List of Mapua/Ruby Bay Projects in LTCCP 2009
Appendix1

ITEM	COST $ (est.)	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020	2020-2029
TRANSPORT													
Walkway/cycleway Coastal Highway (Aranui Rd – Seaton Valley Rd)	22,500				✓								
Walkway/cycleway Seaton Valley Rd (SH60 to Dawson Rd)	165,000				✓								
Walkway/cycleway Gardener Valley/Seaton Valley	100,000		✓										
Mapua Waterfront Carpark	90,000	✓											
FCC site, kerb & channel work	23,100	✓											
Aranui Rd kerb & channel	113,300			✓									
Higgs Rd kerb & channel	42,600			✓									
Tahi St kerb & channel	131,900				✓								
Aranui Rd streetscape	870,000									✓	✓	✓	
Aranui Rd cables underground	350,000							✓					
COASTAL													
Mapua wharf deck and pile replacement	60,000			✓									
Ruby Bay Coastal Protection	80,000										✓		2028-2029
Ruby Bay Coastal Protection	80,000	✓										✓	
Mapua inundation bund	300,000												2020-2022

ITEM	COST $ (est.)	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020	2020-2029
WATER SUPPLY													
Aranui Rd replacement main	692,100						✓						
Mapua pipeline renewals	300,000												2023-2028
Mapua metre renewals	301,600											✓	
Brabant Dr booster PS	5,000							✓					
Pine Hill reservoir & PS	74,600		✓ 9,800										2026-2027
Mapua restrictor renewals	57,200												2023-2024
Coastal pipeline	7,836,500		✓	✓	✓	✓	✓	✓					
Coastal pipeline	8,639,800		✓	✓	✓	✓	✓	✓					
STORMWATER													
School Rd drain	97,000								✓				
Langford Dr	301,300											✓	
Pinehill Heights	350,900												
Ruby Bay	384,600	✓	✓										
Seaton Valley drain	696,100	✓	✓										
WASTEWATER													
Aranui Rd pumpstation upgrade	1,046,600												
Aranui Rd-Higgs Rd pumpstation upgrade & storage	97,200								✓	✓			
Higgs Rd upgrade & storage PS1	152,000						✓	✓					
Higgs Rd PS2	43,600							✓					
Higgs Rd PS3	43,600							✓					
Leisure Park PS2	13,500							✓					
Leisure Park PS upgrade	71,000												
Wharf upgrade	1,575,500	✓	✓										

ITEM	COST $ (est.)	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020	2020-2029
Pipeline renewals	200,000								✓				2021-2022
Ruby Bay PS upgrade & storage	149,600								✓	✓			
Seaton Valley PS	1,124,160												TBC
Stafford Drive PS & RM upgrade	2,378,000				✓	✓							
Toru St PS upgrade & storage	150,600							✓	✓				
Upgrade trunk main to Bell Island	2,055,800	✓											
Upgrade trunk main to Rabbit Island	253,700												2021-2022
School PS telemetry	10,400												2025-2026
School PS upgrade	39,800	✓											
Mapua Rising Main NRUS	14,000	✓											