

# Route Option Evaluation – Value Management Workshop

## TYPICAL OBJECTIVES

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### General Workshop Purpose

In broad terms, the objective of this workshop is to obtain a common understanding of the project and its objectives, review the work undertaken to date and recommend a preferred direction, if appropriate, to progress the project to the next stage of development.

### Workshop Objectives

- *Clarify the objectives of the project;*
- *Review the planning parameters for the project;*
- *Examine and assess the shortlisted options developed to meet the project objectives;*
- *Recommend a preferred direction to the RTA to progress the project;*
- *Develop an action plan to progress the project.*

# Route Option Evaluation Workshop

## TYPICAL AGENDA

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### DAY 1: .....

#### Introduction

Welcome

Description of the workshop process

Workshop Objectives

#### Information Phase

Overview of the project from the following perspectives:

(short presentations giving background information)

- *The “Big Picture” (project context, need) (5-10 mins)*
- *Council Perspective (community need, future planning, issues) (5-10 mins)*
- *Project Overview (background, options planning, consultation, studies, program, where are we up to?) (10-15 mins)*

#### Analysis Phase

- What’s important about the Highway Upgrade
- The Problem Situation
- Project “Drivers” & Objectives
- Assumptions
- Development and weighting of assessment criteria
- Development of assessment criteria (cont)
- Review of the options
  - *Presentation of the options*
- Analysis of the options (what’s good about them, what’s not so good)

**Close – Workshop Dinner**

### DAY 2: .....

#### Option Evaluation

- Consideration and evaluation of options against the criteria developed on Day 1
- Recommendation of preferred direction, if appropriate

#### Workshop Outcomes and Action Plan

- Summary of workshop conclusions and directions
- Action Plan (where to from here?)

**Close**

## Case Study – Sample Workshop Extracts

### What's Important about the Highway Upgrade Project

No.	What's Important	Rating
1.	The attractiveness of the road as a gateway and its appropriate visual appearance	***
2.	Maximising the ecological sustainability of wildlife and vegetation	*
3.	Ensuring stakeholders have access, communication and involvement in decisions	
4.	Providing the best outcome for the community and the RTA for now and in the future	*
5.	Improving the residential environment along the existing road and the recommended corridor	
6.	Integrating the road with adjoining development areas (better rationalise road corridors)	***
7.	The impacts of property severance and acquisition	**
8.	The impacts of environmental severance (ie. severance of wildlife corridors)	**
9.	Ensuring there are appropriate access and exits points along the corridor (particularly to cater for the industrial area – trucks)	
10.	Ensuring adequate compensation or mitigation for the affected landowners	**
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# Developing Assessment Criteria

## TYPICAL CRITERIA

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### ***Functional Criteria***

- Meets the 100km/hr design speed standard
- Minimises property access points and intersections
- Supports economic and urban development
- Construction can be staged
- Better rationalise the use of road corridors
- Visual quality (attractive, maintainable)
- ...
- ...

### ***Socio-economic Impact Criteria***

- .....
- ....
- ....

### ***Environmental Impact Criteria***

- ....
- ....
- ....

## Weighting of Assessment Criteria EXAMPLE

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### Functional Assessment Criteria

No	Assessment	Raw Score	Relative Weightings
A.	Meets 100km/hr design speed standard		
B.	Minimises property access points and intersections		
C.	Supports economic and urban development		
D.	Construction can be staged		
E.	Better rationalise the use of road corridors		
F.	Visual quality (attractive, maintainable)		
G.	Allows efficiency of intersections		
H.	Improves safety		
	<b>Total</b>		

## Summary of Corridor Option Evaluation EXAMPLE

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Rank	Assessment Category				
	Functional	Social Impact	Environmental Impact	Cost (\$M)	BCR
1	A	A	E	E, A (\$70)	A (3.1)
2	B	C	D		E (2.8)
3	C	E, B	C	C (\$75)	B (2.7)
4	D		B	B, D (\$80)	C (2.6)
5	E	D	A		D (2.4)