

APPENDIX A

Moss Vale Action Plan

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Argyle St North- Western Side												
1a	1	Argyle St	North	at Sutor Rd	No pedestrian crossing facilities are provided at the roundabout at the intersection of Robertson Road and Argyle Street, in particular the splitter islands are not designed for pedestrians nor are there any kerb extensions or pedestrian ramps. Very few pedestrians were observed to be crossing at this roundabout	The approaches to the roundabout should be re-designed to provide for pedestrians	Low					\$20,000
	2	Argyle St	North	from Sutor Rd to Hawkins St	There is no paved footpath on the northern side of Argyle Street between Hawkins St and Sutor Road, yet the nature strip shows that considerable numbers of pedestrians use this route. There is also no paving between the bus shelter and the road kerb	Install a paved footpath on the northern side of Argyle Street.	High	250	\$100/m	\$25,000		
	3	Hawkins St	East	from Hoskins St to Argyle St	This is an old housing area with public housing. Residents are within a short walking distance to the CBD	construct footpath	Medium	250	\$100/m		\$25,000	
	4	Hawkins St	East	at McCleery Ave	This should be designed as an Access Route to cater to the elderly in this precinct	construct ramps	Medium	2	\$1,000		\$2,000	
	3	Argyle St	North	West of Hawkins St	There is no paved footpath on the northern side of Argyle Street between the railway access and Hawkins St, yet the nature strip shows that considerable numbers of pedestrians use this route. This route would also provide disabled access to the railway station	Install a paved footpath on the northern side of Argyle Street. Kerb extensions and a pedestrian refuge are also required across Argyle Street just to the west of Hawkins Street.	High	250	\$100/m	\$25,000		
	4	Argyle St		at Valetta St	Large expanse of pavement to be crossed at Valetta St (13 metres)	Install kerb extensions south of this intersection if signals do not proceed	Low	2	\$2,500			\$5,000
	5	Argyle St		access road to near railway station	pedestrian access this route to the pedestrian overbridge to Lackey Rd as well as railway station	Raised pedestrian refuge and kerb extensions	Medium	1	\$15,000		\$15,000	
	6	Railway Access	North	at Station	No direct route is provided to the platforms with pedestrian ramped to use the road rather than the longer path around the footpath. No disabled parking spaces	Install disabled parking spaces	Medium				\$4,000	
	6	Railway access road	North	at pedestrian overbridge	Bad visibility for pedestrians (particularly children) on the railway footbridge and cars heading up from the station, as pedestrians have to step onto the road after crossing the bridge	Remove vegetation restricting visibility	Maintenance					
	7	Railway access road	North	at pedestrian overbridge	Alert motorists of pedestrian overbridge	install 2 pedestrian warning signs	High	2	\$200	\$400		
	8	Railway access road	North	West of Argyle St	The footpath on the southern side of the railway station access has trees growing over most of the path	Remove tree branches growing over the footpath	Maintenance					
	9	Argyle St		at Moss Vale Mall	Moss Vale Mall comes out onto Argyle St just to the east/north of the clock-tower. Visibility to the right for pedestrians crossing here is restricted by parked cars and the crest and curve on Argyle St	Require a crossing facility where this walkway comes out onto Argyle Street. This should consist of kerb extensions to improve pedestrian vehicle visibility and a raised pedestrian refuge	High	1	\$15,000	\$15,000		
	10	Argyle St		from Kirkham to Valetta St	Section of Argyle Street between Kirkham Street and Miss Vale Mall is wide and associated with random pedestrian movements	Painted centre median on this section of road at the least from from Valetta Street to Kirkham St incorporating the recommended pedestrian refuges (costed elsewhere)	High	400m	\$50/m	\$20,000		

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	11	Argyle St	North	Railway station vehicle access	There is a wide expanse of pavement (24 metres) where the railway station access intersects with Argyle Street. Pedestrian ramps point out on the diagonal	Consider installing a pedestrian median at this intersection and standard pedestrian ramps	Low					\$7,000
	12	Argyle St	North	Access to station	Pedestrian access from the clock tower to the railway station is not suitable for mobility impaired persons	upgrade pavement surface to comply with access path standards	High	maintenance				
	13	Argyle St	North	South of clocktower	Access to the railway station and bus stops	Raised pedestrian refuge and kerb extensions	High	1	\$15,000	\$15,000		
	14	Argyle St		at Kirkham	Marked pedestrian crossing on Argyle Street at Kirkham Street is across a wide expanse of road. The banning of right turns out of Kirkham Street at this intersection results in vehicles using the local streets of Moss Vale (Elizabeth Street to access Argyle Street.	Traffic signals at this intersection would provide for a regulated crossing point at the location of the existing marked pedestrian crossing, as well as having traffic advantages for the movement of traffic in Moss Vale	High			\$120,000		
	15	Argyle St		West of Arthur	Provide a pedestrian crossing point on Argyle St to the west of Arthur St. Argyle is around 15 metres wide and also visibility from the western kerb on Argyle St is blocked by parked vehicles on Argyle St towards the rail overbridge	Install kerb extensions and a pedestrian refuge on Argyle St	High			\$15,000		
	16	Argyle St	North	at Lackey Rd	Pedestrians on Argyle Street required to cross the expanse of pavement (14 metres) where Lackey Road intersects with Argyle Street, pedestrian ramp on western side at hotel has a verandah post in the middle and is unusable	Install splitter island with pedestrian gap and new standard ramp on western side	High	1	\$10,000	\$10,000		
	17	Argyle St	North	at Lackey Rd	Wide expanse to be crossed with no facilities to the west of Lackey Road	Provide pedestrian refuge and kerb extensions on Argyle Street just to the west of Lackey Road	High			\$15,000		
	18	Argyle St	North	east of Walle St	Wide expanse (13 metres) to be crossed with no facilities	Provide pedestrian refuge and kerb extensions on Argyle Street just to the east of Walle Street	High			\$15,000		
	19	Argyle St	North	Willow to Yarrawa	No footpath on the northern side of Argyle Street between Willow Drive and Yarrawa Street despite the obvious pedestrian demand shown by the path worn in the nature strip. Footpath is past a variety of commercial landuse (including hardware shop)	Install paved footpath	Medium	400	\$100/m		\$40,000	
	20	Yarrawa St	West	North of Argyle	Bus shelter in Yarrawa Street does not have paved footpath connection	Extend the recommended footpath in Argyle Street around to the bus shelter	Medium	20	\$100/m		\$2,000	
	21	Argyle St	South	at Willow Driv	Wide Road could be difficult to cross, a pedestrian facility could be considered but pedestrian volumes would be low	splitter island with kerb extensions	Low	1	\$10,000			\$10,000
	22	Willow Drive	West	Argyle St to Mann Cres	No footpath on the western side of Willow Drive to connect Argyle Street with the camping ground and the neighbourhood shopping centre (not well used). Also no connection to the bus shelter on Argyle Street to the west of Willow Drive	Construct footpath on the western side of Willow Drive from the shops to the bus shelter	Low	450	\$100/m			\$45,000
	23	Argyle St	North	# 198	Raised gap between path slabs	Repair pavement	Maintenance					
	24	Argyle St	North	west of service station	Poor pavement condition	Repair or replace pavement	Maintenance					
	25	Argyle St	North	# 186	Poor pavement condition	Repair or replace pavement	Maintenance					
	26	Argyle St	South	# 190	Poor pavement condition	Repair or replace pavement	Maintenance					
	27	Argyle St	North	Opposite Spring St	Uneven footpath at utility cover, very bad	Repair and provide even pavement	Maintenance					
	28	Argyle St	North	Mitsubishi Driveway	Uneven footpath at utility cover	Repair and provide even pavement	Maintenance					
	29	Argyle St	North	By Hairdresser	Uneven pavement at utility cover	Repair	Maintenance					
	30	Argyle St	North	Butchers shop	Uneven pavement at utility cover	Repair	Maintenance					
TOTAL ROUTE COST - ROUTE 1A										\$275,400	\$88,000	\$87,000

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Route No.	Action No.	Street	Side	Location	Comments	Action	Priority	Distance / No	Total Cost			
									Unit Cost	High Priority	Medium Priority	Low Priority
Argyle St South Eastern Side												
1b	1	Argyle St	South	at Arthur	Large expanse of pavement to be crossed (13 metres), pedestrian ramps set well back from the intersection so pedestrians do not tend to use them	Install raised pedestrian median and kerb extensions to narrow crossing for pedestrians. Narrow the pavement as much as can be done having regard to turning pairs of trucks	High	1	\$12,000	\$12,000		
	2	Argyle St	South	Railway overbridge	Steps lead down to Argyle Street yet not an obvious crossing point. There is a fence between the road and the footpath on the northern side of Argyle Street	Unless there is a purpose for these steps, remove and/or close gap in the fence	High			\$2,000		
	3	Argyle St	South	at Railway St	Wide pavement to be crossing on Railway Street (19 metres), a pedestrian ramp is provided on the eastern side but not on the western side	Narrow intersection down as much as possible having regard to truck tracking with pedestrian median and kerb extensions, pedestrian ramps on both sides of Railway Street	Medium	1	\$15,000	\$15,000		
	4	Argyle St	South	at Spring St	Wide expanse of pavement (19 metres) to be crossed on Spring Street	Install median pedestrian refuge (splitter island) with kerb extensions	Low	1	\$10,000			\$10,000
	5	Argyle St	South	Tennis Club	Path leading down to car park and community centre leads into car park not dedicated pathway to community centre. Not ramp onto the carpark from the path	Form connection path to community centre by linking up with the existing pavers in front of the community centre	Medium	1	\$10,000			\$10,000
	6	Argyle St	South	Antique shop	13 metre wide road with no crossing facilities	Consider kerb extensions and pedestrian refuge to the east of Spring St	Low					\$15,000
	7	Yarrowa St	East	South of Argyle St	Eastern nature strip of Yarrowa Street has a well worn pedestrian path	Consider a paved footpath up to the club car park	Low	100	\$100/m			\$10,000
	8	Argyle St	South	at North St	Pedestrian ramps do not line up	readjust ramps to AS standard	Low	2	\$1,000			\$2,000
	9	Yarrowa St	East	RSL Club	Inadequate access from club car park on the eastern side of Yarrowa Street and the RSL club. Pedestrian use the driveway from the car park and there are no ramps or paved path to the entrance of the club on the western side of Yarrowa Street.	Audit access from the car park to the club and at least provide a dedicated pedestrian path with kerb ramps and a sealed footpath from the kerbs. Prevent cars from parking in front of the pedestrian access provided	Low					\$10,000
	10	Argyle St	South	At Merritt Drive	No pedestrian ramp on western side of side-street. Well worn path in naturestrip suggests considerable pedestrian demand up the side-road	install ramp	Low	1	\$1,000			\$1,000
	11	Argyle St	South	east of railway overbridge	Cracked pavement	Repair cracks	Maintenance					

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Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Total Cost		
									Unit Cost	High Priority	Medium Priority
	12	Argyle St	South	Westpac	Cracked utility cover	Repair utility cover	Maintenance				
	13	Argyle St	South	Menswear shop	Uneven surface around utility cover, very bad	Repair utility cover	Maintenance				
	14	Argyle St	South	Opposite "Kitchen Company"	Depressed section of path presents a hazard	Repair to create an even footpath	Maintenance				
	15	Argyle St	South	outside vet surgery	Deterioration in pavers could trip pedestrians	Repair pavers	Maintenance				
	16	Argyle St	South	Moss Vale collectables	Deterioration in pavers around utility cover	Repair pavers	Maintenance				
	17	Argyle St	South	East of North St	Uneven pavement slabs also overhanging vegetation	Repair of replace, prune vegetation	Maintenance				
	18	Argyle St	South	Club carpark	Poor footpath condition	Repair of replace	Maintenance				
	19	Argyle St	South	West of RSL club	Badly cracked footpath	Repair of replace	Maintenance				
	20	Argyle St	South	RSL service driveway	Poor footpath across the entry to the RSL club car park	Repair footpath	Maintenance				
	21	Argyle St	South	West of North St	Vegetation drastically narrows the paved footpath	Prune vegetation back to the edge of the footpath and maintain	Maintenance				
	22	Argyle St	South	West of Willow Drive	Vegetation drastically narrows the paved footpath	Prune vegetation back to the edge of the footpath and maintain	Maintenance				
	23	Argyle St	South	# 616	Tree branches hang low over the footpath	Prune offending tree branches	Maintenance				
	24	Argyle St	South	Railway overbridge	Overhanging branches	Prune branches	Maintenance				
	25	Argyle St	South	# 540	Uneven footpath around utility cover	Even footpath	Maintenance				
	26	Argyle St	South	West of 540	Uneven footpath around grate, raised grate	Even footpath	Maintenance				
	27	Argyle St	South	East of Yarrawa St	Uneven footpath around utility cover	Even footpath	Maintenance				
	28	Argyle St	South	East pedestrian signals	Uneven cracks around utility cover	Ensure even pavement around cover	Maintenance				
	29	Argyle St	South	East of Railway St	Mud track suggests that pedestrians do not use the paved path and cross Railway Street at its intersection with Argyle Street	Watching brief - no immediate action recommended at this stage					
TOTAL ROUTE COST - ROUTE 1B									\$14,000	\$25,000	\$48,000

MOSS VALE ACTION PLAN										Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance No.	Unit Cost	High Priority	Medium Priority	Low Priority
High School Route												
2	1	Young St	West	from Nrelian Rd to Robertson Rd	no footpath to cater to high school students	construct footpath on the western side	Medium	400	\$100/m		\$40,000	
	2	Robertson St	South	west of Young St	Paved footpath ends half way between Elizabeth St and Pine St. this is a trafficked route & children should not walk on road	Install paved footpath on the southern side of Robertson Road between Elizabeth Street and Young Street	High	700	\$100/m	\$70,000		
	3	Robertson St	South	West of Elizabeth St	Uneven and poor pavement condition	Repair or replace pavement	Maintenance					
	4	Robertson St	South	at Elizabeth St	Very wide expanse of pavement (24 metres) to be crossed where Elizabeth St intersects with Robertson Rd, no pedestrian ramps	Install central pedestrian refuge and kerb ramps	Low	1	\$15,000			\$15,000
	5	Argyle St	East	from Robertson Rd to Kings Rd	within walking catchment of High school - no footpath for school children on main road to access residential area north of railway line	construct footpath	Medium	700	\$100/m		\$70,000	
TOTAL ROUTE COST - ROUTE 2										\$70,000	\$110,000	\$15,000
Elizabeth St												
3	1	Elizabeth St	West	from Kirkham St to walkway to supermarket	due to the medical clinics, this is a route used by seniors and mobility impaired from	Upgrade as an access route for seniors	Maintenance					
	2	Elizabeth St	West	from walkway to parking on eastern side	the car park next to the Masonic Centre is a convenient overflow car park for shoppers and patients accessing the medical centre	pedestrian refuge as the road may be too narrow for kerb extensions	Medium	1	\$10,000		\$10,000	
	3	Elizabeth St	West	north of walkway	the grade steepens substantially - the eastern side has more residential frontages and should be maintained for pedestrian use							
	4	Elizabeth St	East	Opp Argyle X-ray	Uneven pavement at utility cover	Repair	Maintenance					
	5	Elizabeth St	East	# 58	Uneven pavement at utility cover	Repair	Maintenance					
	7	Donkin Ave	North	Donkin Pre-school	Uneven pavement at utility cover	Repair	Maintenance					
	8	Elizabeth St	East	Masonic Temple	Vegetation restricts use of footpath	Prune vegetation	Maintenance					
	9	Elizabeth St	East	# 60	No footpath provided for around 50 metres	Install paved footpath	Medium	50	\$100/m		\$5,000	
	10	Elizabeth St	East	at Donkin Ave	Approach to Donkin Ave has incomplete section of footpath, rough pedestrian ramps	Repair	Maintenance					
	11	Donkin Ave	North	East of Donkin	Vegetation restricts use of footpath	Prune vegetation	Maintenance					
	12	Donkin Ave	North	at playing fields south of Valetta St	Path does not continue right into the playing fields	Provide off-street connection between footpath and playing fields	Low	20	\$100/m			\$2,000
	13	Elizabeth St	East	Valetta St	Footpath in very poor condition		Maintenance					
	14	Elizabeth St	East	at Valetta St	this is a very wide and busy intersection	refer to Route 4 treatment below						
	15	Elizabeth St	East	north of Valetta St	footpath exists almost all the way to Robertson Rd	install missing section of path near Valetta st	Medium	26m	\$100/m		\$2,600	
	16	Elizabeth St	west	north of Valetta St	footpath exists all the way to Robertson Rd, but there are missing sections as well as very poor pavement in front of some driveways	upgrade continuity and quality of pavement	Low	30m	\$100/m			\$3,000
TOTAL ROUTE COST - ROUTE 3										\$0	\$17,600	\$5,000

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Total Cost			
									Unit Cost	High Priority	Medium Priority	Low Priority
Violetta St												
4	1	Violetta St	North	at Elizabeth St	The angle at which Violetta St intersects with Elizabeth St results in a very wide expanse of pavement to be crossed (35 meters). Also there is not matching pedestrian ramp on the eastern side of Elizabeth St coinciding with the one on the western side	Some form of channelisation is required at this intersection so that the approaches to the intersection can be narrowed and satisfactory pedestrian crossing points provided. A roundabout would most readily achieve this objective	High		\$75,000			
	2	Violetta St	North	North of Pine	Raised gap between path slabs	Repair pavement	Maintenance					
	3	Violetta St	North	# 38A	Raised gap between path slabs	Repair pavement	Maintenance					
	4	Violetta St	North	South of Woodville	Footpath in bad state of repair, also low trees	Repair or replace pavement, prune trees	Maintenance					
	5	Violetta St	North	# 45	Cracked pavement	Repair or replace pavement	Maintenance					
	6	Violetta St	North	# 42	Cracked pavement	Repair or replace pavement	Maintenance					
	7	Violetta St	South	South of Clarence St	Cracked pavement	Repair or replace pavement	Maintenance					
	8	Violetta St	South	South of Clarence St	Cracked pavement	Repair or replace pavement	Maintenance					
	9	Violetta St	North	South of Elizabeth	Footpath used by school children, uneven and in poor condition	Repair footpath	Maintenance					
	10	Violetta St	North	North of Pine	Low trees over footpath	Prune trees	Maintenance					
	11	Violetta St	North	North of Woodville	Trees growing low over footpath	Prune trees	Maintenance					
	12	Violetta St	North	North of Narellian Rd	Trees overhang footpath and encroach from the side as well	Prune or remove trees	Maintenance					
	13	Narellian Rd	North	East of Violetta	Trees overhang footpath and encroach from the side as well	Prune or remove trees	Maintenance					
	14	Violetta St	South	at Clarence St	Uneven pavement at pedestrian ramps	Install AS pedestrian ramps	Low	2	\$1,000		\$2,000	
	15	Violetta St	North	at Elizabeth St	Footpath on the southern side of Violetta St finishes just to the east of Elizabeth St, pedestrian ramp on the western side of Elizabeth St does not directly face one on the eastern side	major intersection design required (see action 1)	High					
	16	Violetta St	North	East of Argyle St	New footpath exists							
	17	Violetta St	North	At Pine	Pedestrian ramps provided							
	18	Violetta St	North	At Woodville	Sleep ramps at Woodville			2	\$1,000		\$2,000	
	19	Narellian Rd	North	West of High School	Paved footpath exists							
TOTAL ROUTE COST - ROUTE 4												
Clarence St & Links												
5	1	Clarence St	East	Pedestrian crossing	pedestrians cross to the west of the crossing	Suggest rail to ensure pedestrians use crossing	Medium			\$5,000		
	2	Clarence St	East	at Super Market	Appears to be a pedestrian demand to provide another formal crossing point at the northern end of the shopping centre across Clarence St - connecting supermarket and pharmacy	Provide a pedestrian crossing point.	High	1	\$7,000	\$7,000		
	3	Clarence St	West		No paved connection between the footpath and the parking area	Provide a paved footpath between the parking area and the footpath on Clarence St.	Medium	10	\$100/m	\$1,000		
	4	Clarence St	East		Disabled parking spaces use road to get access onto the footpath	Install ramp directly onto the footpath adjacent to the disable parking spaces	Medium	1	\$1,000	\$1,000		
	5	Clarence St	East		Footpath heads north from Kirkham St and then finishes without providing access the shopping area	Either extend the footpath or provide a crossing facility on Clarence Street where it ends	High			\$10,000		
	6	Clarence St	West	through Moss Vale Mall east to Elizabeth St	important pedestrian desire line	maintain the route to access path quality	High	maintenance				
TOTAL ROUTE COST - ROUTE 5												
										\$17,000	\$7,000	\$0

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Kirkham St Eastern Side												
6a	1	Kirkham St	East	at Clarence	Across Clarence St, pedestrian ramps are not opposite each other	Reconstruct AS pedestrian ramps	Medium	2	\$1,000		\$2,000	
	2	Kirkham St	East	north of Elizabeth St	Overhanging trees	Prune trees	Maintenance					
	4	Kirkham St	East	Clarence to Argyle	Kirkham St is wide (around 15 metres) and there is considerable pedestrian movements across Kirkham Street just around Clarence St	Kerb extensions and a pedestrian refuge should be installed from the walkway on the southern side of Kirkham Street to the footpath on the western side of Clarence St, also another crossing point in the vicinity of the video store. A formed of painted or raised median from Elizabeth to Argyle could be considered	High	100	\$150	\$30,000		
	5	Kirkham St		north of Elizabeth St	Crossing facilities are required on Kirkham Street just to the north of Elizabeth St, ramp on eastern side with no ramp on the western side. To the north of Elizabeth, Kirkham St is 15 metres wide	Install kerb extensions and a pedestrian refuge on Kirkham St	High	1	\$15,000	\$15,000		
	6	Elizabeth St		at Kirkham St	Crossing facilities are required where Elizabeth Street intersects with Kirkham Street. At present the pedestrian ramps on Elizabeth Street at Kirkham Street do not align and pedestrians are required to cross on the diagonal	Install kerb extensions and a pedestrian refuge on Elizabeth St as close as possible to Kirkham Street	Medium	1	\$12,000		\$12,000	
TOTAL ROUTE COST - ROUTE 6A										\$45,000	\$14,000	\$0
Kirkham St Western Side												
6b	1	Kirkham St	west	# 31	Cracked Footpath	Repair damaged footpath	Maintenance					
	2	Kirkham St	West	Lane to shops/parking	Wide side street to cross, uneven pavement. Steep pedestrian ramps	Install a form of textured pavement to provide a footpath across the entry, provide standard pedestrian ramps	Low	1	\$7,000			\$7,000
	3	Kirkham St	west	from Argyle St to 7 & including shop frontages	this section will need to be upgraded to an access path standard after the completion of works associated with the new supermarket as the number of aged pedestrian will increase in this section together with pedestrian traffic overall on this side of Kirkham St	Upgrade and maintain footpath surface	Medium	maintenance				
TOTAL ROUTE COST - ROUTE 6B										\$0	\$0	\$7,000

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Route No.	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High priority	Medium priority	Low priority
Arthur St	7	Arthur St	East	# 30	Cracked and damaged pavement	Repair replace pavement section	Maintenance					
	2	Arthur St	East	North of Mack	Cracked and damaged pavement	Repair replace pavement section	Maintenance					
	3	Arthur St	East	at Argyle St	Wide pavement on the corner of Argyle St is uneven with many uneven joins	Repair and even pavement	Maintenance					
	4	Arthur St	West	at Spring St	No pedestrian ramp on northern side one on southern side	Install pedestrian ramp	Medium	1	\$1,000		\$1,000	
	5	Arthur St	East	# 16	Uneven pavement slab joins	Even joins	Maintenance					
	6	Arthur St	East	# 20	Uneven pavement slab joins	Even joins	Maintenance					
	7	Arthur St	West	# 15A	Uneven pavement slab joins	Even joins	Maintenance					
	8	Arthur St	West	# 15	Uneven pavement slab joins	Even joins	Maintenance					
	9	Arthur St	West	# 11	Uneven pavement slab joins	Even joins	Maintenance					
	10	Arthur St	West	# 9	Uneven pavement slab joins	Even joins	Maintenance					
	11	Arthur St	East	# 14	Uneven pavement slab join	Even join	Maintenance					
	12	Arthur St		at Throsby St north to Argyle St	No provision for pedestrians to cross Arthur St. Island in the middle, large expanse of pavement to be crossed and no pedestrian ramps	Redesign satisfactory pedestrian facilities at this intersection.	Medium					\$20,000
	13	Arthur St		at Spring St	Paved footpaths on both sides of Arthur St	install ramps	Low	2	\$1,000			\$2,000
	14	Arthur St	West	at Spring St	one non standard ramp	install ramps	Low	2	\$1,000			\$2,000
	15	Arthur St	West	at Chapman St north of Spencer St	no ramps footpath missing	build footpath as properties are developed	Low	120m	\$100/m			\$12,000
TOTAL ROUTE COST - ROUTE 7										\$0	\$1,000	\$36,000

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Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Throsby Street												
8a	1	Throsby St	East	at Spring St	Damaged pavement on approaches to Spring St, large area of pavement to be crossed (25 metres)	Repair/replace pavement section, install splitter island	High	1	\$12,000	\$12,000		
	2	Throsby St	East	# 22	Cracked and damaged pavement	Repair replace pavement section	Maintenance					
	3	Throsby St	East	# 20	Cracked and damaged pavement	Repair replace pavement section	Maintenance					
	4	Throsby St	East	# 36	Cracked and damaged pavement	Repair replace pavement section	Maintenance					
	5	Throsby St	West	South of Spring St	No footpath connection between the stop and the existing paved footpath which ends at number 38. Only around 120 metres of missing footpath	Fill in gap in footpath south to the convenience store, consider pedestrian crossing point on Throsby St at the convenience store	Low	120	\$100		\$12,000	
	6	Throsby St	West	# 43	Uneven pavement at driveway where bricks have been used	Even pavement	Maintenance					
	7	Throsby St	West	at Arthur	Uneven pavement slab joints, also vegetation encroaching onto footpath	Even joins, clear vegetation	Maintenance					
	8	Throsby St	West	North of Spring St	Uneven pavement slab joints	Even joins	Maintenance					
	9	Throsby St	West	# 7	Uneven pavement slab joints, around 100 metres of footpath is in very poor condition	Even joins	Maintenance					
	10	Throsby St	West	at Spring St	No pedestrian ramp provided on southern side of Spring St	Construct AS pedestrian ramp	Medium	1	\$1,000	\$1,000		
	13	Throsby St		at walkway over railway	crossing point for pedestrians, cars travel at high speeds from the south (Yarrawa Rd)	Install pedestrian refuge near natural crossing	Low	1	\$12,000	\$12,000		
	14	Yarrawa Rd		near Darren Rd	crossing point for pedestrians from Darren Rd residential area	Install pedestrian refuge near Darren road, this will also help to slow cars	Medium	1	\$12,000	\$12,000		
TOTAL ROUTE COST - ROUTE 8A										\$12,000	\$13,000	\$24,000
Harbison Hostel-Seymour Park Link												
8b	1	Spencer St	South	from Seymour Park to Yarrawa Rd	no footpath exists outside the homes	Install footpath	Low	400	\$100/m			\$40,000
	2	Yarrawa Rd	East	from Spencer St to end of kerbed section	no footpath	Install footpath	Low	50	\$100/m	\$5,000		\$5,000
	3	Yarrawa Rd	East	in unkerbed section	this section does not have any residential frontages	seal 1m width on the road shoulder for pedestrians	Medium	300	\$20/m	\$30,000		\$30,000
	4	Yarrawa Rd	East	in unkerbed section	cars start to speed up in this section and pedestrians on road shoulder require a measure of protection and separation from vehicles in the travel lane	Install bollards	Medium	300	\$12.5/m	\$3,750		\$3,750
	5	Yarrawa Rd & Spencer St		along new footpath	this path connects the sensors accommodation to their closest park, the range of willing can be extended by occasional sealing	Install seats at 200m intervals	Low	3	\$800			\$2,400
TOTAL ROUTE COST - ROUTE 8B										\$0	\$38,750	\$47,400

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Railway St / Spring St												
9a	1	Railway St	West	South of Argyle St	Uneven joints in pavement slabs	Repair uneven slab join	Maintenance					
	2	Spring St	West	South of Spring St	Gap in footpath pavement outside Moss Vale Produce	Pave gap in footpath	High	4	\$100/m	\$400		
	3	Railway St	West	Shop laneway	Crossing of side access has poor surface	Make pavement on side street acceptable	Maintenance					
	4	Spring St	North	West of Bowling Club	Footpath ends just west of the Bowling Club	Extend footpath to Railway Street	Medium	100	\$100/m	\$10,000		
	5	Spring St	South	Railway St to Argyle St	Footpath on the southern side of Spring Street is in poor condition. Accordingly this is not nominated as a part of the pedestrian route network	Consider renovation of footpath	Low	250	\$100/m		\$25,000	
	6	Spring St	North	at Bowling Club	Disabled pedestrian access to club is via the driveway and car park	Audit access from the footpath to the club	Medium					
	7	Spring St	East of Railway St	railway underpass	Narrow railway underpass does not provide width for a separate pedestrian path. Accordingly no pedestrian route suggested under the railway line at Spring St	install sign warning pedestrians not to use underpass	High	2	\$200	\$400		
TOTAL ROUTE COST - ROUTE 9A										\$800	\$10,000	\$25,000
Railway St & railway crossing												
9b	1	Railway St	West	#47	Paved footpath ends at retirement units	Install footpath south to Yarrawa St	Low	200	\$100/m		\$20,000	
	2	Railway St	west	on kerb facing the railway	assist pedestrians who are crossing over the railway line - this includes those with prams	install ramp	Low	1	\$1,000	\$1,000		\$1,000
	3	Railway St	East	across railway line to Yarraw Rd	the crossing is fenced and has some compacted gravel, this can be upgraded for use in all weather	seal 1m width as per road shoulder standard	Low	200m	\$20/m		\$4,000	
TOTAL ROUTE COST - ROUTE 9B										\$0	\$0	\$25,000

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Waite St/Berrima Rd												
10a	1	Waite St		at Argyle St	Increase ease of crossing for children	splitter island with kerb extensions						
	2	Waite St	West	Browley St	Across Browley Street pedestrian ramps are back from the approach paths and are on a low standard	Upgrade pedestrian ramps to adequate standard	Low	2	\$1,000			\$2,000
	3	Waite St	West	Outside church	Concrete connection to road outside church, however no pedestrian ramp provided, no suitable crossing point as just north of a crest	Provide pedestrian ramp	Low	1	\$1,000			\$1,000
	4	Waite St	East	North of first residence	Worn footpath on the eastern side of Waite Street shows it is used by pedestrians. However vegetation almost forces pedestrians to use the road further to the north so the paved footpath should end as it is does at present at the end of the commercial development	At least prune vegetation so that pedestrians are not forced onto the road	Maintenance					
	5	Berrima Rd	South	from Waite St	no footpath for access to school/CBD	construct footpath to Watson Rd	Low	350	\$100/m			\$35,000
	6	Berrima Rd		at Watson Rd	crossing required to access residential area across this trafficked route and act as a vehicle speed constraint	install pedestrian refuge with kerb extensions	Medium	1	\$12,000			\$12,000
TOTAL ROUTE COST - ROUTE 10A												
Watt St Access to School												
10b	1	Bowley St	South	West of Waite St	Uneven joints of footpath plates, whole footpath is in poor repair	Renovate footpath	Maintenance					
	2	Browley St	North	School pedestrian crossing	Wide straight street conducive to high vehicle speeds approaching the school crossing. Flags in very poor condition. No pedestrian ramps	Install a pedestrian refuge and ramps at the school crossing so that it is more visible to approaching vehicles. Install traffic calming on Browley Street to slow traffic in the future. Ensure high standard flags are in use.	Medium	1	\$12,000			\$12,000
	3	Browley St	North	East of Wyatt St	Paved footpath on the northern side of Browley Street ends to the east of Wyatt St	Extend paved footpath to Yarrawa Road then through to Willow Drive	Low	320	\$100/m			\$32,000
	4	Browley St	South	# 24	Uneven joints of footpath plates	Even up joints in footpath	Maintenance					
	5	Browley St	South	outside school	Uneven joints of footpath plates	Even up joints in footpath	Maintenance					
	6	Browley St	South	West of Waite St	Uneven joints of footpath plates	Even up joints in footpath	Maintenance					
	7	Browley St	South	outside school	Uneven joint to school driveway	Even up joints	Maintenance					
	8	Willow Drive		Shopping Centre at Manns Cres	No pedestrian facilities across Willow Drive to assist pedestrians crossing to and from neighbourhood shopping centre and routes to the east and south	Construct pedestrian refuge across Willow Drive	Medium	1	\$12,000			\$12,000
	9	Mann Cres		at Willow Dr	No pedestrian facilities across Mann Crescent to assist pedestrians crossing to and from neighbourhood shopping centre and routes to the east and south	install splitter island	Low	1	\$10,000			\$10,000
TOTAL ROUTE COST - ROUTE 10B												
										\$0	\$24,000	\$42,000

MOSS VALE ACTION PLAN

Route No	Action No / Street / Parkes / Garrett / Lackey Rd	Location	Side	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
									High Priority	Medium Priority	Low Priority
11a	1 Garrett St	West	# 36	Cracks in pavement	Replace footpath slab	Maintenance					
	2 Garrett St	West	# 42	Cracks in slabs around utility cover	Repair uneven pavement	Maintenance					
	3 Garrett St	West	South Watson St	Uneven pavement around utility cover	Even pavement around cover	Maintenance					
	4 Garrett St	West	Catholic primary school	Cracks in footpath paving	Repair	Maintenance					
	5 Parkes Rd	South	from Bertina Rd to Garrett St	lack of footpath on this route used by industrial traffic	construct footpath	Medium	500	\$100/m		\$50,000	
	6 Parkes Rd		west of Garrett & Beaconsfield	no crossings for children living on northern side of Parkes Rd	install pedestrian refuge	Medium	1	\$12,000		\$12,000	
	7 Garrett St	West	at Parkes Rd	The paved footpath on Garrett Street terminates just prior to Parkes Road. No crossing facility is provided between the paved footpath on the western side of Garrett and telephone box on the eastern side.	install splitter island on Garrett St at intersection	Low	1	\$10,000		\$10,000	
	8 Garrett St	west	North of Catholic School	Signs that paved footpath once existed but now in very poor condition	Install new paved footpath	Medium	50	\$100/m		\$5,000	
	9 Innes/Garrett		at intersection	There would be a demand for pedestrians to cross the northern and western approaches to this three way intersection. That is to connect with the footpath on the western side of Garrett Street. There is already a pedestrian ramp on the southern termination of the Garrett Street footpath	Construction of kerb ramps and pedestrian refuges on the northern Garrett and western Innes approach to this intersection	Medium	2	\$12,000		\$30,000	
	10 Innes Rd	North	from Garrett to Lackey Rd	Worn path from school sign to Lackey Rd intersection	install new footpath	Low	50	\$100/m		\$5,000	
	11 Innes Rd	South	from Garrett to Lackey Rd	Footpath exists but requires maintenance as hidden under grass	this should be attended to as a high priority as a result of this being a school walking route as well as an important CBD connector from this residential area	High	maintenance				
	12 Innes Rd	South	from Garrett to Lackey Rd	complete missing section of footpath	install footpath	High	12m	\$100/m		\$1,200	
	13 Innes Rd		at Lackey Rd	school route - children require assistance across road	splitter island	High	1	\$10,000		\$10,000	
	14 Lackey Rd	West	Whites Creek	Uneven concrete covers across the bridge	Ensure even footpath across the bridge	Maintenance					
	15 Lackey Rd	West	Outside Hotel	Uneven pavers around utility cover, also restaurant sign blocks footpath	Even footpath	Maintenance					
	16 Lackey Rd	West	North of Argyle St	Pedestrians heading under the bridge cross Lackey Road to the north of Argyle Street and use unformed path on the eastern side of Lackey Road up to the railway overbridge	Pave short section of path on the eastern side of Lackey Road from Argyle Street. Install a pedestrian refuge as a crossing facility	Low	150	\$100/m		\$15,000	
	17 Lackey Rd	West	Hotel driveway	Abrupt transition from footpath to driveway	Install pedestrian ramps at driveway	Low	2	\$1,000		\$2,000	
TOTAL ROUTE COST - ROUTE 11A									\$11,200	\$97,000	\$32,000

MOSS VALE ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost			
										High Priority	Medium Priority	Low Priority	
Innes Road													
11b	1	Innes Rd	South	from Garrett St along footpath	a kerbline exists along the front of the houses this is an undeveloped frontage	install footpath	Medium	100m	\$100/m			\$10,000	
	2	Innes Rd	South	on road edge		seal road shoulder to 1 m width	High	300m	\$20/m	\$6,000			
	3	Innes Rd	South	along new sealed shoulder	this is a school route & protection is required from the travel lane	install bollards	High	300m	\$12.5/m	\$3,750			
	4	Innes Rd	South	on approach to Waite St	a kerb line exists in this section	construct footpath	Medium	20m	\$100/m	\$2,000			
	4	Waite St		at Innes Rd	this road is a trafficked route	construct pedestrian refuge	High	1	\$12,000	\$12,000			
TOTAL ROUTE COST - ROUTE 11B										\$0	\$23,750	\$10,000	\$0
Sutor Road													
12	1	Sutor Rd	West	from Argyle St to Hoskins St	no footpath exists	construct footpath	Low	150m	\$100/m			\$15,000	
	2	Sutor Rd	East	from Hoskins St to Semkin St	no footpath exists	construct footpath		500m	\$100/m			\$50,000	
TOTAL ROUTE COST - ROUTE 12										\$0	\$0	\$65,000	\$0
Watson Road Recreation Link													
13	1	Watson Rd	South	from bus shelter to Benma Rd	this would form an off road link to the off road path on Whytes Creek from this northern precinct	construct footpath	Low	525m	\$100/m			\$52,500	
	1	Watson Rd	South	from Garrett St to bus shelter	there is a well trodden path along this section	construct footpath	High	25m	\$100/m	\$2,500			
TOTAL ROUTE COST - ROUTE 13										\$0	\$2,500	\$52,500	\$0
Lackey Park Links													
14	1	Lackey Rd	West	North of railway overbridge	Paved footpath ends. While this is seen primarily as a link to the park, it is also a link for residents accessing the CBD from Lackey Rd north and Parkes Road (east). Pedestrians are regularly seen using this route and walking on the eastern side of Lackey Road.	Construct paved footpath north along Lackey Rd	Low	400m	\$100/m			\$40,000	
	2	Lackey Rd	West	North of railway overbridge	in the short term and to assist pedestrians, a sealed hotmix path could be constructed in lieu of a concrete path	construct sealed 1m path	High	400m	\$20/m	\$8,000			
	2	Lackey Rd	West	from Parkes Road to park entrance	no footpath exists here	construct hotmix path	medium	100m	\$20/m	\$2,000		\$2,000	
TOTAL ROUTE COST - ROUTE 14										\$8,000	\$8,000	\$2,000	\$40,000
Whytes Creek/Mack St TAPE Shared Path													
15	1	Kirkham St	East	from oval entry to swimming pool	a link to the swimming pool	construct shared path	Low	300m	\$100/m			\$30,000	
TOTAL ROUTE COST										\$0	\$0	\$0	\$30,000
TOTAL HIGH PRIORITY WORKS										\$554,850			\$50,000
TOTAL MEDIUM PRIORITY WORKS												\$469,350	
TOTAL LOW PRIORITY WORKS													\$50,000

APPENDIX B

Bowral Action Plan

BOWRAL ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Boothway Street to Bradman Oval												
1a	1	Boothway St	South	West of # 37	Path in poor condition	Repair	Maintenance					
	2	Boothway St	South	# 35	Path in poor condition	Repair	Maintenance					
	3	Boothway St	South	Edward St	Path in poor condition	Repair	Maintenance					
	4	St Jude St	West	Bowral to Boothway St	Well used but unpaved footpath on the western side of St Jude St	Construct paved footpath on western side of St Jude St	High	240	\$100/m	\$24,000		
	5	Boothway St	South	West of Edward	Parked cars encroach on the footpath limiting effective footpath width. Very bad footpath pavement	Introduce parking management which ensures that a full width footpath is available to pedestrians (wheel stops) Replace footpath	High	200	\$100/m	\$20,000		
	6	Boothway St	South	at Bendooley St	Footpath directs pedestrians into the travel lanes of the roundabout, actual crossing points are constructed well back from the roundabout	Install pedestrian barriers to compel pedestrians to cross away from the roundabout. Construct raised median islands on roundabout approaches to assist pedestrians. Handrails on ramps across gutters	High			\$15,000		
	7	St Jude	East	South end Bradman Museum	Path across the park lands pedestrians in angled parking on St Jude Street by Bradman Museum	Design satisfactory pedestrian connection which does not entail walking between rear of parked cars and the road	High			\$10,000		
	8	St Jude	West	Bowral to Boothway	Well worn path in nature strip indicates use by pedestrians.	Construct paved footpath on western side of St Jude St	High	150	\$100/m	\$15,000		
	9	St Jude	East	Bradman Museum	Angle parking on the eastern side of St Jude Street makes the provision of a satisfactory pedestrian path difficult. Accordingly a crossing point from the western side of St Jude Street adjacent to the Bradman Museum is suggested	Construct a formal crossing facility adjacent to the Bradman Museum entrance.	High			\$15,000		
	10	Boothway St	South	West of St Jude St	Lack of a suitable path for disabled pedestrians prompt the use of the road	construct footpath	High	200	\$100/m	\$20,000		
	11	Boothway St	North	West of Edward	Well worn path in the nature strip indicating pedestrian demand	construct footpath	High	50	\$100/m	\$5,000		
	12	Boothway St	South	at Colee	No handrails on ramps, confusing crossing	Install grab rails at ramps. Further detailed study is required to determine whether the circulation of traffic in/out at this roundabout from both car parks is necessary. A traffic movement study would be necessary with reassignment testing.	High	4	\$500	\$2,000		
	13	Boothway St	South	from Bendooley St to Woolworth car park entry	this is an important pedestrian area with a bus stop	reset pavement to accessible standard	high	maintenance				
	14	Boothway St	South	from Edward St to St Jude St	this is a seniors route	Install seat	High	1	\$800	\$800		
	15	St Jude St	West	from Boothway St to Bowral St	this is a seniors route	install seat	High	1	\$800	\$800		

Wingecarribee PAMP

BOWRAL ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
	16	Woolworths car park		on entry from Banyette St & Boolwey St	this at grade car park has a high level of car and pedestrian mix	consider signage as 10km/h Shared Zone	medium	2	\$200			\$400
	17	Woolworths car park	west	footpath outside shops	this is in very poor condition especially towards its southern end, pedestrians do not use path on eastern end but walk on travel lanes	upgrade path surface and install fence and possible seat to discourage pedestrians stepping into path of cars	High		\$2,000			
	18	Woolworths car park		raised platform on entry to Woolworth verandah	the trolley truck seems to be permanently parked over a part of this blocking the path of pedestrians who wish to use this crossing	approach Woolworths management to ensure that staff stop doing this	High					
	19	Coles car park		on entry from Boolwey St and Wingecarribee St	this at grade car park has a high level of car and pedestrian mix	consider signage as 10km/h Shared Zone	medium	2	\$200			\$400
	20	Coles car park		all marked pedestrian walkways	these can be used to slow vehicles and offer pedestrians a measure of safety, need to be actioned before a Shared Zone to ensure the slow speed required	reconstruct the marked walkways as raised platforme 2m wide	High	35m	\$1000/m	\$35,000		
TOTAL ROUTE COST - ROUTE 1A										\$162,600	\$800	\$0

Wingecarribee PAMP

BOWRAL ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Shepherd Street to Bowral Railway Station												
1b	1	Shepherd St	South	Holly St to Glebe St	no footpath	construct footpath either side of access to off road shared path	Low	110	\$100/m			\$111,000
	2	Shepherd St	South	Holly St to Short St	this is a seniors route	install seating every 200m	medium	3	\$800		\$2,400	
	3	Shepherd St	South	at Glebe		install ramps	Low	2	\$1,000			\$2,000
	4	Short St	West	north of Shepherd St	the footpath already exists & is in good condition							
	5	Wingecarribee St	South	west of Short St	the footpath already exists & is in good condition							
	6	Wingecarribee St	south to north	at Bendooley St	this is a poor intersection for pedestrians with no ramps and poor condition of footpaths - this is addressed on Route 8b							
	7	Wingecarribee St	North	from Bendooley St through Mall and across Bong Bong St	the footpath already exists & is in good condition, the Mall has a good surface, the pedestrian crossing on Bong Bong Street exists							
	8	Wingecarribee St		west of Bong Bong St	necking of intersection by kerb extensions in parking lanes and ramps - part of Route 9a treatment							
	9	Wingecarribee St	North	from Bong Bong St to Station St signals	although an attempt has been made to upgrade this footpath, it is not of a high enough quality for an access route.	When Main Street works are undertaken on Bong Bong St this footpath should be completely reconstructed	medium	200	\$100/m		\$20,000	
	10	Wingecarribee St	North	from Bong Bong St to Station St signals	this is a seniors route	install a seat	medium	1	\$800		\$800	
	11	Bowral railway station	Southern end	access from signals to station entry	there is not formal footpath to the station entry	construct footpath with kerb and grab rails to assist seniors on the slope and stop vehicles parking on the footpath	High	50	\$200/m	\$10,000		
	12	Bowral railway station	Southern end	near railway station entry	there is a problem with pedestrian visibility and amenity at the entrance	cars should be kept clear of entry area and the pedestrian area should be widened into the parking lane with a seat	High	5m of necking & a seat	\$100/m, \$800	\$1,300		
TOTAL ROUTE COST - ROUTE 1B										\$11,300	\$23,200	\$113,000

BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
Bowral Street (northern side)													
2a	1	Bowral St	North	West of Mona St	Well used path across the park to the Bradman museum	This path should be formalised and paved	High	100	\$100/m	\$10,000			
	2	Bowral St	North	Service station	Cracked pavement	Replace cracked slab	Maintenance						
	3	Bowral St	North	West of St Jude	Poor condition asphalt footpath	Plan to replace existing footpath	Maintenance						
	4	Bowral St	North	Opposite Sheffield	Poor condition asphalt footpath	Plan to replace existing footpath	Maintenance						
	5	Bowral St	North	Glebe to St Jude	Well used un paved path on the southern edge of Bradman Park	Paved path required	High	130	\$100/m	\$13,000			
	6	Bowral St	North	at Glebe St	No paved footpaths or crossing points at intersection.	Paved footpath and pedestrian ramps required on the northern side of Bowral St	High			\$2,000			
	7	Bowral St	North	West of Mona St	Crossing point needed across Bowral Street to the west of Mona Road to provide a connection between the retirement home and Bradman Oval	Install a pedestrian refuge and kerb extensions	High			\$12,000			
	8	Bowral St	North	# 78	Uneven joints in footpath slabs and cracked pavement	Even joints and repair cracks	Maintenance						
	9	Bowral St	North	# 78	Uneven joints in footpath slabs and cracked pavement	Even joints and repair cracks	Maintenance						
	10	Bowral St	North	West of Sheffield St	Uneven joints in footpath slabs	Even joints	Maintenance						
	11	Bowral St	North	# 94	Uneven joints in footpath slabs	Even joints	Maintenance						
	12	Bowral St	North	# 92	Uneven joints in footpath slabs	Even joints	Maintenance						
	13	Bowral St	North	at St Jude St	Pedestrian ramps already provided at St Jude St, although no paved footpath along the southern boundary of the park, ramp on the eastern side particularly steep								
	14	Bowral St	North	from Bong Bong St to Glebe St	this is a seniors route	Intall seating at 200m intervals to extend walking range - coordinate with bus stops where possible	High	4	\$800	\$3,200			
	15	Bowral St	North	from Glebe St to Adventist Christian School	this is a growing residential area which is isolated from the existing facilities to the west by lack of footpaths	construct new footpath	Low	1000	\$100/m			\$100,000	
	16	Bowral St	south	from opposite Adventist Christian School to Old South Rd	there are residential frontages on this side	construct new footpath	medium	400	\$100/m		\$40,000		
	17	Old South Rd	West	from Bowral St to creek	to link with off road path	construct new footpath	low	100	\$100/m			\$10,000	
	18	Old South Rd		at creek	to link with off road path on eastern side	pedestrian refuge	high	1	\$15,000				
TOTAL ROUTE COST - ROUTE 2A										\$40,200	\$40,000	\$110,000	

BOWRAL ACTION PLAN

Ref'd No	Action No	Street	Side	Location	Comments	Action	Priority	Distances (No)	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Bowral Street (southern side)												
2b	1	Bowral St	South	# 85	Extensive cracks in footpath	Replace section of footpath	Maintenance					
	2	Bowral St	South	#87	Section of slab cracked and depressed, footpath generally in poor condition	Repair slab and entire footpath	Maintenance					
	3	Bowral St	South	Bowral Diagnostic Centre	Tree has raised and cracked footpath	Repair	Maintenance					
	4	Bowral St	South	Number 81	Cracks in footpath	Repair	Maintenance					
	5	Bowral St	South	Number 83	Vegetation encroaches on footpath	Remove vegetation	Maintenance					
	6	Holmhale St	West	South of Bowral	Trees have grown right over the paved footpath	Prune or remove trees back beyond the paved footpath	Maintenance					
	7	Bowral St	South	West of Bendooley St	Trees have grown right over the paved footpath	Prune or remove trees back beyond the paved footpath	Maintenance					
	8	Bowral St	South	Outside emergency department	Raised slabs in footpath	Even joins between slabs	Maintenance					
	9	Bowral St	South	East of Bong Bong	Uneven pavement around utility cover, also vegetation growing over footpath	Even joins around utility cover, remove vegetation	Maintenance					
	10	Bowral St	South	West of # 81	Large tree encroaches onto footpath	Even footpath around tree	Maintenance					
	11	Bowral St	South	Bowral Diagnostic Centre	Medical facilities being constructed on both sides of the road, so there is likely to be pedestrian demand between them	Construct a crossing facility to assist elderly pedestrians, kerb extensions and a pedestrian refuge	Medium			\$16,000		
	12	Bowral St	South	#87	Large tree encroaches onto footpath and also caused uneven pavement	Even footpath around tree	Maintenance					
	13	Bowral St	South	at Sheffield Road	Large utility cover restricts access to pedestrian ramp	Construct standard ramp with satisfactory connection to footpath	Medium	1	\$1,000	\$1,000		
	14	Bowral St	South	at Sheffield St	Poor standard pedestrian ramp, could consider median island on Sheffield St	Construct standard ramp with satisfactory connection to footpath, median island	Medium			\$12,000		
	15	Bowral St	South	at Holmhale St	Pedestrian ramp on eastern side of intersection is in poor condition with missing pavement between the ramp and the footpath, also very uneven around utility cover	Construct standard ramp and pavement	Medium			\$2,000		
	16	Bowral St	South	at Bendooley St	If pedestrians walk straight from the footpath they end up in the middle of the roundabout. As a consequence ramps have been placed well away from the roundabout (10 metres in some cases), however pedestrians are not directed to these ramps. Having the crossing points to far from the roundabout discourages their use by pedestrians. Also in some cases no paved connection between the ramp and the paved footpath	Pedestrian fences to direct pedestrians to cross away from the roundabout. Also consider making crossing points closer to the roundabout. Median island required eastern side of the roundabout for school pedestrians	Medium	1 median island & fencing		\$25,000		

BOWRAL ACTION PLAN											Total/Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
	17	Bowral St	North	at Bendooley St	If pedestrians walk straight from the footpath they end up in the middle of the roundabout. As a consequence ramps have been placed well away from the roundabout, however pedestrians are not directed to these ramps. Having the crossing points to far from the roundabout discourages their use by pedestrians	Consider installation of pedestrian fences to direct pedestrians to cross away from the roundabout. Also consider making crossing points closer to the roundabout, install medians on approach to the roundabout (already commented upon above)	Medium				\$10,000		
	18	Bowral St	South	East of Sheffield St	New footpath								
	19	Bowral St	South	at Mona Rd	Paved footpath ends at Mona Road with no connection to the retirement home	construct footpath from Mona Rd to the Park Lynn Village	High	30	\$100/m	\$3,000			
TOTAL ROUTE COST - ROUTE 2B											\$3,000	\$65,000	
Kangaloon Road Link via Aitken Road													
3	1	Aitken Rd	East	Westwood Drive to Kangaloon Rd	No paved footpath on the eastern side of Aitken St	Provide a paved footpath on the eastern side of Aitken Rd south of Westwood Drive	Low	320	\$100/m			\$32,000	
	2	Aitken Rd	East	Westwood to Park	No paved footpath on the eastern side of Aitken St. Particularly between Park Rd and Westwood Drive tracks in nature strip indicate that the route is well used by pedestrians	presently to service high school, in future to service new Annesley site retirement village - contributions should be sought from the retirement village developers	Medium	260	\$100/m		\$26,000		
	3	Aitken Rd	East	near High School	There is not formal crossing point from the school entrance to the eastern side of Aitken Road or from new retirement village complex, access to western side	Install kerb extensions and a pedestrian refuge on Aitken Road adjacent to either the school office or future pedestrian access to retirement village - contributions should be sought from the retirement village developers	Medium	1	\$15,000		\$12,000		
	4	Aitken Rd	West	High School	Uneven pavement slabs	Even pavement slabs	Maintenance						
	5	Loseby St	East	at Ascot St	At Ascot Road pedestrian ramp aims pedestrians on the diagonal. Ramp on the northern side of Ascot Road is located where large tree in pavement restricts visibility for crossing pedestrians	Construct a kerb extension from the northern kerb of Ascot Road so that pedestrians have visibility beyond tree prior to crossing.	Medium	1	\$5,000		\$5,000		
	6	Ascot Road	North	West of Mona Road	Inadequate pedestrian ramp and no paved footpath to complete path to the west of Mona Road	Complete paved footpath to the west of Mona Road with pedestrian ramp, around 20 metre gap in paved footpath	High	20	\$100/m	\$2,000			
	7	Mona St	West	South of Bowral St	Paved footpath provided, but a short section missing	continue footpath to pedestrian ramp	High	10	\$100/m	\$1,000			
	8	Loseby St	East	Park to Ascot	New footpath								
	9	Ascot Road	North	at Mona Road	At Mona Road the kerb ramp directs pedestrians into the intersection rather than directly across the road. Presence of utilities the most likely reason	consider realignment of ramps in future	Low	2	\$1,000			\$2,000	
	10	Ascot Road	North	Western Hospital Drive	Unusual diversion for new paved footpath. Unlikely that pedestrians will use diversion, convex mirror would have been better solution								
TOTAL ROUTE COST - ROUTE 3											\$3,000	\$42,000	\$34,000

BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
Park Road - Purcell Street													
4	1	Park Rd	North	West of Aitken Road	No pedestrian ramps on marked crossing, access restricted by post box and utility poles. Visibility for pedestrian restricted by poles and trees. Position of crossing to the west of a crest limits visibility for westbound vehicles on Park St	Remove post box from crossing. Install kerb extensions and pedestrian ramps and also a refuge if possible.	High			\$15,000			
	2	Park Rd	North	At Gordon Rd	Paved pedestrian crossing ends at Gordon Rd. Worn path in nature strip indicates that the route is well used by pedestrians	Construct a paved footpath east to Purcell St	Low	400	\$100/m			\$40,000	
	3	Park Rd	South	at Aitken Road	No pedestrian ramps provided across Aitken Rd. However it is suggested that a crossing facility be provided to the south away from the intersection	construct ramps for use in non school hours	Low	2	\$1,000			\$2,000	
	4	Park Rd	South	from Aitken Rd to Purcell Rd		construct new footpath, this will service high school students	low	460	\$100/m			\$45,000	
	5	Park Rd	South	at College St		construct AS ramps	Low	2	\$1,000			\$2,000	
	6	Purcell St	South	Park Rd		splitter island with kerb extensions	medium		\$10,000				
	7	Purcell St	East	from Park Rd to Ascot Rd		construct new footpath	low	80	\$100/m			\$8,000	
	8	Ascot Rd	East	Purcell St Intersection		ramps	low	2	\$1,000			\$2,000	
	9	Albert St	East	from Ascot Rd to off road path		construct new footpath	low	200	\$100/m			\$20,000	
4a	1	Reiford Rd	South	from Purcell St to Old South Rd		construct new footpath	low	800	\$100/m			\$80,000	
	2	Old South Rd		at Reiford Rd	to link with off road path on eastern side	pedestrian refuge	high	1	\$16,000	\$16,000			
	3	Reiford Rd	South	at Hanson St & Milton St		ramps	low	4	\$1,000			\$4,000	
TOTAL ROUTE COST - ROUTES 4 & 4A											\$30,000		\$203,000
Westwood Drive													
	5	Westwood Drive	North	from Aitken to Braeside	Worn path in nature strip suggests that this route is well used by pedestrians	Provide a paved footpath on the northern side of Westwood Drive	Low	400	\$100/m			\$40,000	
TOTAL ROUTE COST - ROUTE 5											\$0		\$40,000

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BOWRAL ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance (No)	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Sheffield Road/Bowral Street												
6	1	Sheffield St	West	South of Bowral St	Trees are growing over the footpath	Prune trees	Maintenance					
	2	Park Rd	North	Youth Centre	No disabled access to the kerb from the Centre	Install disable access as part of path construction	High	30	\$100	\$3,000		
	3	Sheffield St	West	at Wattenda St	Paved footpath ends at Warrenda St. A formal crossing point on Sheffield St just to the north of Warrenda Street would direct pedestrians to footpath on the eastern side of Sheffield St	Install a pedestrian refuge and pedestrian ramps on Sheffield St just north of Warrenda St	Low	1	\$120			\$12,000
	4	Park Rd	North	Drive to Park to Loseby	Paved footpath ends. Path in nature strip indicates that the route is well used by pedestrians. Paved footpath starts on the southern side of Park Road.	Implement paved footpath to the west of Loseby St to join with existing path	High	150	\$100	\$15,000		
	5	Sheffield St	East	South of Ascot	Uneven pavement slabs	Even slab joins	Maintenance					
	6	Sheffield St	East	# 33	Uneven pavement slabs	Even slab joins	Maintenance					
	7	Sheffield St	West	# 1	Uneven pavement around utility cover	Even pavement	Maintenance					
	8	Sheffield St	West	# 3	Uneven pavement around utility cover	Even pavement	Maintenance					
	9	Sheffield St	East	At Ascot	Pedestrian ramp on the northern side of the intersection feeds into the drive of the oval rather than directly onto the footpath. This is because the drive and gate is at the corner of the oval. At grade threshold could have delineated the path rather than be in isolation	reset ramp	Low	1	\$1,000			\$1,000
	10	Sheffield St	East	# 37	Strange uneven paving to the kerb. Unusual but not warranting action							
	11	Sheffield St	East	at Park Rd	Pedestrian ramp leads to the southern side of Park Road where there is neither ramp or footpath							
TOTAL ROUTE COST - ROUTE 6										\$18,000	\$0	\$13,000

BOWRAL ACTION PLAN

Route No.	Action No.	Street	Side	Location	Comments	Action	Priority	Distance / No.	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Kangaloon Road												
7	1	Kangaloon Rd	North	East of Bendooley St	Narrow footpath diverted around existing pole, tree to the west branch from tree low over footpath	Trim branches	Maintenance					
	2	Kangaloon Rd	East	Number 8	Uneven pavement around utility cover	Repair and make even	Maintenance					
	3	Kangaloon Rd	North	Elm Cottage	Hole in utility cover is hazardous	Repair	Maintenance					
	4	Kangaloon Rd	North	Retirement village	Branches over path around head level	Prune Vegetation	Maintenance					
	5	Kangaloon Rd	South	Bowral Heritage Park	Vegetation encroaching onto paved footpath	prune offending vegetation	Maintenance					
	6	Kangaloon Rd	South	at David St	Footpath ends at golf club, matching kerb ramp on the eastern side does not connect into a paved footpath, disabled pedestrians would tend to use the street	Provide suitable paved disabled access into the golf club	Medium	50	\$100/m	\$5,000		
	7	Kangaloon Rd	South	at Golf Club	Pedestrian ramp provided adjacent to the golf club, yet no form of disabled access to the club, only steps and a very steep rocky ramp	Provide disabled access at the drive to the west, as above	Medium					
	8	Kangaloon Rd	North	At Aitken Road	Drop kerbs provided but no ramps, very steep also	Pedestrian ramps as part of footpath construction	Low	2	\$1,000	\$2,000		
	9	Kangaloon Rd	North	Kenilworth Gardens Entrance	Non standard pedestrian ramps	Install AS pedestrian ramps	High	2	\$1,000	\$2,000		
	10	Kangaloon Rd	East	at Martha St	Footpath on the eastern side of Kangaloon Road ends just west of Martha St, footpath on the western side of Kangaloon Road starts at this point. A crossing point required to join these two footpaths	Install kerb extensions and a pedestrian refuge	Medium	1	\$12,000	\$12,000		
	11	Kangaloon Rd	North	East of Bendooley St	Pedestrian connection required across Kangaloon Road just to the east of Bendooley Street so that a level pedestrian connection is made to town via the Golf Club	Install kerb extensions and a pedestrian refuge	High	1	\$15,000	\$15,000		
	12	Kangaloon Rd	North	Kenilworth Village	End of paved path. Path worn in nature strip indicates that the route has an existing pedestrian demand. Uneven pathway over paved driveways	Extend paved footpath Kenilworth Village to Aitken Road	Medium	220	\$100/m	\$22,000		
	13	Kangaloon Rd	North	East of Aitken Rd	Path worn in nature strip indicates that the route has an existing pedestrian demand	Extend paved footpath east from Aitken Road to Braeside	Medium	260	\$100/m	\$25,000		
	14	Kangaloon Rd	North	# 34	Uneven pavement slabs	Even joins in slabs	Maintenance					
	15	Kangaloon Rd	North	At Aitken Road	Raised utility cover results could trip pedestrians on existing used non paved footpath	Even as part of footpath paving	Low					
	16	Kangaloon Rd	North	# 70	Raised utility cover results could trip pedestrians on existing used non paved footpath	Even as part of footpath paving	Low					

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BOWRAL ACTION PLAN											Total Cost		
Route No.	Action No.	Street	Side	Location	Comments	Action	Priority	Distance / No.	Unit Cost	High Priority	Medium Priority	Low Priority	
	17	Kangaloon Rd	South	Bendooley to Golf Club	It is recommended that a paved footpath be constructed from Bendooley St to the golf club on the southern side of Kangaloon Rd, however the presence of poles and trees in the nature strip may create problems. Worn path in nature strip indicates that route well used	Construct footpath from Bendooley St to the golf club on the southern side of Kangaloon Rd	Medium	300	\$ 100/m			\$30,000	
	18	Kangaloon Rd	East	Rothwood Gardens	Fifth leg of the roundabout is wide access to retirement village. 10 metres of pavement for pedestrians to cross	Consider some form of contrasting pavement or construct raised median island	Low					\$5,000	
	19	Kangaloon Rd	West		No footpath provided on Kangaloon Rd, however pedestrians even if walking on the grass are directed onto the road by the trees approaching the roundabout	Consider pruning trees back from the road	Maintenance						
	20	Kangaloon Rd	South	West of Bowral Heritage Park	Gap in paved footpath around 15 metres	Complete gap in footpath	Medium	15	\$ 100		\$ 1,500		
	21	Kangaloon Rd	North	Martha to Bendooley	The topography would make the construction of a footpath on the northern side of the road difficult. Worn path is through mud and around trees, sometimes pedestrians almost have to step on the road pavement								
	22	Kangaloon Rd	North	At Bendooley	Kerb ramps provided across Bendooley St even although no paved footpaths provided. No paved access to the ramp on the eastern side from the paved footpath								
	23	Kangaloon Rd	North	Kenilworth Gardens	Bus stop outside retirement village	seating	High	1	\$800	\$800			
	24	Kangaloon Rd	North	from Braeside Dr east to Old South Rd	this is a walking route to the high school	construct footpath	Low	800	\$ 100/m			\$80,000	
TOTAL ROUTE COST - ROUTE 7										\$17,800	\$85,500	\$117,000	

BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
Bendooley Street South (south of Bowral St)													
8a	1	Bendooley St	East	# 86	Overhanging trees	Trim vegetation	Maintenance						
	2	Bendooley St	West	# 73 A	Paved footpath ends to the south of Warrenda St Worn footpath indicates pedestrian demand. No footpaths in Marthia St. Drop kerbs provided at Marthia St	Topography south of Marthia St would make a paved footpath not practical							
	3	Bendooley St	West	# 65	Poor and uneven pavement	Repair or replace pavement	Maintenance						
	4	Bendooley St	West	# 67	Poor and uneven pavement	Repair or replace pavement	Maintenance						
	5	Bendooley St	West	# 69	Poor and uneven pavement	Repair or replace pavement	Maintenance						
	6	Bendooley St	East	# 78	Hot mix footpath in poor condition	Repair or replace footpath	Maintenance						
	7	Bendooley St	East	# 78	Footpath paving damaged	Repair or replace footpath	Maintenance						
	8	Bendooley St	East	# 80	Broken pavement	Repair	Maintenance						
	9	Bendooley St	East	# 78	Section of pavement missing	Repair	Maintenance						
	10	Bendooley St	East	#70-72	Vegetation encroaching onto footpath and poor footpath with gap missing	Remove vegetation from the footpath. Repair or replace footpath	Maintenance						
	11	Bendooley St	East	North of Kangaloon Road	Vegetation encroaching onto footpath, also rough pavement	Remove vegetation from the footpath and repair pavement	Maintenance						
	12	Bendooley St	West	# 71	Vegetation encroaching onto footpath	Prune vegetation	Maintenance						
	13	Bendooley St	East	Warrenda to Bowral	No footpath provided, but path in nature strip indicates that this is a well used pedestrian route	Install paved footpath	Medium	170	\$100		\$17,000		
	14	Bendooley St	East	South of Warrenda St	Pedestrian crossing point required on the top of the crest to the south of Warrenda St, so that pedestrians from the western side of Bendooley Street can cross to the eastern side where the footpath continues to Kangaloon Road	Install kerb extensions and pedestrian refuge	Low	1	\$1,200		\$12,000		
	15	Bendooley St	East	South of Warrenda St	Excavations block existing footpath in places even forcing pedestrians to walk on the road. Temporary but not entirely satisfactory								
	16	Warrenda St	East	East of Bendooley St	No paved footpaths								
	17	Bendooley St	West	South of Bowral	Vegetation encroaching onto footpath, also raised utility cover	Prune vegetation and even pavement	Maintenance						
TOTAL ROUTE COST - ROUTE 8A										\$0	\$17,000	\$12,000	

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BOWRAL ACTION PLAN										Total Cost		
Route No.	Adjn. No.	Street	Side	Location	Comments	Action	Priority	Distance / No.	Unit Cost	High Priority	Medium Priority	Low Priority
Bendooley Street North (north of Bowral St)												
8b	1	Bendooley St	east	from Bowral St to Boolwey St	this footpath already exists but the condition of the pavement is very poor in sections	reseal pavement to accessible standard	maintenance					
	2	Banyette St		Bong Bong to Bendooley	Banyette Street provides a connection between two precincts of the primary school. Closure of Banyette Street adjacent to the primary school during school hours would address existing concerns. A number of examples of bad pavement condition on the southern footpath	Implement study on the impacts of Banyette St closure during school hours. Would include impacts on Bong Bong/Bowral Intersection.						
	3	Bendooley St	east	from Boolwey St to Wingecarribee St	this is the civic centre and the footpath should be of high quality	reseal pavement to accessible standard, may require total reconstruction in the longer term	maintenance					
	4	Bendooley St north	east	from Wingecarribee St to Bundaroo St	this section fronts onto churches the pavement in sections is very poor	reseal pavement to accessible standard, may require total reconstruction in the longer term	maintenance					
	5	Bendooley St / Boolwey St		at roundabout	this is used by seniors for direct access from Boolwey St east to the supermarkets	construct raised centre islands on the northern and southern legs of the roundabout with pedestrian gaps - consider the implementation of a load limit on Bendooley St to prevent the usage by trucks	high	2	\$5,000	\$10,000		
	6	Bendooley St / Boolwey St		at roundabout	as indicated in Mobility Map	reconstruct 3 ramps to AS standard	high	3	\$1,000	\$3,000		
	7	Bendooley St / Wingecarribee St		at intersection	as indicated in Mobility Map	construct 4 ramps to AS standard	high	4	\$1,000	\$4,000		
	8	Bendooley St / Wingecarribee St		west of intersection	this intersection accommodates traffic from the parking area	splitter island with kerb extensions	High	1	\$12,000	\$12,000		
	9	Bendooley St / Merrigang St		at roundabout	as indicated in Mobility Map	reconstruct 2 ramps to AS standard	medium	2	\$1,000	\$2,000		
	10	Bendooley St		at Bundaroo St	as indicated in Mobility Map	reconstruct 1 ramp and build one on eastern side to AS standard	medium	2	\$1,000	\$1,000		
TOTAL ROUTE COST - ROUTE 8B										\$28,000	\$3,000	\$0

BOWRAL ACTION PLAN										
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	Total Cost
Moss Vale Rd / Bong Bong St (west)										
9a	1	Moss Vale Rd	west	from Mt Eymard entry to Funston St	some footpath exists, this is the only side on which a footpath can be constructed to join with the Mt Eymard retirement complex	construct footpath for use by seniors	medium	800	\$100/m	\$80,000
	2	Moss Vale Rd	west	from Mt Eymard entry to Funston St	extend walking range of seniors	sealing at 200m intervals	Medium	4	\$800	\$3,200
	3	Bong Bong St	West	Healing Centre	Uneven pavement around utility cover	Repair and make even	Maintenance			
	4	Bong Bong St	West	Outside Dentists	Trench from excavation left in pavement	Repair	Maintenance			
	5	Bong Bong St	West	at Kangaloon Rd	Templation to cross into the roundabout. On the northern side the ramp down the the kerb is steep and non-standard, on the southern side there is no proper kerb ramp and the paved footpath does not reach to the kerb. Bad visibility for pedestrians crossing from the northern side. Very narrow gap in the median for pedestrians	Provide proper crossing facilities including if possible kerb extensions. Pavement required to the southern kerb ramp	Low			\$10,000
	6	Bong Bong St	West	at Kangaloon Rd	Crossing point provided to the north of the roundabout, very narrow gap in the median, no connection provided to the footpath on the eastern side of Bong Bong St	Kerb extensions and a wider median gap. Connect footpath to crossing point	Low			\$10,000
	7	Bong Bong St	West	at Bowral St	Wide intersection to cross on all legs, pedestrian ramps tend to direct pedestrians into the middle of the intersection rather than to the ramps opposite. There are no pedestrian ramps on the Bong Bong Street crossing points	Consider channelisation of this intersection. A roundabout could be appropriate in view of the possibility of closing Banyette by the primary school. This would allow narrowed pedestrian crossing points to be made adjacent to the roundabout	Medium			\$100,000
	8	Bong Bong St	West	At Lions Park	No formal crossing point on Bong Bong St	splitter island adjacent to doctors surgery and Lions Park	medium	1	\$12,000	\$12,000

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BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
	9	Bong Bong St	West	at Banyette St	Some existing pedestrian ramps direct pedestrians into the roundabout. Other more satisfactory facilities have been installed further from the roundabout, however in some cases parking adjacent to the pedestrian ramps has not been banned. Handrails would be desirable on the ramps over the gutter	Install pedestrian fences on the roundabout kerbs so that pedestrians are directed to the correct facilities. Install no parking signs adjacent to all of the pedestrian ramps. Handrails on gutters	High			\$5,000			
	10	Bong Bong St	West	from Banyette St to Boolwey St	Uneven pavement	upgrade pavement surfaces	High						
	11	Bong Bong St	West	from Boolwey St to Wingecarbee St	this is the retail hub and the pavement should be an accessible path	upgrade pavement	high	maintenance					
	12	Bong Bong St	West	from Boolwey St to Merrigang St	retailers should be instructed to keep path clear for pedestrians and keep sandwich boards near their own entrances	notices to retailers	high	management					
	13	Bong Bong St	West	at Wingecarbee St	this is a one way street and does not require the width of road which exists	kerb extensions in parking lanes with AS standard ramps	high	2	\$10,000	\$20,000			
	14	Bong Bong St	West	at Wingecarbee St	a café presently uses the footpath on the southern kerb which narrows the walking width of footpath	construct café blister and lease to café	medium	1	\$20,000				
	15	Bong Bong St	s-west	at Merrigang St intersection		reconstruct ramp to AS standard	high	1	\$1,000	\$1,000			
	16	Bong Bong St	West	from Merrigang St to Bundaroo St	poor quality surface	reseal path	low	maintenance					
	17	Bong Bong St	West	at Westpac handybank	community complaints about removal of crossing	kerb extensions in parking lanes with AS standard ramps	high	2	\$5,000	\$10,000			
	18	Bong Bong St	West	immediately south of Merrigang St	near post office	Magpie Crossing	high	1	\$15,000	\$16,000			
TOTAL ROUTE COST - ROUTE 9A										\$51,000	\$195,200	\$20,000	

Main Street Study recommended

BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
Bong Bong Street (east)													
9b	1	Bong Bong St	East	Number 446	Vegetation encroaching onto footpath	Clear vegetation from footpath	Maintenance						
	2	Bong Bong St	East	Rothwood Gardens	Drop off area example of good practice								
	3	Moss Vale Rd	East	from Kangaloon Rd to Bowral St	main walking route to CBD from south	upgrade footpath pavement for seniors	maintenance						
	4	Bong Bong St	East	South of Bowral St	Broken section of pavement	Repair broken section	Maintenance						
	5	Moss Vale Rd	East	from Kangaloon Rd to Bowral St	extend walking range of seniors	sealing	Medlum	1	\$800	\$800			
	6	Bong Bong St	East	Northern driveway of service station	Uneven pavers and hole around ramp	Repair	Maintenance						
	7	Bong Bong St	East	from Bowral St to Banyette St	main walking route to CBD from south	upgrade footpath pavement for seniors	maintenance						
	8	Bong Bong St	East	At Banyette	Sleep pedestrian ramp onto Bong Bong St. Ramps located well away from the roundabout. Ramp encroaches half way into the footpath	Kerb extension with bridge over gutter probably required to lessen the ramp gradient	High			\$5,000			
	9	Bong Bong St	East	At Banyette	Ramp across gutter on Banyette could create hazard for mobility impaired	Install grab rails on gutter ramp	High			\$2,000			
	9	Bong Bong St	East	from Bowral St to Banyette St	extend walking range of seniors	sealing	High	1	\$800	\$800			
	10	Bong Bong St	East	from Banyette St to Boolwey St	main walking route to CBD from south	upgrade footpath pavement for seniors	Maintenance						
	11	Bong Bong St	east	from Boolwey St to Wingecaribee St	this is the retail hub and the pavement should be an accessible path	upgrade pavement, pavement levels around signals are particularly poor	maintenance						
	12	Bong Bong St	east	from Boolwey St to Merrigang St	retailers should be instructed to keep path clear for pedestrians and keep sandwich boards near their own entrances	notices to retailers	high	management					
	13	Bong Bong St	East	at Merrigang St	near post office	reconstruct ramps to AS standard	medium	2	\$2,000				
TOTAL ROUTE COST ROUTE - 9B											\$7,800	\$800	\$0
Glebe Street Bowls Club Link													
10	1	Glebe St	West	from Bowral St to Shepherd St	this is a seniors link to the bowls club and a path unobstructed by vehicle parking next to Bradman Park	construct footpath	Low	400	\$100/m			\$40,000	
	2	Glebe St	West	at Boolwey St & Shepherd St		ramps	Low	4	\$1,000			\$4,000	
	3	Shepherd St	North	from the bowls club frontage to the off road path	connecting path to off road path	construct footpath	Low	80	\$100/m			\$8,000	
TOTAL ROUTE COST - ROUTE 10											\$0	\$0	\$50,000

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BOWRAL ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance / No	Unit Cost	High Priority	Medium Priority	Low Priority	
Merrigang Street Railway Station Link													
11	1	Merrigang St	south	from Holly St to Bong Bong St	main walking route to CBD from east	most of footpath exists, vegetation requires cleaning in sections	maintenance						
	2	Lamond Lane		from Merrigang St to Wingecarribee St	this is a mixed pedestrian and parking environment, some cars use as through route	signpost as 10km/h Shared Zone at entry points	High	2	\$200	\$400			
	3	Lamond Lane		entry to Post Office boxes	this is a very highly used access with a poor surface on entry from the lane	resal entry section	maintenance						
	4	Merrigang St	South	from Bong Bong St to Station St	link to railway station car park	footpath in poor condition needs resealing	maintenance						
	5	Station St	East	south of intersection with Merrigang St	opposite gap in fence from parking area used by pedestrians to exit parking area	kerb extension in parking lane	High	1	\$5,000	\$5,000			
	6	Station St	West	south of intersection with Merrigang St	at gap in fence from parking area used by pedestrians to exit parking area	small kerb extensions in parking lane either side of gap	High	2	\$3,000	\$6,000			
	7	railway station car park		from gap in fence to opposite kerb	this is the pedestrian walking path to the station entrance	mark pavement as pedestrian walkway to stop cars parking in the path, eliminate one car parking spot	High		\$50/m				
	8	railway station car park		from marked walking path to existing footpath by entrance to station	formalise pedestrian access	construct new footpath	High	25m	\$100/m	\$2,500			
TOTAL ROUTE COST - ROUTE 11											\$13,900	\$0	\$0
Bunderoo Street													
12	1	Bunderoo St	south	from Bendooley St to childrens school crossing	poor pavement surface	reconstruct surface	maintenance						
	2	Bunderoo - Woodbine St	north	from childrens school crossing to Rose St	this would be used by children walking & cycling to school	clear of overhanging vegetation	maintenance						
	3	Rose St	west	from Woodbine St to off road path	this would be used by children walking & cycling to school	construct path	low	180	\$100/m			\$1,800	
TOTAL ROUTE COST - ROUTE 12											\$0	\$0	\$1,800

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BOWRAL ACTION PLAN

Route No	Action No	Street	SHs	Location	Comments	Action	Priority	Distance No	Unit Cost	Total Cost			
										High Priority	Medium Priority	Low Priority	
Oxley Drive to CBD Route													
13	1	Mittagong Rd	East	from Bundaroo St to Victoria Street	path in very poor condition, used by elderly	construct new footpath	Medium	200	\$100/m		\$20,000		
	2	Mittagong Rd	East	at Victoria Rd		construct AS ramps	Medium	2	\$1,000		\$2,000		
	3	Mittagong Rd		at underpass from Kirkham Rd	this is a well used crossing point for pedestrians & cyclists	pedestrian /cyclist refuge with centre stopping area and grab rails	High	1	\$20,000		\$20,000		
	4	Mittagong Rd	East	from Victoria Rd to Oxley Drive	path exists	pavement surface requires attention	maintenance						
TOTAL ROUTE COST ROUTE -13											\$22,000		\$0

Kirkham Road

14	1	Kirkham Rd	West	from Centennial Rd to underpass from Mittagong Rd	this is a walking access to Centennial Rd & Rudolf Steiner school	construct footpath	Medium	180	\$100/m		\$18,000		
	2	Kirkham Rd		at underpass	this is a road which carries industrial traffic	pedestrian refuge	Medium	1	\$12,000		\$12,000		
	3	Kirkham Rd	West	from underpass to Gib Cottage north of Sherwood Ave		construct footpath	Low	300	\$100/m			\$30,000	
	4	Kirkham Rd	West	from Gib Cottage to opposite existing path on eastern side	this should be an access route	construct footpath	high	90	\$100/m		\$9,000		
	5	Kirkham Rd		between 2 paths	to link footpath either side of road	pedestrian refuge	high	1	\$12,000		\$12,000		
	6	Wingecambee St railway overbridge	north		this should be a higher grade route for mobility impaired accessing the community facilities at IWI and Gib Cottage	upgrade pavement quality	high	maintenance					
TOTAL ROUTE COST											\$21,000		\$30,000

TOTAL HIGH PRIORITY WORKS

\$428,000

TOTAL MEDIUM PRIORITY WORKS

\$504,500

TOTAL LOW PRIORITY WORKS

\$743,800

APPENDIX C

Mittagong Action Plan

MITTAGONG ACTION PLAN

Route No.	Adopt No.	Street	Side	Location	Context/Length	Action	Priority	Duration (Yrs)	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Oxley Drive/Waverley Parade Route												
1	1	Oxley Dr	East	from Tyndall St to Waverley Pde	extend footpath within the walking catchment of CBD	Construct footpath	Low	200	\$100/m			\$20,000
	2	Oxley Dr / Waverley Pde	East	north & south of intersection	to join up with existing footpath	Ramps	Low	2	\$1,000			\$2,000
	3	Waverley Pde	North	from Range Rd to Oxley Dr	to accommodate parents with small children & prams	Construct footpath	Medium	380	\$100/m		\$38,000	
	4	Waverley Pde	South	along pre-school frontage		Construct footpath	Medium	20	\$100/m		\$2,000	
	5	Waverley Pde at Oxford St	North	west & east of intersection		Ramps	Medium	2	\$1,000	\$2,000		
TOTAL ROUTE COST										\$2,000	\$40,000	\$22,000
Range Road / Fitzroy Street Route												
2	1	Range Rd	West	from Waverley Pde to Railway Pde		Construct footpath	Medium	400	\$100/m		\$40,000	
	2	Range Rd		north of Railway Pde	to join to Route 4 across Highway	pedestrian refuge	Medium	1	\$12,000		\$12,000	
	3	Range Rd	West	northern and southern kerbs		ramps	High	2	\$1,000	\$2,000		
	4	Range Rd	West	north of Railway Pde to bridge over railway		construct footpath	High	20	\$100/m	\$2,000		
	5	Range Rd	West	at northern-most extent of footpath	At this point there is no more off road section and the pedestrians begin to walk on the road	ramp	Medium	1	\$1,000		\$1,000	
	6	Range Rd	West	at the ramp at end of western footpath & south of railway bridge	This is the beginning of the section where pedestrians walk on the road & drivers need to be alerted about this & the speed limit lowered	Install sign W6-1 with pedestrians on roadway sign together with 10km/h regulatory sign	High	2	\$200	\$400		
	7	Range Rd	West	on railway overbridge	Give pedestrians some measure of protection	mark out 1m section with solid line for pedestrian pavement marking of solid line with pedestrian	High	20	\$10/m	\$200		
	8	Fitzroy St	West	north of railway overbridge	Give pedestrians some measure of protection	Install sign W6-1 with pedestrians on roadway sign together with 10km/h regulatory sign	High	2	\$200	\$400		
	9	Regent St		west of Fitzroy St	cars can cut this corner and enter the railway overbridge at speed	splitter island with pedestrian gap	High	1	\$5,000	\$5,000		
	10	Fitzroy St	West	from Regent St splitter island to Old Hume Highway		footpath	Low	70	\$100/m		\$7,000	
TOTAL ROUTE COST										\$10,000	\$53,000	\$7,000

MITTAGONG ACTION PLAN

Route No.	Station No.	Street	Site	Location	Comments	Action	Priority	Distance (m)	Est Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Railway Parade / Albion Street Route												
3	1	Railway Pde	South	from Oxley Dr to Range Rd	create continuity for pedestrians accessing railway station or CBD	fill in missing footpath sections	Low	200	\$100/m			\$20,000
	2	Railway Pde		at crossing point from railway overbridge	improve visibility of pedestrians crossing Regent st	kerb extensions in parking lanes	Low	2	\$2,500	\$5,000		\$5,000
TOTAL ROUTE COST										\$5,000	\$0	\$25,000
Colo Street / Mary Street Route												
4	1	Range Rd	East	from proposed pedestrian refuge to Colo St	The Redford Park subdivision could contribute to this route	Install footpath	Low	20	\$100/m			\$2,000
	2	Colo St	South	from Range Rd to Mary St		Install footpath	Low	880	\$100/m			\$88,000
	3	Colo St	South	at intersections with Evans, Southey and Oaklands Sts		ramps	Low	6	\$1,000			\$6,000
	4	Mary St	West	from Colo St to Bong Bong Rd		Install footpath	Low	30	\$100/m			\$30,000
	5	Bong Bong Rd		north of Mary St		pedestrian refuge	Medium	1	\$15,000	\$15,000		\$15,000
TOTAL ROUTE COST										\$0	\$15,000	\$128,000
Bong Bong Road / Ferguson Crescent												
5	1	Bong Bong Rd	North	from Tangara School to Belmore St	The Redford Park subdivision could contribute to this route	Install footpath	Low	800	\$100/m			\$80,000
	2	Bong Bong Rd	North	at Belmore St		ramps	Medium	2	\$1,000			\$2,000
	3	Bong Bong Rd	North	from Belmore St to Ferguson Cresc		Install footpath	High	200	\$100/m	\$20,000		
	4	Ferguson Cresc	North	from Bong Bong Rd to Old Hume Highway	there is a clear route along the verge where pedestrians presently walk	Install footpath	High	250	\$100/m	\$25,000		
	5	Ferguson Cresc	North	on railway overbridge	presently a dangerous situation for child pedestrians	repair wooden fencing	High		maintenance			
	6	Old Hume Highway		east of Ferguson Cresc	to slow vehicles and pedestrians some measure of safety at a point where vehicles are travelling fast	pedestrian refuge	High	1	\$15,000	\$15,000		
5a	1	Belmore St	West	from Bong Bong Rd to pre-school		Install footpath	Low		\$100/m			\$2,000
TOTAL ROUTE COST										\$60,000	\$0	\$84,000

MITTAGONG ACTION PLAN

Route No.	Suburb No.	Street	Side	Location	Comments	Action	Priority	Distance (m)	Unit Cost	High Priority	Medium Priority	Low Priority	Total Cost
Regent Street / Princess Street Route													
6	1	Regent St	North	from Albion St to Station St		Install footpath	Low	220	\$100/m				\$22,000
	2	Regent St	North	from Station St to Princess St	this route should be upgraded to an accessible standard as it is an access route to the station	maintenance	High						
	3	Regent St	North	at intersections with Church Lane, Station St, Wards Lane	to assist use by seniors and extend their walking range	ramps	High	6	\$1,000	\$6,000			
	4	Regent St	North	outside Police Station		seating	Low	1	\$800				\$800
	5	Princess St	East	from existing walkway over railway lines to road edge	this connects to the southern part of Mittagong and should be built to accessible standards	Install footpath	High	20	\$100/m	\$2,000			
	6	Princess St		across Regent St from new footpath to the eastern footpath on Princess St	This dogleg in the road presents some difficulties for pedestrian visibility	pedestrian refuge	High	1	\$12,000	\$12,000			
	7	Princess St	East	from Regent St to Bowral Rd	the footpath should be upgraded with an even surface to accessible standards	upgrade pavement	High	maintenance					
	8	Princess St	East	at laneway		install accessible ramps	High	2	\$1,000	\$2,000			
	9	Princess St		at Bowral Rd	Give pedestrians some measure of protection	splitter island with pedestrian gap and kerb extensions	High	1	\$12,000	\$12,000			
	10	Bowral Road		east of Pioneer St	this is a seniors route a formal pedestrian crossing	magpie crossing	High		\$15,000	\$15,000			
TOTAL ROUTE COST - ROUTE 6										\$49,000	\$0		\$22,800
Bessemer Street / Bowral Road Route													
7	1	Bessemer St	West	from Old Hume Highway to Bowral Rd	most of the footpath already exists	Install new footpath to join with Old Hume Highway	Medium	50	\$100/m				\$5,000
	2	Bessemer St	at signals	north-eastern kerb	this ramp is not to AS accessible standard on a route which should be an accessible route	Install new ramp	High	1	\$1,000	\$1,000			
	3	Bowral Road	North	from Bessemer St to signals at Main St	this is the centre of town and an important walking route	upgrade pavement to accessible quality	High	maintenance					
	4	Bowral Rd	North	Bessemer St and Pioneer St	upgrade to AS accessible standard	install accessible ramps	High	3	\$1,000	\$3,000			
	5	Bowral Road	North	from Bessemer St to signals at Main St	to assist use by seniors and extend their walking range	Install seating at 100m intervals, coordinating with bus stops	Medium	3	\$800				\$2,400
TOTAL ROUTE COST - ROUTE 7										\$4,000	\$0		\$7,400

MITTAGONG ACTION PLAN

Route No.	Action No.	Street	Side	Location	Comments	Action	Priority	Duration No.	Unit Cost	High Priority	Medium Priority	Low Priority	Total Cost
Main Street southern side from Albion Street to Princess Street													
8	1	Main St	South	at Albion St	upgrade to AS accessible standard	Install one new ramp & upgrade other	Low	2	\$1,000				\$2,000
	2	Main st	South	from pedestrian signals west to Princess St	upgrade to AS accessible standard	upgrade pavement to accessible quality	High	maintenance					
	3	Main St	South	at Church Lane, Station St & Wards Lane	upgrade ramps to AS accessible standard	install ramps & upgrade old ramps	High	6	\$1,000				\$6,000
TOTAL ROUTE COST													
										\$0	\$0	\$0	\$8,000
Main Street northern side - From entrance to Oval to Queen Street													
9	1	Main St	North	from Oval to Alice St	this footpath already exists together with ramps which in time, should be replaced with the AS standard	reconstruct ramps at Beatrice, Fitzroy & Helena Sts	low	6	\$1,000				\$6,000
	2	Main St	North	at Alice St	assist elderly pedestrians across intersection to bus stop	splitter island	Medium	1	\$8,000				\$8,000
	3	Main St	North	from Alice St to Queen St	this section should be upgraded to an access route	upgrade footpath pavement to access route standard	Medium	maintenance					
	4	Main St	North	in block from Victoria St to Alice St	to assist use by seniors and extend their walking range	sealing	Medium	1	\$800				\$800
	4	Main St	North	at Victoria St	assist elderly pedestrians across intersection	Build splitter island & install AS standard ramp on eastern kerb to match with western kerb	Medium	1	\$9,000				\$9,000
	5	Main St	North	at Queen St	assist elderly pedestrians across intersection	Build splitter island & install AS standard ramp on eastern kerb to match with western kerb	Medium	1	\$9,000				\$9,000
TOTAL ROUTE COST													
										\$0	\$0	\$0	\$26,800
													\$6,000

see 6.

Wingecarribee PAMP

MITTAGONG ACTION PLAN

Route No.	Action No.	Street	Side	Location	Comments	Action	Priority	Distance / No.	Unit Cost	TOTAL COST		
										High Priority	Medium Priority	Low Priority
Alfred Street Route												
10	1	Alfred St	North	from Victoria St to Beatrice St	footpath exists from Victoria to Alice St	construct footpath from Alice St to Beatrice St	Low	400	\$100/m			\$40,000
	2	Beatrice St	East	from Alfred St to Old Hume Highway	to link with entrance to ovals and Route 5 across the Highway	construct new footpath	Low	30	\$100/m			\$3,000
	3	Alfred St	North	at Alice St, Helena Louisa and Beatrice St		ramps	Low	8	\$1,000			\$8,000
	4	Louisa St	West	from Alfred St to Old Hume Highway	this footpath already exists and is a convenient link to Highway and access to Frensham from this residential area		medium	maintenance				
	5	Old Hume Highway		immediately west of Louisa St	this links with Route 2 to Frensham	pedestrian refuge with kerb extensions in parking lanes	Medium	\$15,000	\$15,000		\$15,000	
TOTAL ROUTE COST										\$0	\$15,000	\$51,000
Alice Street Route												
11	1	Alice St	West	from Main St to Edward St	upgrade footpath to accessible footpath	upgrade pavement	High	maintenance				
	2	Alice St	east	from Edward st to Albert st	continue route to aged housing	construct footpath	Medium	70	\$100/m			\$7,000
	3	Alice St	East	outside monastery near intersection with Edward St	to assist use by seniors and extend their walking range	seating	Medium	1	\$800			\$800
	4	Alice St	West	at Albert La, Albert St, Edward La, at south-eastern and south-western kerbs at Edward St		construct AS standard ramps	Medium	8	\$1,000			\$8,000
	5	Alice St	East	at Edward St north-east kerb		construct As standard ramp	Medium	1	\$1,000			\$1,000
TOTAL ROUTE COST										\$0	\$16,800	\$0

MITTAGONG ACTION PLAN

Route No	Audit No	Street	Side	Location	Comments	Action	Priority	Distance / AS	Unit Cost	Total Cost		
										High Priority	Medium Priority	Low Priority
Victoria Street / Edward Street Route												
12	1	Victoria St	West	from Main St to Albert St	part of this footpath already exists	construct new footpath from Albert Lane to Albert St	Medium	20	\$100/m		\$2,000	
	2	Victoria St	West	at Albert Lane		construct AS standard ramps	Medium	2	\$1,000		\$2,000	
	3	Victoria St	southern side	west and eastern side	switch route to eastern side of Victoria St	construct AS standard ramps	Low	2	\$1,000			\$2,000
	4	Victoria St	Albert St	from Edward St to Albert St	route to church and school	construct new footpath	Low	60	\$100/m			\$6,000
	5	Victoria St	East	between Albert & Edward St	to assist use by seniors and extend their walking range	install seat	Low	1	\$800			\$800
	6	Victoria St	East	from Edward St to Albert St	this is a steep section which is overgrown with shrubs	trim vegetation in verge	High	maintenance				
	7	Edward St	North	from Victoria St to Alice St	extend footpath to bowls club	construct new footpath	Low	60	\$100/m			\$6,000
	8	Alfred St		east of Victoria St	assist children across road & stop corner parking	splitter island with kerb blisters and ramps	Medium	1	\$10,000		\$10,000	
TOTAL ROUTE COST										\$0	\$14,000	\$14,800
Queen Street - Lake Alexanders Route												
13	1	Queen St	West	from Main St to Albert St	Upgrade to AS accessible standard	pavement surface upgrade	High	maintenance				
	2	Queen St	West	at Albert Lane, Albert St	no ramp - AS accessible standard required	install accessible ramps	High	4	\$1,000		\$4,000	
	3	Queen St	East	from Main St to Albert St	upgrade to AS accessible standard of existing footpath,	pavement surface upgrade	High	maintenance				
	4	Queen St	East	from existing footpath to Lake Alexandra	no footpath	construct new footpath	High	200	\$100/m		\$20,000	
	5	Queen St	East	in block from Edward St to Albert St	to assist use by seniors and extend their walking range	sealing	Medium	1	\$800		\$800	
	5	Queen St	East	at Albert St, Edward St	no ramps - AS accessible standard required	install accessible ramps	High	4	\$1,000		\$4,000	
TOTAL ROUTE COST										\$28,000	\$800	\$0

MITTAGONG ACTION PLAN											Total Cost		
Route No	Action No	Street	Side	Location	Comments	Action	Priority	Distance (m)	Unit Cost	Moit. Priority	Med. Low Priority	Low Priority	
Pioneer Street Route													
14	1	Pioneer St	West	at Albert Lane, Albert St, Alfred St	no ramps	Install ramps	Low	6	\$1,000			\$6,000	
	2	Pioneer St	East	at Albert Lane, Albert St	no ramps	Install ramps	Medium	4	\$1,000		\$4,000		
	3	Pioneer St		at Main St	assistance for pedestrians across intersection required	incorporate into proposed roundabout a built splitter island with pedestrian gaps on the north, east and southern approaches	at time of roundabout construction						
	4	Old Hume Highway	North	east of Pioneer St	at the petrol station, cars park and drive over footpath which is in very poor condition, separation required between public footpath area and the driveways	construct new footpath, install planter boxes along edge of public footpath and car driveways in petrol station	High	20	\$100/m & planter boxes (est \$1000)	\$3,000			
	5	Pioneer St	East	from Main St to Bowral Rd	footpath existing	maintenance							
TOTAL ROUTE COST											\$3,000	\$4,000	\$6,000
Bessemer Street (north) Route													
15	1	Old Hume Highway		at Bessemer St	a crossing point for school children at a location outside the Main St section	pedestrian refuge with kerb extensions and grab rails	High	1	\$15,000	\$15,000			
	2	Bessemer St	West	from Main St to Albert St	this is the preferred side to construct a footpath due to the topography	construct footpath to house no 24	High	40	\$100/m	\$4,000			
	3	Bessemer St		south of Albert St intersection	assist children across road & stop corner cutting	splitter island with pedestrian gap & necking in parking lane on eastern kerb	High	1	\$10,000	\$10,000			
	4	Bessemer St	East	from Albert St to Alfred St	in the bus pick-up area	construct new footpath	Medium	80	\$100/m		\$8,000		
	5	Albert St		at Bessemer St		construct ramps on north and south kerbs	High	2	\$1,000	\$2,000			
TOTAL ROUTE COST											\$31,000	\$8,000	\$0

MITTAGONG ACTION PLAN

Route No	Action No	Street	Side	Location	Comments	Action	Priority	Duration / No	Start Cost	Total Costs		
										High Priority	Medium Priority	Low Priority
Welby Link												
16	1	Old Hume Highway	North	from Bessemer St to Meranie St	this would constitute a link to the Welby residential area	construct footpath	Low	1800	\$100/m			\$180,000
	2	Old Hume Highway	North	at Naitai St		construct AS standard ramps	Low	2	\$1,000			\$2,000
	3	Old Hume Highway	North	at Melanie St		construct AS standard ramps	Low	2	\$1,000			\$2,000
TOTAL ROUTE COST										\$0	\$0	\$164,000
Old Hume Highway (southern) Route												
17	1	Old Hume Highway	South	from Old Hume Highway for 50m	this is a school walking link with Route 18 and the western residential area	construct footpath	High	420	\$100/m	\$42,000		
	2	Brewster St	East	from Old Hume Highway for 50m		construct footpath	Medium	50	\$100/m		\$5,000	
	3	Brewster St	West	the rest on this side to Rainbow St	this side has less vegetation & is more level	construct footpath	Medium	180	\$100/m		\$18,000	
TOTAL ROUTE COST										\$42,000	\$23,000	\$0
Priestley St/Rainbow St/Henderson St Route												
18	1	Priestley St	North	full length	part of this is in the industrial area	construct footpath	Medium	560	\$100/m		\$56,000	
	2	Priestley St at Cavendish, Ethridge	North			construct ramps on north kerbs	Medium	4	\$1,000		\$4,000	
	3	Brewster St	West	from Priestley St to Rainbow St		construct footpath	Medium	100	\$100/m		\$10,000	
	4	Rainbow Rd	South	from Brewster St to Henderson St	43m of the footpath exists	complete footpath construction	High	137	\$100/m	\$13,700		
	5	Brewster at Rainbow Rd	South			construct ramps on southern side of Rainbow Rd	High	2	\$1,000	\$2,000		
	6	Henderson St	East	full length	100m of the footpath already exists	complete footpath construction	High	200	\$100/m	\$20,000		
	7	Henderson St at Rainbow				construct ramps	High	2	1000	\$2,000		
TOTAL ROUTE COST										\$13,700	\$70,000	\$0

MITTAGONG ACTION PLAN

Route No.	Admin No.	Street	Side	Location	Comments	Action	Priority	Disturbance	Unit Cost	High Priority	Medium Priority	Low Priority	Total Cost
Lyell St/Bowral Road Route													
19	1	Lyell St	West	from Old Hume Highway to Old Bowral Rd	this is a collector road with industrial traffic	construct footpath	Med & Low	1050	\$100/m		\$20,000		\$85,000
	2	Lyell St		at northern side Lyell St/Priestley St intersection	this is an area with industrial traffic	pedestrian refuge	Medium	1	\$12,000		\$12,000		
	3	Lyell St	west	at Cook & William St		install ramps	Med & Low	4	\$1,000		\$2,000		\$2,000
	4	Old Bowral Rd	North	from Lyell St to bus shelter		construct footpath	Low	200	\$100/m				\$20,000
	3	Old Bowral Rd	North	from Lyell St to Cavendish St		construct footpath	Low	300	\$100/m				\$30,000
	4	Old Bowral Rd	North	at Lyell St	this is an area with industrial traffic	pedestrian refuge	Low	1	\$12,000				\$12,000
	5	Old Bowral Rd	North	at Cavendish St		install ramps	Low	2	\$1,000				\$2,000
	6	Old Bowral Rd	North	at Cavendish St	warning required for motorists that pedestrians in road shoulder	pedestrian warning sign	High	1	\$200		\$200		
	7	Old Bowral Rd	North	from Cavendish St to Old Bowral Rd	there is no room to construct a footpath & pedestrians must be accommodated on the shoulder which is in poor condition	seal 1m wide strip in shoulder adjacent to the crash barrier	High	80	\$20/m		\$1,600		
	8	Old Bowral Rd	North	from Cavendish St to Old Bowral Rd	the delineation between pedestrians and cars is important	mark travel lane edge lane	High	80m	\$10/m		\$800		
	9	Bowral Rd	North	from Old Bowral Rd to House no 77	At House no 77 the road kerb exists	mark travel lane edge lane	High	60m	\$10/m		\$600		
	10	Bowral Rd	North	from Old Bowral Rd to House no 77	At House no 77 the road kerb exists	seal 1m wide strip in shoulder	High	60m	\$20/m		\$1,200		
	11	Bowral Rd	North	from no 77 to Ethridge St		construct footpath	medium	200m	\$100/m		\$20,000		
	12	Bowral Rd	North	at Ethridge St		install ramps	Medium	2	\$1,000		\$2,000		
	13	Bowral Rd	North	from Ethridge to Brewster St	along the frontage of the Caltex petrol station	construct footpath	Medium	57m	\$100/m		\$5,700		
	14	Bowral Rd	North	at Brewster St	existing footpath starts east of Brewster		install ramps	Medium	\$1,000	2	\$2,000		
TOTAL ROUTE COST										\$1,800	\$34,000		\$151,000

Wingcaribee PAMP

MITTAGONG ACTION PLAN

Route No.	Adapt No.	Signal	Stop	Location	Comments	Action	Priority	Distance / No.	Unit Cost	High Priority	Medium Priority	Low Priority	Total Cost			
Railway Parade Mt Gibraltar Link																
20	1	Railway Parade	South	from Oxley Dr to entrance of Mt Gibraltar Reserve	this is a recreation link	construct footpath and install sign indicating link to Mt Gibraltar walking paths	Low	900m & sign	\$ 100/m & \$200				\$90,000			
TOTAL ROUTE COST																
TOTAL HIGH PRIORITY WORKS																
TOTAL MEDIUM PRIORITY WORKS													\$249,500			
TOTAL LOW PRIORITY WORKS														\$527,800		
															\$777,300	