

AECOM

Traffic and Transport Initial Findings

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Ingleside Discussions – Traffic & Transport

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Scope of Works

Aim: to ensure that future transport infrastructure is appropriate for the level of proposed development.

- Assess the impacts of the proposed development for all modes of transport
 - Road network constraints
 - Road Safety
 - Amenity (including potential noise impacts)
 - Liveability (ensure the road hierarchy and street function is appropriate to the nature of both existing and proposed developments)
 - Staging (establish implementation framework)
- Recommend measures to address impacts
 - Infrastructure upgrades
 - Road widening
 - Intersection Upgrades
 - Bus service and active travel improvements
 - Travel demand mitigation

Background

- Recent Studies & Context
 - Powderworks Road Corridor Transport Study (AECOM)
 - Mona Vale Road studies (RMS)
 - Mona Vale to Macquarie Park Corridor Strategy
 - Mona Vale Road McCarrs Creek Road to Powderworks Road Upgrade
 - Regional development (BRT, Northern Beaches Hospital, Wakehurst Parkway)
 - Local studies and planning framework
- Existing Conditions
 - Predominantly rural land use (nurseries, low density residential)
 - Road corridors (Powderworks Road, Mona Vale Road, rat runs)
 - Minimal public transport and active travel opportunities
- Baseline Data
 - RMS data counter on Mona Vale Road
 - Recent AECOM traffic data
 - Journey to Work data
 - Mode Split data

Key Issues & Opportunities

- Key Issues for consideration
 - High demand for private car travel
 - Existing strategic road network
 - Constrained topography
 - Intersection capacity
 - Mona Vale Road and Powderworks Road corridor capacity
 - Rat running
 - External traffic generators (e.g. Northern Beaches Hospital, Macquarie Park)
 - Availability of precinct access points from Mona Vale Road
- Opportunities
 - Improvement of public transport infrastructure and services
 - Active travel network development
 - Road corridor and intersection upgrades to improve access (e.g. Tumburra Street)
 - Traffic mitigation for Powderworks Road
 - Improved safety

Next Steps

- Additional data collection
 - Data collected last week and currently being processed.
- Engaging stakeholders prior to commencing study
 - CRG feedback on issues and opportunities
 - RMS
 - Pittwater Council
- Early 2014
 - Initial traffic assessment
 - Inform development feasibility
 - Inform Masterplanning

Questions & Discussion