

MEETING NOTES



Name of meeting: Foxground & Berry Bypass southern route review
Technical Investigation Group
Meeting 3

Location of meeting: RMS Project Office, Pymont

Meeting facilitator: Steve Zhivanovich

Date: 21/02/2012 **Time:** 10am

Attendees:	Name	Initials
	Adam Berry	AB
Phil Jorgensen	PJ	
David Kennewell [phone]	DK	
Annabel Killen	AK	
Michael Moore	MM	
Ken O'Neill	KO	
John Poposki	JP	
Glen Smith	GS	
Peter Stewart	PS	
Ben Vohralik	BV	
Steven Zhivanovich	SZ	

Additional Distribution:	Name	Initials
	Adam Berry	AB
Phil Jorgensen	PJ	
David Kennewell [phone]	DK	
Annabel Killen	AK	

	ITEM	COMMENT	ACTION	COMPLETION DATE
1.	Review of outstanding actions from previous minutes	Minutes included below	Noted	
2.	Design development: Southern bypass option	<ul style="list-style-type: none"> - Vertical alignment RL - Southern interchange options: designs and assessment criteria - Access roads and local road adjustments 		
		Relevant design standard is SM1600	Noted	
		Blue (northern) interchange option design to be developed further	GS	Ongoing
		Vertical alignment <ul style="list-style-type: none"> - More detailed documentation required explaining current 7.5m RL based on flood investigation. Clarify whether 500mm freeboard is included 	DK	29/02

		<ul style="list-style-type: none"> - Consultation with Isabelle Ghetti (Shoalhaven City Council) - Investigation of correlation between photogrammetry and known - Investigate south coast rail level information currently held by RMS - Investigate feasibility of surveying south coast rail levels outside track boundaries 	DK JP GS JP JP	
	Concept design guidelines	<p>Addendum to current document to be produced with specifics for Berry</p> <ul style="list-style-type: none"> - Freeboard allowance requirements: Clarification required. - Bridge design guidelines: Figure showing typical cross section to be included - Rail interface requirements: Maintenance tracks allowance to be included - Rail interface: Include statement from RailCorp regarding their long term flood immunity plans (e.g. raising rail line as recommended in SMEC report). Appropriate RailCorp contact to be identified - Climate change: Current document is specific to Northern option and does not refer to the 700mm allowance. Include detail of this requirement 	JP GS GS AB DK	29/02 29/02 29/02 TBA 29/02
	Flood investigations and assessment review of memo produced by Aecom	<p>First draft of memo reviewed.</p> <ul style="list-style-type: none"> - Increased detail required, especially specific numbers/parameters where available - Further work on map explaining which zones are subject to which climate change impacts eg current limit of sea level influence (tidal zone influence) and year 2100 predicted climate change sea level rise zone of influence 	DK DK	29/02 29/02
		Materials for community consultation.		
	Geotech investigations (desk top)	Diversion of Town Creek , GS to forward information to PJ for estimation	AK GS	29/02
	Geotech investigations (fieldwork)	<ul style="list-style-type: none"> - Geotech fieldwork brief - Progress of boreholes 		

		Fieldwork to commence possibly 21/02 or 22/02	Noted	
		Geotech fieldwork brief to be obtained and reviewed to ensure it covers <ul style="list-style-type: none"> - Depth of soft soils - Nature of soils (presence of ASS) - CPT - Cores taken to rock 	AB	29/02
	Precast arch bridge design option	Documentation to be prepared detailing design parameters for precast arch option <ul style="list-style-type: none"> - Minimum cover over arch to pavement - Dimensions - Constructability - Implication of soft soils at foundation - Use of stub walls - Construction in vicinity of rail 	KO'N	29/02
	RailCorp interface	RailCorp contact to be identified. Meeting to be held in 2-3 weeks.	AB	TBA
		Statement of RailCorp design and construction constraints required	AB	TBA
	Construction methods	Progressing	Noted	
	Mass Haul Analysis Quantity inputs	Development of mass haul analysis to be progressed: haul routes, assumptions to be stated (eg stockpile sites, borrow pits, no restrictions on movement). Construction methods to be linked. Develop plans showing on-road / off-road haul routes	PS BV	TBA
	Estimating	Development of estimation model progressing	Noted	
		Document explaining approach to estimation for public (eg contingency/concept v strategic) required. SKM document to be used as basis, supporting information from other states' road authorities to be included.	AK/PJ	29/02
		Description of the estimate to be defined in line with strategic and / or concept estimate guidelines. To be reviewed and discussed at next meeting.	All	
		Interim reviews of estimate: <ol style="list-style-type: none"> 1. Late in w/c 27/2 2. W/c 12/3 3. Final review: week prior to Easter Program to be updated to reflect this	AK	29/02
		PJ on leave 26/3	Noted	
	Programming, Additional resources required	Progressing. PS confirmed a programmer will be	Noted MM	

		required in coming weeks. Programmer to be put on notice for upcoming work.		
	Comparative report	Report structure to be developed	AK	29/02