



Figure 1 – Aerial of Site & surrounding features (ACTmapi May 2017)

Traffic Conditions

Existing Road Network

The site is surrounded by the following roads as defined under ACT Roads Hierarchy

- Lowrie Street – adjacent to Block – Access Street nominal capacity of 0-1,000 vehicles per day (vpd)
- Moncrieff Street – East of the site connected to Lowrie Street – Access Street nominal capacity of 0-1,000 vehicles per day (vpd)
- Morphett Street – North of site connected to Moncrieff Street – Access Street nominal capacity of 0-1,000 vehicles per day (vpd)
- Dooring Street – South of site connected to Moncrieff Street – Major Collector nominal capacity of 3001-6,000 vehicles per day (vpd)

These 4 roads are the nearby roads adjacent or near the site with Morphett Street providing the most direct access to the nearby Arterial road Northbourne Ave. Dooring Street also provides access onto the nearby Cowper Street which is designated as a major collector road connecting to other roads in Canberra.

Accident Data

Accident data was obtained by Roads ACT on the roads adjacent to or near the site.

A summary of the data obtain is shown with in the table below. The full data as provided by TCCS can be observed in Appendix A.

In Summary:

- The obtained data spans from 2012-2016.
- The only accident involving an injury was observed at the intersection Dooring/Moncrieff.
- The largest number of accidents occurred at the Intersection of Dooring/Moncrieff Ave with 5 accidents observed over a period over the 5 year period.

Under the Federal Government Black Spot program, for an area to be defined as a Black spot road (midblock or intersection) requiring modification, the road in question is required to meet the following condition.

“For individual sites such as intersections, mid-block or short road sections, there should be a history of at least three casualty crashes over a five-year period. For lengths of road, there should be an average of 0.2 casualty crashes per kilometre per annum over the length in question over five years.”

From this definition, none of the locations mentioned in the accident data provided meet this requirement.

Location	Type of accidents	Number of accidents
Intersection Lowrie/Moncrieff (SW)	None	None
Midblock - Lowrie Street (Moncrieff -> Moncrieff)	1 x Property damage only	1 accident in total
Intersection Lowrie/Moncrieff	None	None
Midblock - Lowrie Street (Moncrieff -> Lowrie)	None	None
Intersection Lowrie (End)	None	None
Intersection Moncrieff/Morphett	2 x Property damage only	2 accident in total
Midblock - Moncrieff Street (Morphett -> Lowrie)	None	None
Mid Block Moncrieff Street (Lowrie -> Lowrie)	2 x Property damage only	2 accident in total
Mid Block - Moncrieff Street (Lowrie -> Dooring)	None	None
Intersection Dooring/Moncrieff	4 x Property damage only 1 x Injury (received Treatment)	5 accident in total



Location Description **LOWRIE (END)**

Location : Chainage	Police Reference	Date/Time Direction	Severity Lane	Injury Type Position	Crash Type Movement	Number of Casualties Visibility	Number of Vehicles	Road Surface	Weather	Rum Code
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Crashes = 0

Total Crashes = 1

STREET REPORT

MONCRIEFF STREET - showing Intersections (including Major

History Location: **Intersection) and Midblocks**

Report Date **01/01/2012 12:00:00 AM -> 31/12/2016 11:59:59**

Range: **PM**

Location Type **Intersection**

Location Description **MONCRIEFF/MORPHETT**

Location : Chainage	Police Reference	Date/Time Direction	Severity Lane	Injury Type Position	Crash Type Movement	Number of Casualties Visibility	Number of Vehicles	Road Surface	Weat her	Rum Code
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Location	Police Reference	Date/Time	Severity	Injury Type	Crash Type	Number of Casualties	Number of Vehicles	Road Surface	Weather	Rum Code	
MONCRIEFF/MORPHETT	2012-1167063	30/05/2012 17:10	Property Damage Only	Within intersection	Right turn	6	0	2	Good dry surface	Fine	303
	Vehicle 2	North bound	1st (kerb or left) lane	Within intersection	Left turn	6	0	2	Good dry surface	Fine	302
MONCRIEFF/MORPHETT	2014-2124551	4/09/2014 11:00	Property Damage Only	Within intersection	Left turn	6	0	2	Good dry surface	Fine	302
	Vehicle 2	North bound	1st (kerb or left) lane	Within intersection	Left turn	6	0	2	Good dry surface	Fine	302

Crashes = 2

Location Type Mid Block
Location Description MONCRIEFF STREET (MORPHETT -> LOWRIE)

Location : Chainage	Police Reference	Date/Time	Severity	Injury Type	Crash Type	Number of Casualties	Number of Vehicles	Road Surface	Weather	Rum Code
		Direction	Lane	Position	Movement	Visibility				

Crashes = 0

Location Type **Intersection**
Location Description **LOWRIE/MONCRIEFF**

Location : Chainage	Police Reference	Date/Time	Severity	Injury Type	Crash Type	Number of Casualties	Number of Vehicles	Road Surface	Weather	Rum Code
		Direction	Lane	Position	Movement	Visibility				
Crashes = 0										

Location Type **Mid Block**
Location Description **MONCRIEFF STREET (LOWRIE -> LOWRIE)**

Location : Chainage	Police Reference	Date/Time	Severity	Injury Type	Crash Type	Number of Casualties	Number of Vehicles	Road Surface	Weather	Rum Code
		Direction	Lane	Position	Movement	Visibility				
MONCRIEFF STREET (LOWRIE -> LOWRIE) : 63	2013-1209835	28/04/2013 13:30	Property Damage Only			9	0	2	Good dry surface	Fine 406
Vehicle 1	West bound	Other	1st (kerb or left) lane	Out of driveway Not related to intersection	Backing	Not obstructed				
Vehicle 2	North bound				Parked	Not obstructed				

Appendix B: Roads ACT Traffic data May 2017

Street Name	Suburb	Survey Location A	Survey Location B	Survey Start Date	Location Map	
Moncrieff Street	Dickson	Lowrie Street (North)	Lowrie Street (South)	22/07/2012	Site Map	
Morphett Street	Dickson	Moncrieff Street	Challis Street	1/09/2015	Site Map	
Morphett Street	Dickson	Cowper Street	Guthrie Street	2/09/2015		
Dooring Street	Dickson	Karuah Street	McGowan Street	2/05/2011		
Towards	Weekday Volume	AM Peak	PM Peak	Percentage of HV	Mean Speed	85th Percentile Speed
Lowrie Street (North)	824	53	110	1.1	49.6	58.0
Moncrieff Street	2909	518	251	2.6	36.7	48.2
Cowper Street	1710	170	162	3.3	42.3	51.1
Karuah Street	977	60	148	1.2	46.8	54.4
Towards	Weekday Volume	AM Peak	PM Peak	Percentage of HV	Mean Speed	85th Percentile Speed
Lowrie Street (South)	913	208	75	0.9	52.4	60.0
Challis Street	2135	228	237	3.5	36.7	46.8
Guthrie Street	1299	170	129	3.6	42.4	50.4
McGowan Street	1137	304	78	0.4	47.2	54.8