

Monthly Project Summary



1. PROJECT DETAILS

DATE:	11 April 23	EOM PERIOD	April 2023
PROJECT NUMBER	141-4248		
PROJECT NAME:	Brisbane Metro - End of Trips Facilities		
CLIENT:	Brisbane Move		

2. PROJECT TRACKING

INDICES					
Revenue % Complete:	39.49%	Cost % Complete:	56.83%	Time % Complete.	88.94%
Tender % Margin:	9.18%	Forecast Final Margin:	9.18%	Forecast Date for Practical Completion	25/03/2024

Any comments or actions on Project Overview?	Action	Due
SP 1 Countess street - Targeting handover to Hitachi following completion of defects list (09/05). Structural steel install to commence end of month. SP 2 Ernie's Roundabout - Structural Steel deliveries commencing in the next week to commence intumescent painting in preparation for installation on-site in June. SP 3 UQ Lakes – Majority of electrical and drainage works in Stage 1 completed in March. Busway, footpath and platform pavements to be completed in April. SP 4 Dutton Park - works proceeding - new Date for PC to be agreed.		

3. STAFF PRODUCTIVITY & RETENTION

Productivity Per Person in Month / to date (TVR \$ / Person) in \$k:	\$ 155k
Retention issues (staff resignations)	0

Any comments or actions on Staff Turnover? Any Staff Retention issues or emerging concerns in Month?	Action	Due
Need to rotate people out of night shift and maybe look at other projects.	VA	

Monthly Project Summary



4. INCLEMENT WEATHER

Inclement Weather Days Per Month:	0
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Any comments on Inclement Weather?	Action	Due

4248 Brisbane Metro - EoT Facilities	EOM MAY 23
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Margin Performance	Period	To-date
Turnover	5,099,849	25,473,749
Costs	4,631,682	23,135,258
Margin	468,165	2,338,491

Overhead Ratio (staff productivity)	Period	To-date	
Average staff on project	33.0	30.0	k\$ / each
\$/person (TVR) \$k	↓ 155	170	

Correspondence	Period	To-date	
Letters sent to client	11 ↑	464	274 93
Letters received from client	1 ↑	5,100	26 980
RFI's sent	10 ↑	510	248 103

Productivities (top 3, by absolute movement)			Productivity Rates					Production rate		Comment
	Cost Code	Activity	Budget Rate	Achieved Rate	Difference	Volume	Amount (gain/loss)	Budget	Actual	
1	4120	JRCP placement	229.00	280.00	51.00	156	7,956			*Increased concrete FRP resources assigned to the activity due to commencement of work activity
2										

Programming			Original Duration			EOT's		Revised Completion				Early (+ve) / Late (-ve)	
	SP No.	Separable Portion	Start Date	End Date	Duration	Claimed	Approved	Claimed	Approved - without preduice	Forecast (rev23a)	Claimed	Approved	
	1	Countess Street - Stage 5	9/02/2023	5/04/2023	55	42	42	17/05/2023	14/05/2023	17/05/2023	0	-3	
	5	Countess Street - Structures	24/05/2023	31/08/2023	99	12	12	12/09/2023		12/09/2023			
	2	Ernies Roundabout - Container Structure Install	7/04/2022	2/03/2023	329	55	55	26/04/2023	26/06/2023	13/08/2023		-48	
	3	UQ Lakes Stage 3 - Northern Structure Install	5/07/2022	14/02/2023	224	287	133	12/06/2023	27/06/2023	27/09/2023	287	-92	
	3	UQ Lakes PC	5/07/2022	2/06/2023	332	376	161	12/06/2024	10/11/2023	25/03/2024	356	-136	
	4	Dutton park	5/07/2022	1/12/2022	149	225	181	14/07/2023	31/05/2023	14/07/2023	0	-44	
Some works Delayed to after Container Install													
Notice of Delays Submitted,													
Weekly program workshops ongoing with client													
Notice of Delays Submitted,													
Weekly program workshops ongoing with client													
EOT submission Due 13/03 (Today)													
New Date to be agreed - Andy is working on a programe for the EOT submission													

Procurement		Budget	Let value	Difference
Top packages let this period				
1	SP1 & SP2 - Sculptform (Cladding)	640,000	740,000	- 100,000
2				
3				-
4				-

Top upcoming packages		Budget	Anticipated	Difference
1	SP1 & SP2 - FyrePro (Fire walls)	tbc	tbc	#VALUE!
2				
3				-
4				-

Reliance Per Jobpac
R&O Per Jobpac
Variation Register [Variations 4248 Brisbane Metro EOTF Phase 2 PHMU.xlsx](#)
Procurement Register [Metro - Procurement Register.xlsx](#)
Cost Code Forecast Report [C11 - 4248 - Forecast Spreadsheet May 23.xlsm](#)

entry field

Per CV

Run "timesheet monthly report", remove 'labour' roles, sum column L (% of Job), divide by 100%.

From Correspondence Register & Project Comms Platform (ie. sharepoint, Aconex, Teambinder etc)

Monthly Project Summary



5. KEY WORK ACTIVITIES FOR THE MONTH

1.	SP1 Countess St - • Stage 5 asphalt works • Defect walk throughs, handover to Hitachi
2.	SP2 Ernie's - • Commence concrete pavement works in northern area. • Complete gravel pavements in roundabout. • Complete drainage works near container structure. • Complete conduit and pit installation below container structure. • Completion of stormwater pits in the roundabout. • Fabrication of light poles. • Fabrication of structural steel ongoing
3.	SP3 UQ Lakes: • Strip footings completed • Commence structural steel fabrication for Southern Structure • Complete lightly bound pavements (underneath JRCP) • Complete lean mix sub-base pavement (underneath JRCP) • Commence joint reinforced concrete pavements • Commence concrete in-situ vehicle barrier • Continue service locating behind Northern Platform structure
4.	SP4 Dutton Park - • Completed conduit installation • Completed boggo road underbore • Commenced noisewall panel installation • Commenced FRP embankment slab • Continued boulder wall construction • Painted pedestrian gates (Fencepac)

6. KEY CHALLENGES

1.	SP1 Countess: • Boral asphalt works. Conforming layer thicknesses • Structural Steel fabrication
2.	SP2 Ernie's: • Temporary works - completing temporary works for low to medium risk items such as the removal of pit 743/02, shoring boxes for drainage line 742 & RMU structure temporary works to allow access for Energex • Works being delayed due to unforeseen - Conduit installation below gravel pavements created issues where proof roll was failing. This required a quick turnaround RFI which then delayed works by 1 week. • HDD03 conduit connection to northern gantry - Access to HDD03 was not very good, workers had to complete all works in asbestos PPE. HDD03 surfaced 2.3m below ground level and had to be excavated out to access. The work area subsequently stopped pavement works from being complete between the northern gantry and the existing busway.

Monthly Project Summary



	Mandrelling of conduits - Specifications requires a minimum 95% bore width of conduit to be mandrelled, this proved impossible in areas where bends were introduced to allow works to continue.
3.	SP3 UQ Lakes: - Site access/movements around site are heavily constrained due to pad footings, pavement working areas, completed electrical pits etc. - Finishing works post traffic switch (e.g structural steel install, platform fit out, sandstone block wall installation) - Commencement of Northern Platform works (service locating/completion of clear and grub/ piling investigation required) - Existing services on Northern Platform. Co-ordination required with asset owners (e.g UQ/Translink) for temporary power relocation works - Steel fabrication - issue with 200x300x16mm RHS required for northern platform. Proposal submitted to BNEM for review (request to utilise RHS manufactured to European standards not Australian standards) - Sandstone blocks - Helidon (quarry producing blocks) are only manufacturing ~15 blocks per week. JMAC ordered the blocks in November 2022. Blocks being damaged during handling/transport - JMAC are liaising with Helidon to resolve.
4.	SP4 Dutton Park: - Installation of the remaining noisewall posts. There a two gate posts that have just been painted that need to be installed at the back and front of the pad. This delay was due to Fencepac's procurement and has resulted in delays to the slab works. There is also a post which needs to be installed within our current access ramp. This will restrict access and will therefore require a separate mobilisation once we have excavated out of the slab. - Sliding gate is an ongoing delay. There are two posts which we are currently awaiting Fencepac to procure the cages. These too will need to be installed prior to completion of the slab works. The final sliding gate is also running behind program. - Mandrelling of conduits - Specifications requires size to be a minimum 95% of conduit. Sizing of available mandrel units do not meet this requirement and therefore it has taken a number of weeks to get the available sizing approved by BMove. The risk now is that the FRP slab works has commenced and any conduit issue will delay progression of works. - Civex gaining access and space. BMove have taken a portion of our laydown area to accommodate the mobilisation of Civex. BMD's laydown area has and will continued to cause inefficiencies due to sharing access and double handling of materials. BMove have advised that when Civex are ready to complete their works, BMD will be directed to stop their works and move from the access road to allow Civex full access. - Yard area is becoming increasing tight as we begin our access track permanent works. This space is currently a storage area.

Monthly Project Summary

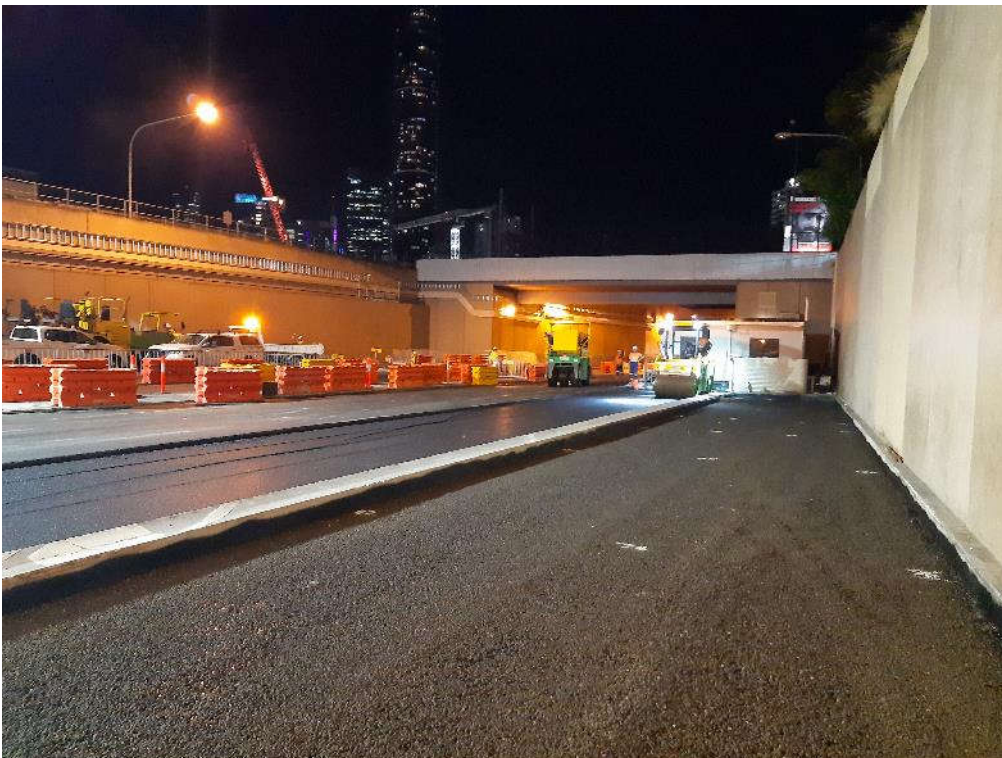
7. WORK ACTIVITY IMAGERY

Please include at least **8 high quality images** from this month's work activity.

SP1 - Stage 5 Pavement Spray Sealing Works



SP1 Countess St - Spray seal at southern charging container structure



Monthly Project Summary

SP2 Ernie's - Northern Pavements CTB Placement



SP2 Ernie's - HDD03 Connection to Northern Gantry Columns



Monthly Project Summary

SP2 Ernie's - Container Structure Conduit and Pit install Progress



SP3 UQ Lakes –Steel fabrication (HVAC - Southern Structure)



Monthly Project Summary



SP3 UQ Lakes – Jointed Reinforced Concrete Pavement (pour 1)



Monthly Project Summary

SP4 Dutton Park - Noise wall panel and blinder install

