,000.00	600,000.00
10.0	Railway Rd Widening				
10.1	Reconstruct Railway Rd to Section 10	LS	1	2,835,000.00	2,835,000.00
11.0	Rolleston Lincoln Corridor				
11.1	Road Construction (Reconstruct Road to 4 Lane)				
11.1.1	Road Reconstruction 2 lanes to Section 9	m	7770.0	395.00	3,069,150.00
11.2	Upgrade Intersections				
11.2.1	(H1) Intersection with Ellesmere Junction Upgrade	LS	1.0	120,000.00	120,000.00
11.2.2	(H2) Intersection Intersection with Shands/Weedons New Intersection	LS	1.0	250,000.00	250,000.00
11.2.3	(H3) Intersection with Waterholes Priority	LS	1.0	70,000.00	70,000.00
11.2.4	(H4) Intersection with Rattletrack Priority	LS	1.0	70,000.00	70,000.00
11.2.5	(H5) Intersection Selwyn Priority	LS	1.0	70,000.00	70,000.00
11.2.6	(H6) Intersection with Dynes Priority	LS	1.0	35,000.00	35,000.00

CRETS Transport Strategy Cost Estimate					
Item	Description	Unit	Quantity	Rate \$	Amount \$
12.0	Hornby Rolleston Corridor				
12.1	Road Construction RP 0.700 to RP 2.595 (1895m 8.5m existing)				
12.1.1	Road Reconstruction to Section 4	m	1895.0	365.00	691,675.00
12.2	Road Construction RP 2.595 to RP 5.630 (3035m 8.75m existing)				
12.2.1	Road Reconstruction to Section 4	m	3035.0	365.00	1,107,775.00
12.3	Road Construction RP 5.630 to RP 10.110 (4480m 6m existing)				
12.3.1	Road Reconstruction to Section 9	m	4480.0	395.00	1,769,600.00
12.4	Road Construction RP 10.425 to RP 13.060 (2635m 6m existing)				
12.4.1	Road Reconstruction to Section 9	m	2635.0	395.00	1,040,825.00
12.5	Upgrade Intersections				
12.5.1	Upgrade cross road intersections with splitter islands tapers and new signage	Each	10.0	70,000.00	700,000.00
12.5.2	Change Priority of intersection with new Tee, Shands Selwyn	Each	1.0	250,000.00	250,000.00
12.5.3	Change intersection Selwyn Rd to Lincoln Rolleston Rd to 200m R curve with Te	Each	1.0	300,000.00	300,000.00
13.0	Contingencies @ 30%	LS	1	48,363,593.47	48,363,593.47
14.0	Professional Fees @ 15%	LS	1	20,957,557.17	20,957,557.17
15.0	Total				230,533,128.85