

City of Port Lincoln

Footpath Strategy



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Port Lincoln City Council

Footpath Priority Upgrade Plan

City of Port Lincoln

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1 Introduction

1.1 Executive Summary

The City of Port Lincoln (Council) owns and maintains the footpath network across the City of Port Lincoln Local Government Area. Council has a budget of approximately \$100,000 per annum for ten years (\$1,000,000) with which to meet its desired minimum standard service level. The minimum desired standard is to have 1.2m in situ concrete footpaths on at least one side of all roads throughout the City of Port Lincoln. In order to achieve this, Council is working with Tonkin Consulting to produce a Footpath Priority Upgrade Plan which lists segment upgrade order based on a series of agreed criteria and inputs from council and common practice.

This document describes:

- **background** of the project
- the **methodology** used to determine footpath upgrade priority
- the **results** and **analysis** the findings
- **recommendations** and **conclusions** with respect to footpaths upgrade priority for the City of Port Lincoln.

A list of the road segments in order of footpath upgrade priority is provided at Appendix B.

1.2 Background

The City of Port Lincoln is a Local Government Area located on the Eyre Peninsula, bordered to the east by the sea and the west by the District Council of Lower Eyre Peninsula.



Figure 1.1 Location of City of Port Lincoln LGA.

The city has a population of some 14,000 residents (ABS Census, 2015) with a largely even population distribution and a median age of 40 years old.

Age	Port Lincoln (C)	%	South Australia	%	Australia	%
Median age	40	--	40	--	38	--
0-4 years	922	6.6	97,072	5.8	1,464,779	6.3
5-9 years	922	6.6	100,466	6.0	1,502,646	6.4
10-14 years	871	6.2	95,461	5.7	1,397,183	6.0
15-19 years	843	6.0	100,686	6.0	1,421,595	6.1
20-24 years	774	5.5	107,986	6.4	1,566,793	6.7
25-29 years	852	6.1	107,361	6.4	1,664,602	7.1
30-34 years	915	6.5	110,751	6.6	1,703,847	7.3
35-39 years	749	5.3	102,818	6.1	1,561,679	6.7
40-44 years	860	6.1	106,650	6.4	1,583,257	6.8
45-49 years	930	6.6	113,619	6.8	1,581,455	6.8
50-54 years	895	6.4	113,272	6.8	1,523,551	6.5
55-59 years	998	7.1	111,896	6.7	1,454,332	6.2
60-64 years	862	6.1	102,028	6.1	1,299,397	5.6
65-69 years	790	5.6	96,286	5.7	1,188,999	5.1
70-74 years	645	4.6	72,563	4.3	887,716	3.8
75-79 years	477	3.4	53,885	3.2	652,657	2.8
80-84 years	353	2.5	39,374	2.3	460,549	2.0
85 years and over	390	2.8	44,479	2.7	486,842	2.1

The median age of people in Port Lincoln (C) (Local Government Areas) was 40 years. Children aged 0 - 14 years made up 19.3% of the population and people aged 65 years and over made up 18.9% of the population.

Figure 1.2 Population distribution, City of Port Lincoln, ABS Census 2016.

The distribution of the population is largely comparable to both South Australia and Australia with no significant outlying trends observed. A higher proportion of either elderly or school aged children when compared to the other state or national proportions would dictate the need for increased scrutiny of these age brackets against impacts on footpath priority however in this case no significant deviations from the normal distribution are observed.

The City of Port Lincoln includes a number of distinct shopping and activity precincts dispersed largely uniformly outwards from the main CBD.

The CBD for the purpose of this project is defined by the state government gazetted dry area **Port Lincoln Area 1** map (Below).



Figure 1.3 Port Lincoln - Area 1 Dry Area

(<https://www.cbs.sa.gov.au/licensing-and-registration/liquor/dry-areas-2/?Heading=Port%20Lincoln%20-%20Area%201>)

1.3 Council Strategic Imperatives

The following council strategic imperatives have been taken into account during the development of this report.

1. Minimum desired service standard of 1.2m concrete footpath on at least one side of all road segments.
2. Appreciation of Councils adopted City Image (Urban Design) Action plan which has been produced to advance a number of Council's Strategic Actions from the Strategic Directions Plan 2016-2026. Specific to this report:

Continue to invest in New Capital projects for priority footpath improvements, including pram ramps, with a forward program allocating priority to:

- ▶ major corridors
- ▶ arterial and collector road routes
- ▶ access routes to neighbourhood and regional open spaces, and
- ▶ schools and aged and health care sites.

Figure 1.4 *Excerpt from City Image (Urban Design) Action Plan*

3. Reference to the draft Open Space and Recreational Strategy, currently being undertaken by URPS and WAX Design (expected completion date unknown).
4. Internal and External Priorities (refer section 2.2)

1.4 Road and Footpath Collection History

In 2016 Tonkin Consulting was engaged by the City of Port Lincoln to undertake a road asset data collection project. The objective of this project was to complete a revaluation of all City of Port Lincoln road surface, unsealed road, road base, kerbing and footpath assets.

Road segments were digitised/generated and asset data was picked up against each road segment using a mobile data collection device. For a single road segment both left and right footpath asset condition data was collected against the segment (LHS, RHS).

Note that this is a different approach to collecting against the footpath geometry itself (which would appear visually offset to the road centreline). This method has the advantage of minimising the geometry required for a data collection process but is a notable simplification of the asset geometry.

For more information on the objectives and outcomes of this project, refer to Tonkin Consulting Report **20161593DR2A**.

A further outcome of this report was the ability to look at each asset type individually on its merits including surface assets, footpath, kerb etc. In 2017, Tonkin Consulting was engaged by Council to undertake a Footpath Priority Upgrade Plan (this report).

1.5 Required Service Standard

Port Lincoln City Council owns and maintains the footpath network within the City of Port Lincoln except where in-progress work is being undertaken by a developer. The total length of all road segments is some 182kms.

Port Lincoln City Council requires a minimum footpath service standard of:

- **CBD – Minimum 1.2m width in-situ concrete (Clay paver preferred), on AT LEAST one side of each road segment.**
- **Non CBD – Minimum 1.2m width in-situ concrete >1.2m wide path, on AT LEAST one side of each road segment.**

2 Workshop

A footpath priority workshop was held with Council on the 15th of September, 2017. In attendance were:

- James Paull – Spatial Discipline Lead, Tonkin Consulting
- Craig Matena – Operations Manager, City of Port Lincoln.

The objectives of this workshop were to:

1. Determine Key Travel Generators (KTGs) based on local knowledge
2. Define the CBD Area
3. List MCA Criteria and assign weightings.

The workshop also provided a platform for open discussion of the issues associated with the footpath priority upgrade plan and included:

- Project Background
- Overview of data captured to date and demonstration in GIS Cloud
- Council Priorities (Internal and External)
- New Data and Key Travel Generators
- MCA Inputs and Weighting and
- Onsite inspection of common footpath issues within the City of Port Lincoln.

2.1 Key Notes from Workshop

Key notes from workshop are listed below:

- Council aims to inspect footpaths at least once per year
- A priority upgrade plan could take into consideration existing assets and their condition so that when an asset reaches end of life (EOL) it gets included in the capital upgrade program.
- Prioritisation of upgrades is essential for planning each upgrade cycle and this is driven by a range of factors including cost, location, and proximity to key travel generators (KTGs)
- For new developments (ie sub-divisions) developers are required as a minimum standard to construct a 1.2m wide concrete/path on one side of the road. There are a number of developments of this nature in progress throughout the Council
- Pram ramps installed as required. Ie. PLEC upgrade, council doesn't have location register of all pram ramps.

2.2 Internal and External Priorities

Internal and external priorities were discussed with council. These are summarised in the table below.

Table 2.1 Internal and External Priorities

Internal (within council)	External (within community)
<ul style="list-style-type: none"> To maintain to minimum standard and gradually increase service levels for the community (1.2m concrete, one side, 10 years) 	<ul style="list-style-type: none"> Avoid reactive fixes identified by members of the community.
<ul style="list-style-type: none"> Safety. To maintain a safe footpath network. 	<ul style="list-style-type: none"> Elderly community housing is a priority from the community
<ul style="list-style-type: none"> Alignment with Open Space and Recreational Asset Strategy. 	<ul style="list-style-type: none"> A strategy that's fair to everyone based on good data and reasonable service expectations.
<ul style="list-style-type: none"> Alignment with PLEC, Council's underground electrical cabling program for the CBD. 	<ul style="list-style-type: none"> Developments. Expectation that they will provide the minimum service level as part of the development.
<ul style="list-style-type: none"> Budget. Prioritisation of asset capital works informs the budget. 	
<ul style="list-style-type: none"> Bicycle Strategy - shared path sections 	

2.3 Key Travel Generators (KTGs)

Key Travel Generators (KTGs) were discussed as part of the workshop. KTGs are anything that encourage foot traffic beyond normal volumes and include:

- Proximity to/from:
 - CBD and Shopping Precincts
 - Schools
 - Hospitals
 - Open Space and Recreational Assets
 - Childcare centres.
- Local Knowledge:
 - Foreshore area, most infrastructure is in place, no local markets
 - Events: Tunarama festival in CBD, Teakle auto sprint, Adelaide to Lincoln yacht race.
 - Hotels and accommodation, cruise ship docking.

2.4 Onsite Footpath Inspection

An onsite footpath inspection was undertaken at the conclusion of the workshop. A variety of locations in and around the City of Port Lincoln were inspected as detailed in Appendix A.

2.5 MCA Inputs and Weightings

The MCA process was discussed at length and a list of potential KTGs and other criteria was developed. Refer Section 3 of this report.

3 MCA Methodology

Following initial discussions with Council, a vector based MCA analysis was determined to be a suitable method for assessing each road segment against all other road segments using a variety of spatial and table inputs supplied by council, state government and derived from existing statistical datasets (ie. ABS Census data, 2015).

This method produced a score or ranking against each road segment. In this case, a higher ranking represented a higher upgrade priority.

3.1 MCA Process

All MCA workflows start with by defining question, in this case:

“Which road segment footpaths should be upgraded first and how does each criteria influence this decision.”

The following figure shows the MCA workflow used for this project.

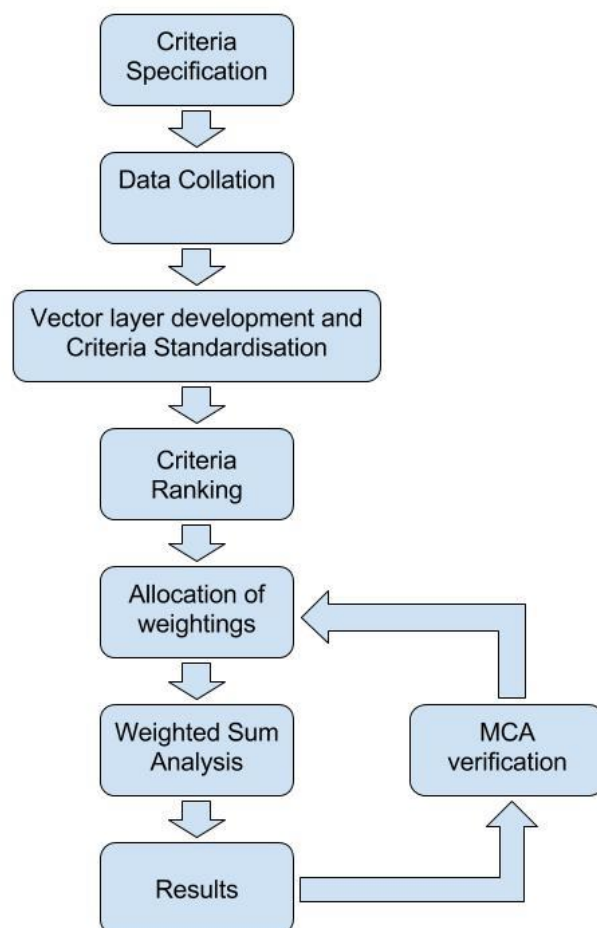


Figure 3.1 MCA Workflow

3.2 Criteria Specification

Each criterion was categorised into one of three types:

- **Elimination** criteria – used to eliminate road segments requiring footpath upgrade. *For example, where the minimum service standard is already being met.*
- **Variable** criteria – criteria with a varying range of values (commonly distance to/from selected criteria feature); and
- **Merit** criteria – criteria considered relevant but requiring further investigation of assessment after the mode is run (For example, footpath remaining life)

3.3 Data Collation

A total of fourteen separate variable criteria were used as inputs to the model. An additional criteria - remaining life, was used as merit criteria in the final list of road segments (Appendix B).

Data was either derived, created or used from council and SA Government sources. The following table lists and describes each criteria including their application/purpose within the MCA model.

Table 3.1 MCA Criteria

Category	Description of the Data	Application/Purpose (how does this affect the footpath upgrade priority)
Accommodation	Accommodation locations including hotels, motels and B& B's. (Does not include airBB, private rentals)	Tourist and working accommodation is largely frequented by foot traffic and is a key travel generator.
Hospitals	Port Lincoln Hospital location	Local foot traffic to and from hospital is largely by foot to nearby parking including staff, patients and visitors
CBD Area	Road segments intersecting the CBD. CBD based upon the gazetted dry area extent	Footpaths within the CBD have greater foot traffic in total and instantaneous pedestrian volumes
Doctor/GP Clinic Locations	Port Lincoln doctor and medical centres	Local foot traffic to and from doctor– staff, patients and visitors.
Eating/Drinking	Cafes, bars, takeaway, fast food outlets and restaurants	Footpaths to/from eating and drinking establishments have high local and visitor traffic (total and instantaneous pedestrian volumes)
Footpath Service levels	Examines the current service level of the associated footpaths to the road segment.	Identifies which roads segments have associated footpaths that meet minimum service standards
Parks and Sports facilities	Parks, open spaces, recreational areas and community sporting facilities.	Local/non-local foot traffic to and from sporting events, fitness and sports locations and recreational areas.

Category	Description of the Data	Application/Purpose (how does this affect the footpath upgrade priority)
Police stations	Port Lincoln police station location	Local foot traffic to and from station including staff
Population	Population per road catchment	Roads adjacent to areas of higher residential population will have greater foot traffic.
Retirement Villages	Retirement village, home locations	Local foot traffic to and from Retirement villages – Staff, local visitors, ambulant clients
Schools	All primary and secondary schools	Higher local foot traffic, cycle traffic to and from school locations – Staff parents, children
Supermarket/Convenience Stores / Petrol Stations	Location of shops, convenience facilities	Local foot traffic to/from super markets and other locations to obtain convenience items.
Toilets	Public toilet locations	Local foot traffic to/from toilets only.
Tourist Attractions	Tourist attractions within the City of Port Lincoln	Tourist/Visitor foot traffic to/from places of interest in the Port Lincoln Council area

3.4 Vector Layer Development

Table 3.2 Layer Development

Category	Data Description	Variable
Accommodation	Derived from locations identified in Port Lincoln Visitor Centre, search engine data, and local knowledge. Locations were manually verified and digitised as point features.	Distance from road segment to accommodation
Hospitals	Derived from locations identified in Port Lincoln Visitor Centre, search engine data, and local knowledge. Locations were manually verified and digitised as point features.	Distance from road segment to Hospitals
CBD	Digitised from gazetted Port Lincoln Dry Area 1. Nearest neighbour analysis based on the distance of roads from the CBD.	Distance from road segment to CBD
Doctor Locations	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification.	Distance from road segment to doctor locations
Eating/Drinking	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification.	Distance from road segment to eating/drinking locations

Category	Data Description	Variable
Footpath Service levels	Service levels based upon the requirement of at least one side of road to have footpath of designated service standard. For CBD roads Footpaths to be >1.2m wide, in-situ concrete (Minimum), >1.2m wide, clay paver (preferred). For non-CBD roads footpaths to be >1.2m wide, in-situ concrete.	Service levels met or not met (binary)
Parks and Sports facilities	Data derived from the open space strategy (URPS & Wax Designs) and Community Land Management Plan 2, Parks, Gardens and Reserves, Port Lincoln City Council. Further Information used from Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from road segment to parks and sporting facilities
Police stations	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from road segment to police station
Population	Road Spatial join with 2016 ABS mesh block population data. All adjacent mesh blocks considered as part of the roads service catchment	Calculated population for each road segment mesh block catchment
Retirement Villages	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from road segment to retirement villages
Schools	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from road segment to schools
Supermarket/Convenience Stores / Petrol Stations	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from shopping locations
Toilets	Data SA public toilet database	Distance from road segments to public toilet locations
Tourist Attractions	Port Lincoln Visitor Centre, search engine data. Manual digitisation and verification	Distance from road segment to tourist attractions

3.5 Standardisation and Cost/Gain

Standardisation is a necessary component of any MCA process so that variables are standardised against each other and very large or very small numbers don't have any uneven level of influence on the outputs of the model.

All criteria were standardised using a linear mathematical function:

$$\frac{X_{value}}{X_{max}}$$

Where *Xvalue* is the variable value, and *Xmax* is the maximum of that variable. This generates a value between 0 and 1 for all variables in the model.

Variables in the model were almost uniformly assigned as **costs**. As the value for a variable increases the segment is given lower priority. For example, distance from CBD. The exception to this was the population variable which was listed as a **gain** in the model. As population increases a higher priority is given to a road segment.

3.6 Criteria Ranking (Weighting)

After standardisation, each criteria was ranked by importance (weighting). Weightings were defined on a scale of 1 to 5 as follows:

Weighting	Description
1	Low level influence
2	Low to Medium level influence
3	Medium level influence
4	Medium to High level influence
5	High level influence

All criteria have some level of influence on the final result however those with a higher weighting have more influence than those with a lower weighting.

The weighting assigned to each criteria is shown below:

Table 3.3 MCA Criteria

Categories	Weighting
Toilets	1
Police station	
Hospital location	
Doctor location	
Retirement	
Supermarket/Convenience	2
Tourist Attractions	
Accommodation	3
Park/sports	4
Eating/Drinking	
CBD	5
Schools	
Population catchment	

3.7 Elimination Criteria

Road segments which already met the minimum service standard (Section 1.5) were eliminated from the model. Figure 3.2 shows the Road Segments that were included in the model.

In addition, the road segments representing the Mortlock Road-Sleaford Terrace-Le Brun Street-Porter Street roundabout were also eliminated as these represent a car park as shown below.

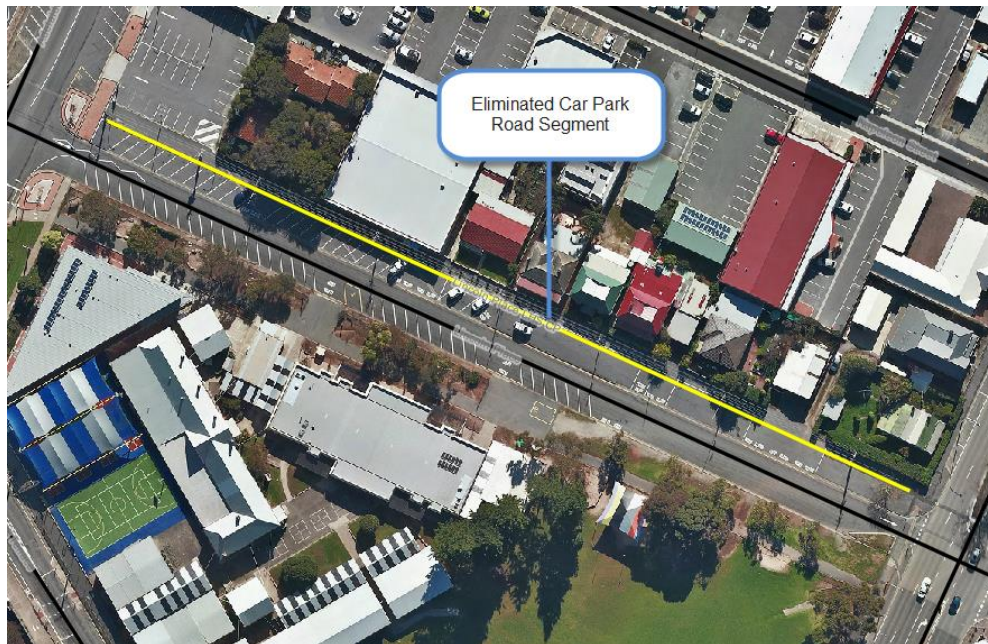


Figure 3.2 *Eliminated Car Park Segment*

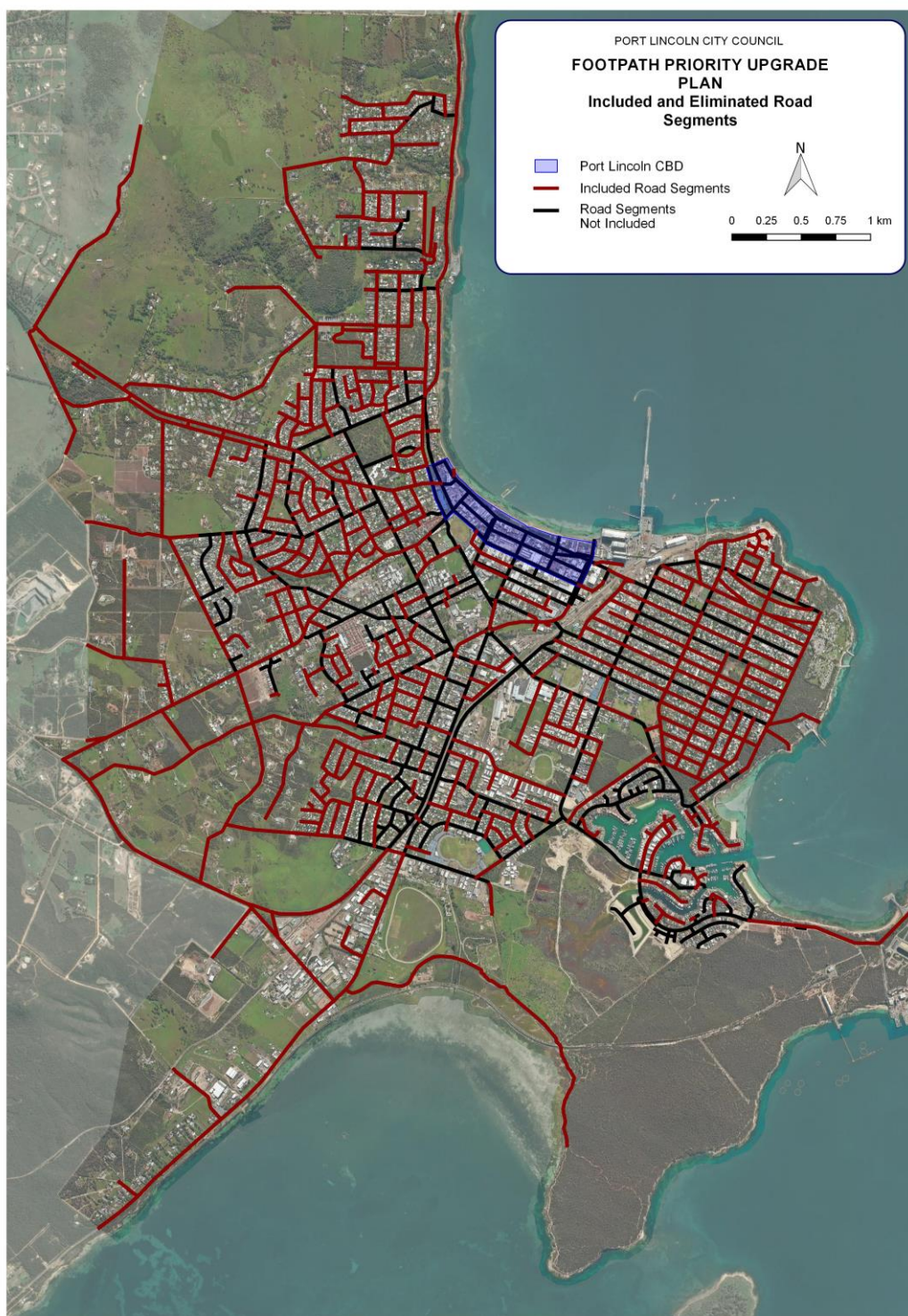


Figure 3.3 *Included and Eliminated Road Segments*

3.8 Data Issues and Assumptions

Data issues and assumptions are listed as follows.

- Data used in the MCA has undergone a series of geoprocesses including clipping or selecting by area of interest. Every effort has been made to ensure the integrity of the original data. Geoprocesses, as applied to each dataset, are listed in section 3.4
- All distance measurements are direct “on the fly” measurements. A detailed road network analysis distance is beyond the scope of this study.

4 Results and Analysis

4.1 Weighted Sum Analysis and Results

Results were measured by assigning a score to each road segment from the MCA model. This score takes into account the level of influence of the criteria and ranks it against all other alternatives considered in the model. This score has been used to create a thematic output where road segments shown in red are higher priority for footpath upgrade than those road segments shown in blue. Thematic distribution for this theme uses the equal breaks method.

The figure 4.1 shows the output from the MCA model using the final weightings. This output is considered the final output of the MCA model for identifying the road segments where footpaths upgrades are a priority.



Figure 4.1 MCA Results

4.2 Results Distribution

The graph below shows the distribution of road segments and their priority ranking.

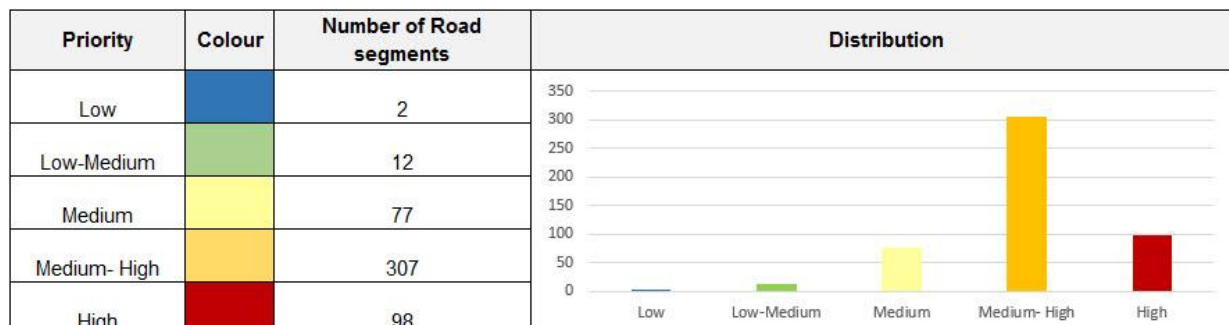


Figure 4.2 Road segment ranking distribution

The full list of all road segments and their footpath priority ranking is included as appendix B

4.3 Sensitivity Analysis

A sensitivity analysis was undertaken against the MCA results to determine if any one variable was having an uneven level of influence on the results of the model.

Two sensitivity methods were used:

- Critical Criteria - Highest ranking criteria (top two used).
- Minimal Detail - Equal weighted for all variables.

Results from the sensitivity analysis demonstrate that no outliers exist which have undue influence on the MCA Results. A comparison of all three scenarios is shown in Figure 4.3.



Figure 4.3 Comparison of MCA Results with Sensitivity Analysis Options

5 Recommendations and Conclusion

5.1 Recommendations and Further Investigation

Council consider the following items for further investigation

- Inclusion of SA Power Networks lighting data. This was discussed early on in the project however the data was unable to be obtained for use in the MCA model
- Consideration should be given to the potential use of condition data. Although remaining life incorporates this data as a component of its value, it would be prudent to review the calculated condition of each segment
- Network analysis. The MCA model used the shortest direct line distance between segments and criteria locations. This is a simpler method than undertaking a complete network analysis however this method could be considered in future
- Consideration should be given to segments that exist within close proximity to each other and that also have similar upgrade priority values. This would help maximise the efficiency of any capital works undertaken.

5.2 Conclusion

An MCA was conducted against all road segments where the minimum footpath service standard was currently not being achieved. The MCA used a series of input criteria as variables. Variables were standardised and weighted using input from workshop discussions with Council. The Model was run and iterated a number of times with minor changes.

A sensitivity analysis was undertaken to assess the reliability of the MCA model and compared to the final results.

Final results from the MCA model are detailed as Appendix B of this report.

Appendix A

Footpath Inspection Photos

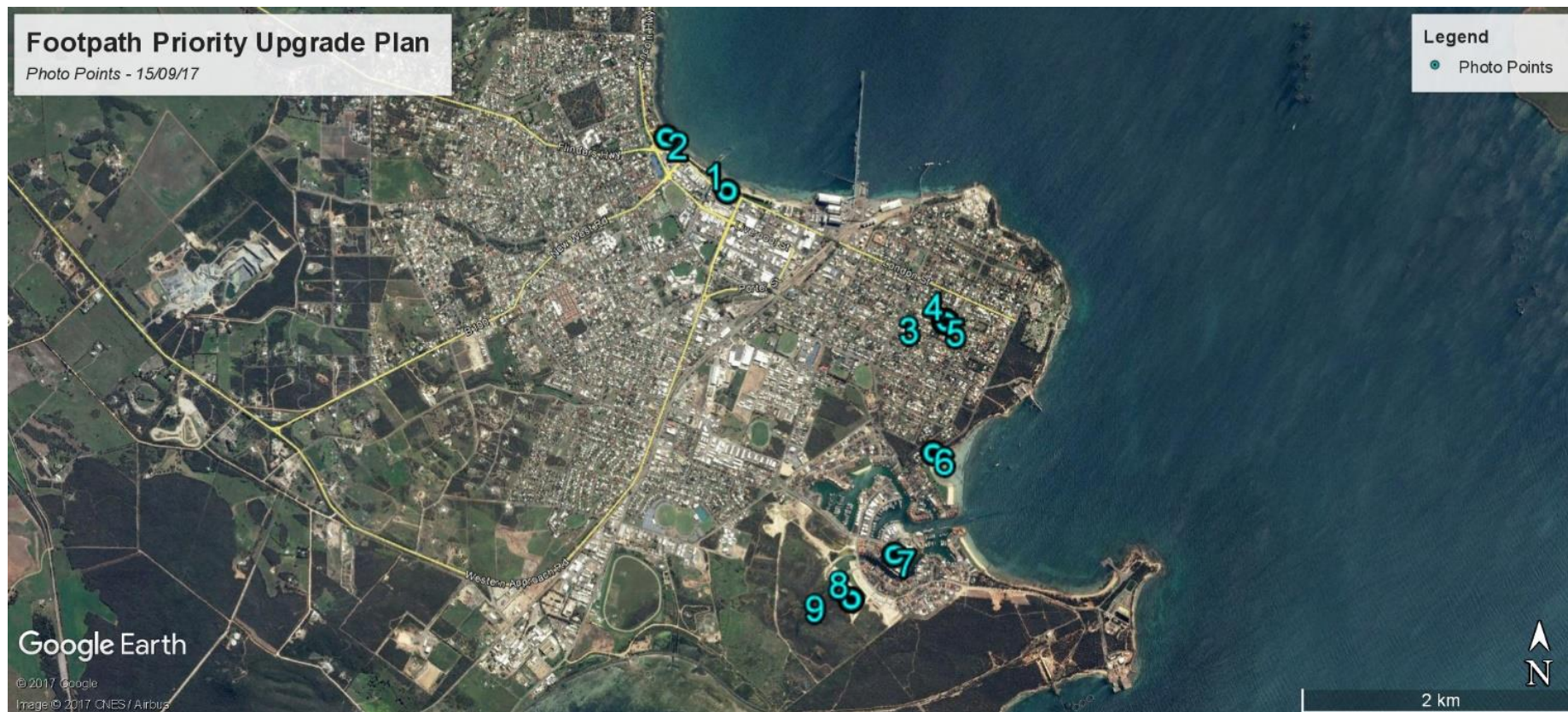


Figure A.1 Map of Photo Point Locations



Photo 1 – Example of concrete ramp open space on CBD foreshore area



Photo 2 – Looking South East along foreshore



Photo 3 – Newly laid insitu concrete footpath looking South East along Cardiff Road



Photo 4 – Looking North West along Cardiff Road, footpath works in progress in distance.



Photo 5 – Intersection of Cardiff Road and Barnard Street



Photo 6 – Looking South West along Adelphi Terrace, Pedestrians with pram using road as no footpath along this segment.



Photo 7: Leaf Litter over footpath at Jubilee Drive



Photo 8: Measure of installed 1.2m wide concrete footpath at Delamere Drive



Photo 9: Pram ramp installed with kerb in preparation for construction of insitu concrete footpath by developer at Delamere Drive

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Abeona Terrace	Gloucester Terrace to Brockworth Road	216.738	No Footpath
Adelphi Terrace	Nth Bndry of Lot 837 to Matthew Place	227.706	No Footpath
Adriatic Avenue	Oswald Drive to End	166.186	No Footpath
Alanah Court	Stamford Terrace to End	77.481	No Footpath
Alexander Crescent	Normandy Place to Roxanne Street	413.096	No Footpath
Alsace Crescent	Amiens Place to Shannon Avenue	168.198	No Footpath
Altair Crescent	Stamford Terrace to Follett Street	184.217	No Footpath
Althorpe Avenue	Paringa Avenue to Margaret Avenue	431.973	30
Amiens Place	Gascony Crescent to End	281.151	No Footpath
Angas Street	1. Breton Place to Shaen Street 2. Shaen Street to Smith Street	696.104	No Footpath
Ansley Place	St Andrews Terrace to Matthew Place	463.167	No Footpath
Arrandale Close	Proper Bay Road to End	169.095	No Footpath
Augusta Street	Seaview Road to Bay View Road	200.991	No Footpath
Averis Road	1. End of Seal at 621m to End 2. Flinders Highway to Start Seal 564m 3. Start of Seal 564 to End seal 621m	1017.12	No Footpath
Azure Close	Sapphire Drive to End	72.751	50
Baker Street	Dobbins Street to Tulka Terrace	153.099	No Footpath
Baltimore Street	1. Stevenson Street to Verran Terrace 2. Knott Street to Stevenson Street 3. Barnard Street to Knott Street 4. Volante Street to Barnard Street	1349.962	No Footpath
Banksia Crescent	Flinders Avenue to Ridley Crescent	275.814	No Footpath
Barley Road	1. West Bndry Lincoln South to Housing Trust Boundary 2. Western Approach Road to Proper Bay Road 3. Housing Trust Boundary to Nootina Road	965.735	No Footpath
Barnard Street	Lipson Place to Cardiff Road	908.957	No Footpath
Barry Avenue	Hamilton Avenue to Stuart Terrace	165.157	No Footpath
Bascombe Place	Whait Avenue to End	78.074	No Footpath
Baudin Place	1. Lincoln Highway to Breton Place 2. Breton Place to Flaxman Street	532.024	No Footpath
Bay View Road	Chapman Street to Lindsay Street	444.867	No Footpath
Beach Access Road	Tasman Terrace to Foreshore	37.395	No Footpath
Beaver Court	1. Bonanza Road to Kaye Drive 2. Start of Cul-de-sac to End	182.93	No Footpath
Bel Air Drive	1. Ravendale Road to 448m 2. 448m to 683m 3. 683m to Verran Terrace	927.641	No Footpath
Bellewood Avenue	Gascony Crescent to Breton Place	148.889	No Footpath
Bentham Place	Matthew Place to Dublin Street	173.512	No Footpath
Bernard Place	1. Hall Street to end of LHS Kerb 2. End of LHS Kerb to Happy Valley Road	430.668	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Bickers Avenue	1. Hage Avenue to Donnington Street 2. Lodge Street to Hage Avenue	307.623	No Footpath
Black Street	Cowley Crescent to Crawford Court	178.512	No Footpath
Blacker Court	Sarah Crescent to End	322.778	No Footpath
Blackman Court	Porter Street to End	40.032	No Footpath
Blackman Place	Porter Street to 80m West of Porter street	82.103	30
Blue Fin Road	1. 220m to end of Seal 2. Proper Bay Road to 220m	504.434	No Footpath
Bomar Street	Shepherd Avenue to Casanova Street	229.487	No Footpath
Bonanza Road	High View Drive to Newton Street	441.905	No Footpath
Borthwick Court	Baillie Drive to End	120.478	No Footpath
Boston Street	1. Mortlock Terrace to 290m 2. 290m to End	395.203	70
Breton Place	1. Hall Street to Eric Avenue 2. Baudin Place to Hall Street	794.694	No Footpath
Bridge Crescent	1. Bridge Crescent (Nth) to Southwater Drive 2. St Andrews Drive to End of Block Paving	289.669	No Footpath
Bristol Place	Cook Street to Hindmarsh Street	343.648	No Footpath
Brockworth Road	1. Normandy Place to Dorset Place 2. Dorset Place to Kemp Avenue	430.837	No Footpath
Brougham Place	1. Dublin Street to Cardiff Road 2. Wavell Road to End (London Street Bridge) 3. Cardiff Road to Wavell Road	591.426	No Footpath
Buberis Drive	Proper Bay Road to End	228.312	No Footpath
Cape Baron Place	Jubilee Drive to End	72.122	No Footpath
Cardiff Road	1. Brougham Place to Stevenson Street 2. Volante Street to Hindmarsh Street	538.202	No Footpath
Carramatta Court	Bel Air Drive to End	138.997	No Footpath
Carrawilla Street	Vigar Street to End	155.098	No Footpath
Cassanova Street	1. Dickens Street to 45m N/W of Bomar Street 2. 45m N/W of Bomar Street to Monalena Street	320.662	No Footpath
Casuarina Grove	Kurara Road to End	243.211	No Footpath
Chapman Street	1. Seaview Road to Bay View Road 2. Bay View Road to Sarah Crescent	432.502	No Footpath
Cheyanne Street	High View Drive to Walkley Road	103.315	No Footpath
Clyde Street	McFarlane Avenue to Flinders Highway	265.035	No Footpath
Cook Street	1. Stevenson Street to Knott Street 2. Knott Street to Trafalgar Street 3. Trafalgar Street to Hindmarsh Street	1173.899	No Footpath
Coral Street	1. Trafalgar Street to Knott Street 2. Hindmarsh Street to Trafalgar Street	775.59	No Footpath
Cowley Crescent	Baillie Drive to Crawford Court	138.388	No Footpath
Crawford Court	Baillie Drive to End	356.556	No Footpath
Cronin Avenue	1. 123m West of Third Avenue to Woolga Street 2. 85m W of Third Avenue to 123m W of Third Avenue	337.677	No Footpath
Denmark Drive	Stuart Terrace to Hermitage Crescent	189.008	30

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Dennis Street	St Andrews Terrace to Ansley Place	107.802	No Footpath
Dobbins Street	Swann Street to Day Street	184.222	No Footpath
Donnington Street	Ravendale Road to Bickers Avenue	108.937	No Footpath
Dorset Place	Brockworth Road to Gloucester Terrace	222.171	No Footpath
Doudy Street	Adelphi Terrace to End	96.003	No Footpath
Dutton Street	1. East Boundary of Lot No 44 to Matilda Street 2. Mortlock Terrace to 35m West of Mortlock Terrace	64.25	No Footpath
Easton Road	Newton Street to Bonanza Road	347.703	No Footpath
Eden Street	Henderson Street to Follett Street	300.984	No Footpath
El Alamein Street	Hindmarsh Street to Volante Street	308.553	No Footpath
Elizabeth Street	Myers Street to Sleaafoord Terrace	207.426	No Footpath
Ellen Street	Myers Street to Kiama Avenue	181.44	No Footpath
Eltham Avenue	1. Brougham Place to Stevenson Street 2. Knott Street to Barnard Street 3. Barnard Street to Volante Street 4. Volante Street to Hindmarsh Street	1068.068	No Footpath
Emerald Court	Sapphire Drive to End	48.916	50
English Street	Para Street to Hall Street	281.92	No Footpath
Eric Avenue	1. South Bndry of Lot No 9 to Mena Place 2. Breton Place to South Boundary Of lot No. 15 3. South Boundary of Lot 15 to South Boundary Of Lot 9 4. Breton Place to Bernard Place	767.683	No Footpath
Essex Avenue	1. Morialta Crescent to Paringa Avenue 2. Paringa Avenue to Wandana Avenue	221.432	No Footpath
Ettridge Street	1. London Street to Forbes Street 2. Forbes Street to Cook Street	187.692	No Footpath
Everard Court	Hilltop Drive to End	128.994	No Footpath
Explorer Drive	Grantala Road to End	744.617	No Footpath
Finke Street	Queen Street to Gawler Terrace	198.45	No Footpath
First Avenue	Tennant Street to Cronin Avenue	144.074	No Footpath
Flaxman Street	1. Baudin Place to Shaen Street 2. Smith Street to Valley View Road 3. Upper Section to End	783.064	No Footpath
Flinders Avenue	1. 38m E -astof Banksia Crescent to 110m West of Banksia Crescent 2. Duncan Avenue to 38m East of Banksia Crescent 3. 110m West of Banksia Crescent to Springfield Drive	310.229	No Footpath
Flinders Highway	1. East Boundary of Flinders Park to Hallett Place 2. Willison Street to Clyde Street 3. Hilltop Drive to Kaye drive 4. Clyde Street to East Boundary of Flinders Park	1224.806	
Flinders Highway	1. Kaye Drive to Frobisher Street 2. Frobisher Street to Willison Street 3. Happy Valley Road to Hilltop Drive Winters Hill Road to Happy Valley road	2021.892	

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Flinders H'way Access	1. 42m to 225m 2. Hiltop Drive to 42m 3. 255m to End 4. Reevesby Court to End North	423.997	No Footpath
Flinders H'way Access	1. End of Seal to 7m East of Cross Over 2. 7m East of Crossover to 13m West of Whillas road 3. Flinders Highway to Flinders Highway Access 4. 13m West of Whillas Road to 20m East of Hanchant Road	779.364	No Footpath
Forbes Street	Stevenson Street to Ettridge Street	266.162	No Footpath
Fram Street	Shepherd Avenue to Casanova Street	214.584	No Footpath
Frances Avenue	Lyle Drive to End	703.169	No Footpath
Frangos Street	Verran Terrace to Henderson Street	123.089	No Footpath
Freeman Avenue	Duncan Avenue to New West Road	200.663	No Footpath
Frobisher Street	Ocean Avenue to Flinders Highway	245.569	No Footpath
Garret Road	Happy Valley Road to End	754.09	No Footpath
Gascony Crescent	1. Normandy Place to Bellewood Avenue 2. Bellwood Avenue to End	232.981	No Footpath
Gawler Terrace	1. Access Road Kirton Point Jetty to Queen Street 2. End Gawler Terrace to Access Road Kirton Point	480.915	No Footpath
George Street	Willison Street to Trigg Street	146.138	No Footpath
Gillman Street	Kent Place to End	242.548	No Footpath
Glengyle Street	Vigar Street to End	155.21	No Footpath
Gliddon Street	McLaren Street to Dublin Street	366.885	No Footpath
Gloucester Terrace	Kemp Avenue to 30m South of Normandy Place	469.152	No Footpath
Goode Avenue	Marine Avenue to Tobruk Terrace	187.026	No Footpath
Grange Grove	Flinders Highway to Jilian Avenue	238.855	No Footpath
Grantala Road	1. West Boundary of Lot No 1 to Nootina Road 2. Tennent Street to West Boundary of Lot 1 3. Nootina Road to Western Approach Road	2298.018	No Footpath
Greyhound Road	1. South Boundary of Section 499 to Railway Line 2. Railway Line to End 3. South Boundary Greyhound Track to South Boundary of SFC 499 4. South Boundary of Drain Easement to South Boundary of Greyhound Track 5. South Boundary of Racecourse to South Boundary of Drain Easement 6. Proper Bay road to South Boundary of Racecourse	2724.317	No Footpath
Gulf Avenue	Duncan Avenue to End	164.883	No Footpath
Hage Avenue	Ravendale Road to Bickers Avenue	109.19	No Footpath
Haigh Street	Matilda Street to Sleaford Terrace	233.093	30
Hall Street	1. Bernard Place to Breton Place 2. Shaen Street to Bernard Place 3. Smith Street to Shaen Street	796.133	No Footpath
Hambridge Street	High View Drive to Hilltop Drive	207.169	No Footpath
Hamilton Avenue	Hermitage Crescent to Ocean Avenue	271.843	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Hamp Street	Oxford Terrace to Goode Avenue	189.37	No Footpath
Hanchant Road	Flinders H'way to Averis Road	547.746	No Footpath
Happy Valley Road	1. East Boundary of No 63 to Bernard Place 2. Flinders Highway to East Boundary of Lot 6	1652.587	No Footpath
Hartley Drive	Hall Street to End of Seal	214.809	No Footpath
Harvey Street No. 1	Volante Street to Ansley Place	317.592	No Footpath
Harvey Street No. 2	Holder Road to end	65.531	No Footpath
Hassell Road	Pine Freezers Road to Section 225 Bndry	451.097	No Footpath
Hawson Place	Kent Place South to Kent Place North	493.243	No Footpath
Heath Street	Verran Terrace to Feltus street	377.123	No Footpath
Heather Road	High View Drive to Walkley Road	225.721	No Footpath
Hecla Street	Feltus Street to Marindale Crescent	234.459	No Footpath
Henderson Street	Heath Street to Eden Street	395.204	No Footpath
Hermay Crescent	Kuranda Street to Tacoma Street	169.082	No Footpath
Hermitage Crescent	Oxford Terrace to New West Road	547.853	No Footpath
Hill Street	1. Torrens Street to Matthew Place 2. Matthew Place to Dublin Street	318.866	No Footpath
Hillside Grove	Nth End to South End	145.346	No Footpath
Hindmarsh Street	1. Dublin Street to North Bndry of Lot 394 2. North Boundary of Lot 394 to Cook Street 3. Cook Street to Kent Place	890.597	No Footpath
Holburn Street	1.Ruskin Road 2. Cranston Street	62.397	No Footpath
Holder Road	New West Road to Lyle Drive	314.349	No Footpath
Holroyd Avenue	Kiama Avenue to Telfer Street	280.033	No Footpath
Homely Place	Banksia Crescent to Robertson Road	216.747	No Footpath
Horrocks Street	Queen Street to Cook Street	162.815	No Footpath
Hudson Avenue	Marine Avenue to New West Road	132.687	No Footpath
Ikaros Street	Follett Street to Heath Street	162.948	No Footpath
Imba Street	Milton Avenue to Mitalie Avenue	104.241	No Footpath
Innes Street	Torrens Street to Adelphi Terrace	93.236	No Footpath
Island Drive	Nth Point Drive to End (Cul-de-Sac)	223.691	No Footpath
Ives Place	Knott Street to Cook Street	279.488	No Footpath
Jillian Avenue	Eric Avenue to End	256.167	50
Jordan Court	Valley View Road to End	143.062	No Footpath
Joy Crescent	Rockdale Boulevard to End	13.742	No Footpath
Jubilee Drive	Brick Pavers to South Quay Boulevard	211.977	No Footpath
Kali Grove	Hawson Place South to Hawson Place North	138.422	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Kapunta Place	Glengyle Street to End	59.499	No Footpath
Kelly Street	Cranston Street to St Joseph's School Entrance	46.173	30
Kemp Avenue	1. Gloucester Terrace to Brockworth Road 2. Brockworth road to End	269.16	No Footpath
Kestrel Place	1. Island Drive to End 2. North End (Cul-de-sac) to south End (Cul-de-sac)	169.085	No Footpath
Kiama Avenue	1. Telfer Street to Sleaford Terrace 2. Tennant Street to Telfer Street	443.994	No Footpath
King Street	London Street to Railway Crossing	193.301	30
Kinmont Avenue	Telfer Street to Sleaford Terrace	246.672	No Footpath
Knott Street	1. Eltham Avenue to Cardiff Road 2. Cardiff Road to Eltham Avenue 3. Matthew Place to Dublin Street 4. Dublin Street to Eltham Avenue 5. Cook Street to Queen Stret	875.891	20
Koonella Street	Barley Road to Vigar Street	254.731	No Footpath
Kooyonga Avenue	St Andrews Terrace to West Terrace	491.411	No Footpath
Kuranda Street	Martindale Crescent to coronation Place	185.638	No Footpath
Kurara Road	1. 396m to 566m 2. 566m to 961m 3. 221m to 396m 4. Robertson Road 107m 5. 107m to 221m	961.341	No Footpath
La Fayette Drive	Follett Street to End	268.605	No Footpath
Laidlaw Street	New West Road to Grantala Road	377.285	No Footpath
Lake View Avenue	1. North End (Cul-de-sac) to South End (Cul-de-Sac) 2. St Andrews Drive to End (Cul-de-sac)	329.208	No Footpath
Lawson Drive	1. Baillie Drive to End 2. North End(Cul-de-sac) to South End (Cul-de-sac)	330.387	No Footpath
Lear Place	Flinders Highway to End	120.439	No Footpath
Leech Place	Whait Avenue to End	67.34	No Footpath
Linc Street	Lorraine Avenue to Hillside Grove	85.822	No Footpath
Lincoln H'way	1. Baudin Place to Shaen Street 2. Shaen Street to Kurla Street 3. Kurla Street to Council Boundary	1806.178	No Footpath
Lincoln Place	1. 115m East to Mortlock Terrace 2. Adelaide Place to 115m East	248.624	30
Linden Drive	Rockdale Boulevard to End	39.642	No Footpath
Lindsay Street	1. Valley View Road to 97m Nth of Valley View Road 2. 97m from Valley View Road to Bay View road	437.11	No Footpath
Lipson Place	Torrens Street to Ansley Place	319.267	No Footpath
Liverpool Street	Railway Place to Porter Street	106.845	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Lodge Street	Ravendale Road to Bickers Avenue	109.388	No Footpath
Lombardy Place	Picardy Place to Baudin Place	135.662	No Footpath
London Street	Railway Place to Brougham Place	192.489	30
Lorraine Avenue	Breton Place to Amiens Place	296.132	No Footpath
Lower Flaxman Street	Flaxman Street to End	91.819	No Footpath
Lyle Drive	1. Holder Road to Frances Avenue 2. Frances Avenue to Council Boundary	566.366	No Footpath
Mackarell Street	Myers Street to Kiama Avenue	195.899	No Footpath
Malcolm Court	Baillie Drive to End	101.882	No Footpath
Mallee Crescent	Marino Avenue to Seaton Avenue	360.446	No Footpath
Margaret Avenue	Ocean Avenue to New West Road	429.655	No Footpath
Marino Avenue	Seaton Avenue to Ravendale Road	325.542	No Footpath
Mark Street	St Andrews Terrace to Matthew Place	239.204	No Footpath
Martindale Crescent	Follet Street to Stamford Terrace	279.083	No Footpath
Matthew Place	1. Ansley Place to Gliddon Street 2. Gliddon Street to Hill Street 3. Hill Street to Bentham Place	748.091	No Footpath
McFarlane Avenue	Oxford Terrace to Prospect Road	250.144	No Footpath
McLaren Street	Torrens Street to Ansley Place	541.899	No Footpath
Mena Place	1. East Bndry of Lot No 41 to Alexander Crescent 2. Stanley Grove to East Boundary of lot 41	264.765	No Footpath
Milton Avenue	1. Kurla Street to Imba Street 2. Imba Street to End of Seal 3. Unga Street to Kurla Street 4. End of Seal to End	795.82	No Footpath
Minnipa Avenue	Duncan Avenue to Ocean Avenue	203.557	No Footpath
Mitalie Avenue	Yardea Street to End	428.359	No Footpath
Mitilini Court	Valley View Road to End (Cul-de-Sac)	81.095	No Footpath
Mitton Avenue	Swann Street to End	193.454	No Footpath
Monalena Street	Cronin Avenue to Wattleton Street	241.266	No Footpath
Monash Road	1. Stevenson Street to Brougham Place 2. Knott Street to Stevenson Street 3. Barnard Street to Knott Street 4. Volante Street to Barnard Street 5. Hindmarsh Street to Volante Street	1500.562	No Footpath
Monterey Drive	1. Smada Court to Jubilee Drive 2. Monterey Drive(North) to End 3. Monterey Drive (South) to End	569.547	No Footpath
Moonta Crescent	Barley Road to Shepherd Avenue	300.697	70
Morgan Street	Swann Street to Tobruk Terrace	280.331	No Footpath
Morialta Crescent	Althorpe Avenue to Margaret Avenue	321.244	No Footpath
Mortlock Terrace	Park Terrace to Roundabout	203.191	30
Mourilya Street	Carrawilla Street to Wattleton Street	252.181	No Footpath
Muir Street	Prospect Road to Oxford Terrace	248.932	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Mundy Court	Proper Bay Road to End	308.684	No Footpath
Myers Street	1. Ellen Street to Haigh Street 2. Sinclair Street to Ellen Street	400.065	No Footpath
Napoleon Street	Mortlock Terrace to Adelaide Place	249.942	30
New West Road	1. Duncan Avenue to West Bndry of Lot 195 2. Old Boundary Line to Duncan Avenue 3. West Boundary of Lot 17 t Old Boundary Line 4. Pine Freezers Road to West Boundary of Lot 17	3167.822	20
Newton Street	Kaye Drive to Easton Road	232.352	No Footpath
Nigel Street	Flinders Highway to Kemp Avenue	116.032	No Footpath
Nootina Road	1. New West Road to Grantala Road 2. Grantala Road to End of Seal 3. End of Seal to Western Approach Road	1702.688	No Footpath
Nth Point Drive	Island Drive to End (Cul-de-Sac)	324.904	No Footpath
Nth Quay Boulevard	1. Brick Pavers to St Andrews Drive 2. Jubilee Drive to End of North Point Drive	418.217	No Footpath
Oak Street	Roslyn Street to Eric Avenue	90.506	No Footpath
Old West Road	New West Road to Council Bndry	142.438	No Footpath
Paige street	Eric Avenue to End	57.804	No Footpath
Para Street	English Street to Shaen Street	236.044	No Footpath
Paringa Avenue	1. Ocean Avenue to 93m East of Duncan Avenue 2. 93m East of Duncan Avenue to Duncan Avenue	361.921	No Footpath
Parnkalla Avenue	St Andrews Drive to End (Cul-de-Sac)	383.315	No Footpath
Passat Street	Barley Road to Shepherd Avenue	300.993	No Footpath
Pearson Avenue	New West Road to Duncan Avenue	350.85	No Footpath
Phillip Street	1. Heath Street to Coronation Place 2. Coronation Place to Ravendale Oval Gates	145.758	No Footpath
Pine Freezers Road	1. Pine Freezers Road (Nth) to Western Approach Road 2. North Side Railway Line to Western Approach Road 3. 428m to North Side Railway Line 4. 30m to 428m 5. 286m t0 302m 6. 272m to 286m	839.736	No Footpath
Pine Freezers Road	1. 263m to 272m 2. 224m to 263m 3. 188m to 244m 4. 138m to 188m 5. 117m to 138m 6. 91m to 117m	181.722	No Footpath
Pine Freezers Road	Proper Bay Road to 91m	90.89	No Footpath
Porter Street	1. Edinburgh Street to Blackman Place 2. Blackman Place to Mortlock Terrace	610.107	30
Power Terrace	1. Trafalgar Street to End (Cul-de-Sac) 2. East Boundary of Lot 11 to Trafalgar Street 3. Gilman Terrace to East Boundary of Lot 11	356.782	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Proper Bay Road	1. 280m NE of Pine Freezers Road to Windsor Avenue 2. 140m NE of Pine Freezers Road to 280m North East Pine Freezers Road 3. Pine Freezers Road to 140m North east of Pine Freezers Road 4. 100m West of Pine Freezers Road to Pine Freezers Road 5. Blue Fin Road to 100m West of Pine Freezers Road 6. Council Boundary to Blue Fin Road	3547.997	No Footpath
Prospect Road	McFarlane Avenue to Flinders Highway	237.126	No Footpath
Puckridge Place	Kennedy Terrace to End(Cul-de-Sac)	169.196	No Footpath
Quiberon Street	1. Mortlock Terrace to Theakstone Street 2. Theakstone Street to End	286.888	No Footpath
Quorna Avenue	Margaret Avenue to Althorpe Avenue	129.058	No Footpath
Railway Place	West Bndry of Lot No 347 to Liverpool Street	107.48	No Footpath
Reevesby Court	Flinders H'way to End	342.743	No Footpath
Ridgeway Street	Sleaford Terrace to Swann Street	117.256	No Footpath
Ridley Crescent	Banksia Crescent to Banksia Crescent	253.246	No Footpath
Rischbieth Court	Rischbieth Court to End	29.503	No Footpath
Rita Street	High View Drive to Easton Road	95.485	No Footpath
Riversdale Avenue	Marino Avenue to St Andrews Terrace	261.502	No Footpath
Robertson Road	1. 350m to 537m 2. 537m to Whillas Road 3. Whillas road to End	818.428	No Footpath
Rodda Avenue	Gulf Avenue to New West Road	399.004	No Footpath
Roslyn Street	Jillian Avenue to End	263.475	No Footpath
Roxanne Street	Eric Avenue to McDonald Avenue	155.12	No Footpath
Roxby Road	Hamilton Avenue to Margaret Avenue	164.979	No Footpath
Ryan Street	Edinburgh Street to Boston Street	88.671	No Footpath
Sailfish Drive	Laguna Drive to End	200.938	No Footpath
Sandringham Avenue	Marino Avenue to St Andrews Drive	257.003	No Footpath
Sapphire Drive	Hawson Place to End	323.352	50
Sarah Crescent	1. 124m W of Chapman Street to 9m S of Blacker Court 2. 9m South of Blacker Court to Yardea Street 3. Walter Street to 124m West of Chapman Street	981.377	No Footpath
School Lane	Ruskin Road to End	58.875	No Footpath
Seaton Avenue	1. St Andrews Terrace to N Bndry of Mallee Park 2. North Boundary of Mallee Park to 485m 3. 485m to 511m	520.966	No Footpath
Seaview Avenue	1. Chapman Street 2. Oswald Drive	278.344	No Footpath
Shaen Street	Hall Street to End	80.721	No Footpath
Shannon Avenue	Bellewood Avenue to Lorraine Avenue	241.458	No Footpath
Shepherd Avenue	Moonta Crescent to Bomar Street	199.259	20
Shields Street	Tulka Terrace to Tobruk Terrace	115.661	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Short Street	McFarlane Avenue to End	39.887	No Footpath
Simmons Street	Tyler Street to Lebrun Street	149.649	30
Sinclair Street	1. Matilda Street to Kiama Street 2. Mortlock Terrace to Matilda Street	493.422	No Footpath
Sleaford Terrace	1. Matilda Street / Oxford Terrace to Mortlock Terrace 2. Grantala Road to Telfer Street	573.75	30
Slipway Road	Hindmarsh Street to End	392.326	No Footpath
Smada Court	Monterey Drive to End	77.011	No Footpath
Smith Street	1. Flaxman Street to Hall Street 2. Hall Street to End	416.508	No Footpath
Snook's Landing Road	Bentham Place to End	229.469	No Footpath
South Quay Boulevard	1. Jubilee Drive to 180m North 2. Jubilee Drive East to 100m West	291.977	No Footpath
Spilsby Court	1. Flinders H'way Access to End 2. End	223.279	No Footpath
Springfield Drive	1. 330m South to Flinders Avenue 2. Robertson Road to 235m South of Robertson Road 3. 235m South Robertson Road to 330m South	464.145	No Footpath
St Andrews Drive	1. South Point Drive to E End Haldanes Block 2. East End of Haldanes Block to Billy Lights Point	1306.646	No Footpath
St Andrews Terrace	Stevenson Street to E Bndry of Kirton Point School	258.696	70
Stamford Terrace	Windsor Avenue to Coronation Place	225.775	No Footpath
Stanley Grove	Jillian Avenue to Flinders Highway	210.356	No Footpath
Stephens Street	Volante Street to Ansley Place	435.392	No Footpath
Stevenson Street	Matthew Place to St Andrews Terrace	205.798	20
Stroud Terrace	Brockworth Road to Gloucester Terrace	264.011	No Footpath
Stuart Terrace	New West Road to Ocean Avenue	383.038	No Footpath
Surfleet Place	Nth Point Drive to End	163.614	No Footpath
Swann Street	Mitton Avenue to Morgan Street	242.063	No Footpath
Tacoma Street	Coronation Place to Hecla Street	169.427	No Footpath
Tally Ho Avenue	Telford Avenue to New West Road	165.226	70
Telford Avenue	1. Bowling Avenue to Park Terrace 2. Oxford Terrace to Bowling Avenue	603.543	30
Tennant Street	1. West Boundary of No 86 to Sleaford Terrace 2. Holroyd Avenue to West Boundary of No. 86	237.329	No Footpath
The Mews	St Andrews Drive to End (Cul-de-Sac)	30.512	No Footpath
Theakstone Street	Quiberon Street to Mortlock Terace	141.775	No Footpath
Third Avenue	Tennant Street to Cronin Avenue	160.346	No Footpath
Thirwell Street	McDonald Avenue to Alexander Crescent	116.372	No Footpath
Thomas Court	Belair Drive to End (Cul-de-Sac)	157.588	No Footpath
Tiatuckia Street	Wattleton Street to Cronin Avenue	233.783	No Footpath
Tod Street	Flaxman Street to 45m to End	49.578	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Tolmer Lane	Hallet Place to Adelaide Place	179.236	No Footpath
Tonto Place	Vigar Street to End	138.412	No Footpath
Topaz Close	Sapphire Drive to End	72.937	50
Torrens Street	Hill Street to Innes Street	391.891	No Footpath
Trafalgar Street	1. London Street to Cook Street 2. cook Street to Kent Place 3. Cardiff Road to London Street 4. Kent Place to Power Terrace	701.849	No Footpath
Trigg Street	Flinders H'way to Oxford Terrace	274.657	No Footpath
Tulka Terrace	Shields Street to Sleaford Terrace	215.995	No Footpath
Tyler Street	1. Mortlock Terrace to Simmons Street 2. Simmons Street to End	208.349	30
Unga Street	Kurla Street to Milton Avenue	140.114	No Footpath
Unnamed Road A	Porter Street to End	60.46	No Footpath
Unnamed Road B	Chapman Street to End	185.45	No Footpath
Unnamed Road C	Nth Point Avenue to End	48.434	No Footpath
Unnamed Road D	Mortlock Terrace to Verran Terrace	45.278	No Footpath
Val Street	Easton Road to High View Drive	95.883	No Footpath
Valley View Road	1. 15m East of Lindsay Street to Flaxman Street 2. Walter Street to Jordan Court	372.331	No Footpath
Victoria Crescent	Kent Place to Queen Street	683.692	No Footpath
Vigar Street	Barley Road to Passatt Street	427.459	No Footpath
Village Place	End Block Paving to South	23.088	No Footpath
Vine Road	Walker Road to Hilltop Drive	101.553	No Footpath
Volante Street	Lipson Place to Cardiff Road	907.983	No Footpath
Walker Street	Lincoln H'way to End	80.77	No Footpath
Walkley Road	Hambridge Street to Ocean Avenue	529.835	No Footpath
Walter Court	Valley View Road to End	104.95	No Footpath
Walter Street	1. Valley View Road to 410m North 2. 410m North of Valley View Road to Sarah Crescent	606.356	No Footpath
Wandana Avenue	Duncan Avenue to Ocean Avenue	316.61	No Footpath
Watherston Street	1. End of Seal to Hall Street2. Angas Street to End of Seal	161.608	No Footpath
Wattleton Street	Monalena Street to Woolga Street	152.113	No Footpath
Wavell Road	1. Knott Street to Stevenson Street 2. Stevenson Street to brougham Place 3. Trafalgar Street to Knott Street 4. Hindmarsh Street to Trafalgar Street	1384.017	No Footpath
Weavers Lane	Bernard Place to 60m S of Bernard Place	345.544	No Footpath
Wendland Street	Roslyn Street to End of Seal	95.179	No Footpath
West Terrace	Seaton Avenue to NW End	170.4	No Footpath

APPENDIX B - FOOTPATH UPGRADE LIST

Road Name	Segments	GIS Length	Remaining Life of Footpath (1 Side) or LHS (2 Sides)
Western Approach Road	1. Pine Freezers Road to Barley Road 2. Nootina Road to Pine Freezers Road 3. New West Road to Nootina Road	2946.496	No Footpath
Whillas Road	1. 152m South of Flinders H'way to 765m 2. 765m to Robertson Road 3. Flinders Highway Access to 152m South of Flinders	838.101	No Footpath
White Street	Sea View Road to Bay View Road	201.373	No Footpath
Willison Street	1. George Street to Flinders Highway 2. Trigg Street to North Boundary of Kindergarten 3. North Boundary of Kindergarten to George Street	177.236	No Footpath
Windsor Avenue	Stamford Terrace to End	485.881	No Footpath
Wingard Terrace	Marina Drive to St Andrews Terrace	797.52	No Footpath
Winter Hill Road	Flinders H'way to End	1698.657	No Footpath
Winter Street	1. Freeman Avenue to Pearson Avenue 2. Pearson Avenue to Rodda Avenue 3. Rodda Avenue to End	319.046	No Footpath
Woolga Street	Wattleton Street to Cronin Avenue	208.721	No Footpath
Wyatts Place	Hall Street to End	240.787	No Footpath
Yardea Street	1. 26m SW of Mitalie Avenue to 10m W of Sarah Crescent 2. 10m West of Sarah Crescent to End 3. Yardea Street to Mitalie Avenue	588.892	No Footpath
York Street	1. Stevenson Street to End 2. Knott street to Stevenson Street 3. Barnard Street to Knott Street	893.482	No Footpath



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