

# CMDG - Technical Reference Group Meeting Minutes 27-1-10

## MEETING MINUTES

Venue: Dooley St Depot meeting room  
Rockhampton.

Date: Wednesday 27 January 2010

Attendees: Chris Hegarty (Cardno), Simon Steinhofer (Cardno), Trevor Bernhard (CHRC), Neil MacLean (CHRC), Mike Prior (RRC), Grant Vaughan (RRC), Phil McKone (FRW), John Walker (Banana Shire), Luke Gannon (Banana Shire).

Greg Abbotts (RRC) and Mark Murray (RRC) attended at about 2pm to discuss landscaping matters.

Time	Item	Task
11:00am	Meeting commences	
	<u>Previous meeting minutes and business arising</u> <ul style="list-style-type: none"> <li>• <i>Easements – Phil McKone has previously sent out information regarding this from LGAQ but will follow up on further information. However there has been no resistance on gaining easements to date, hence agreed that current practises remain.</i></li> <li>• <i>Gross pollution traps, more information needed and documents need to be provided</i></li> <li>• <i>Phil McKone advised that the Sustainable Planning Act standard conditions (from State Government) are minimal technical requirements in the event of a deemed approval under the new act. List for discussion next meeting.</i></li> </ul>	<p>Phil (FRW)</p> <p>Cardno</p> <p>Councils</p>
	<u>Website –</u> <ul style="list-style-type: none"> <li>• <i>Website to have a full overhaul where all files are removed and new files added</i></li> <li>• <i>Links to Councils Operational works applications included on website</i></li> <li>• <i>Watermark document where changes are being considered for website users to see</i></li> <li>• <i>Problems with PDF, Cardno to research solution</i></li> <li>• <i>Issues viewing the site through internet browsers such as Firefox needs to be fixed, Cardno to get their IT department to help</i></li> <li>• <i>All superseded drawings on website to be removed</i></li> <li>• <i>New front page photo, Cardno to complete</i></li> </ul>	<p>Cardno</p>
	<u>General Matters arising through use of the documentation</u> <ol style="list-style-type: none"> <li><b>1. 5mm screenings in trenches – issues with trench drainage</b> <ul style="list-style-type: none"> <li>• <i>Amendments to trench to also allow subsoil drainage from the trench into stormwater drainage.</i></li> <li>• <i>SD-D-010 add a note 9 – Where ground water is encountered then the superintendent must be notified and an appropriate trench drainage solution approved by Superintendent.</i></li> <li>• <i>5mm screenings removed from notes and change to ‘approved bedding’</i></li> <li>• <i>Review reference to Australian Standards regarding bedding</i></li> </ul> </li> <li><b>2. Offset for the inter allotment drainage</b> <ul style="list-style-type: none"> <li>• <i>No action</i></li> </ul> </li> </ol>	<p>Cardno</p>

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<p><b>3. Asphalt standard – Suppliers reluctant to supply DG14</b></p> <p><b>4. Asphalt testing specs – CMDG conflicts with DMR – check AAPA National Asphalt Specs?</b></p> <ul style="list-style-type: none"> <li>• <i>Problems have been encountered with asphalt providers unwilling to provide DG14 at depths under 40mm – CMDG standard conflicts with Main Roads standards.</i></li> <li>• <i>Table D2.13.1 needs to allow for DG10</i></li> <li>• <i>Cardno to review MRD &amp; AAPA Standards and recommend amended standard.</i></li> </ul>	<p>Cardno</p>
<p><b>5. Standards for Minor Access Rural Roads</b></p> <ul style="list-style-type: none"> <li>• <i>Table D1.21.02 to be reviewed by both BSC and CHRC and sent to Cardno</i></li> <li>• <i>Figure D1.21.01 - update figure so that a shoulder width is shown (seal width should not be formation width).</i></li> </ul>	<p>BSC &amp; CHRC</p> <p>Cardno</p>
<p><b>6. Standard Drawing Template</b></p> <ul style="list-style-type: none"> <li>• <i>Drawings to have revised Councils names with no logo's</i></li> <li>• <i>Drawings to be renumbered as CMDG-Section-Drawing No.</i></li> </ul>	<p>Cardno</p>
<p><b>7. Floodway's</b></p> <ul style="list-style-type: none"> <li>• <i>Floodway drawing to be included in standard drawings. John Walker to investigate and produce a draft drawing.</i></li> <li>• <i>Cardno to Liaise with IPWEAQ when standard drawing complete (they may wish to include in their standard drawing set)</i></li> <li>• <i>Drawing number to be chosen so that it doesn't clash with any IPWEAQ drawings.</i></li> </ul>	<p>John (BSC)</p>
<p><b>8. Pipe bedding specifications – compaction of bedding material.</b></p> <ul style="list-style-type: none"> <li>• <i>To be listed for further discussion next meeting</i></li> <li>• <i>Testing requirements for road crossings to be included in mandatory testing section in C402</i></li> </ul>	<p>Cardno</p>
<p><b>9. Sewerage rising main detention time formula? (D12.16.5)</b></p> <ul style="list-style-type: none"> <li>• <i>Some concerns about the correctness of this formula</i></li> <li>• <i>Phil to consider in overall review of D12 Sewerage Design</i></li> </ul>	<p>Phil (FRW)</p>
<p><b>10. Gravity sewer - vacuum testing</b></p> <ul style="list-style-type: none"> <li>• <i>Phil to review WSAA's test procedures and include a statement about whether vacuum testing is permitted or not permitted</i></li> <li>• <i>Concern that vacuum testing may unseat the rubber ring;</i></li> </ul>	<p>Phil (FRW)</p>
<p><b><u>Lunch 13:00</u></b></p>	
<p><b>11. Mandatory installation of Optic Fibre</b></p> <ul style="list-style-type: none"> <li>• <i>Trevor (CHRC) to send Cardno current information</i></li> <li>• <i>List for further discussion next meeting</i></li> </ul>	<p>Trevor (CHRC) &amp; Cardno</p>
<p><b>12. Standard Drawings (reviewing SD-R-100 &amp; SD-R-101)</b></p> <ul style="list-style-type: none"> <li>• <i>Light pole placement - add asterisk on dimension for pole beside street lights and add note regarding usual pole offset 1m from kerb</i></li> <li>• <i>Trees to be on same alignment as poles</i></li> </ul>	<p>RRC</p>
<p><i>Greg Abbotts and Mark Murray arrived at meeting</i></p>	

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	<ul style="list-style-type: none"> <li>• Amend Note 8 to be consistent with above</li> <li>• Issues with clashes with Telecommunications &amp; Water at 600mm depth</li> <li>• Service Clearances - 100mm minimum and 300mm desirable - state on drawing</li> <li>• Marker tape – refer to WSAA standards or 300mm above top of pipe</li> <li>• RRC to finalise these drawings and send to Cardno – Cardno to forward to all parties</li> <li>• Note about concrete footpath width being varied needs to be applied as well as the footpath to be greyed out into the background.</li> </ul> <p><u>Mike Prior leaves meeting</u></p> <p><b>13. Footpath Tree Alignments and Landscaping</b></p> <ul style="list-style-type: none"> <li>• Greg (RRC) to chase up Brisbane for AutoCAD copies of proposed new standard drawings</li> <li>• Greg (RRC) to also consider Cairns Regional Councils landscaping drawings for possible future inclusions</li> <li>• John (BSC) &amp; Greg (RRC) to review drawings and specification together. Greg to send Cardno current drawings which will then be sent onto John;</li> <li>• Tree species list to be included, John and Greg to send through current species lists to Cardno which will then be circulated</li> <li>• Some general discussion about destruction of landscaping caused by builders.</li> </ul> <p><u>Greg Abbotts and Mark Murray leave meeting</u></p> <p><u>Standard Drawings – Water and Sewer</u></p> <p><b>14. SD-S-030 Two “Type B” connections</b></p> <ul style="list-style-type: none"> <li>• Concern about material falling into sewer when plumbers make connection to vertical branch</li> <li>• Phil to send through Gold Coast drawings (which show different arrangements with more clarity) to Cardno which will then be circulated.</li> <li>• Phil to amend drawing to clarify arrangements for works at Subdivision construction and after plumbers have made the final connection – perhaps a separate drawing would be appropriate.</li> </ul> <p><b>15. Gates and Grids</b></p> <ul style="list-style-type: none"> <li>• Agreed that a standard drawing should be included in the CMDG</li> <li>• John (BSC) to complete drawing and send to Cardno</li> <li>• Trevor (CHRC) to also send out information through to Cardno</li> <li>• All information gathered will then be circulated by Cardno</li> </ul> <p><b>16. Minimum percentage open gaps on driveway grates</b></p> <ul style="list-style-type: none"> <li>• Some discussion about the minimum gap size for grates (i.e use of Stiletto Grates) on SD-R-42 and SD-R-43.</li> <li>• No Action to amend CMDG though each Council to consider each situation on its merits</li> </ul> <p><b>17. Marker tape above water mains clause</b></p> <ul style="list-style-type: none"> <li>• Clause referring to the marker tape to be moved to section (22)</li> </ul>	<p>Greg (RRC) &amp; John (BSC)</p> <p>Trevor (CHRC) and John (BSC)</p> <p>Phil (FRW) &amp; Cardno</p> <p>John (BSC) Trevor (CHRC) &amp; Cardno</p>
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	<p><b>18. Spelling mistakes and formatting in 'Foundation Drains' and 'Clearing and Grubbing' Specs - noted.</b></p> <ul style="list-style-type: none"> <li>• Amendments to all documentation to be completed to address this</li> </ul> <p><b>19. Concrete kerb strength – CMDG requires 32MPa</b></p> <ul style="list-style-type: none"> <li>• Confirm 32MPa requirement</li> </ul> <p><b>20. ADAC</b></p> <ul style="list-style-type: none"> <li>• Agreed that will not proceed with ADAC at this stage</li> <li>• Chris to send link to RRC as constructed requirement to BSC and CHRC for their consideration.</li> </ul> <p><b>21. Cracking of stormwater pipe road crossings</b></p> <ul style="list-style-type: none"> <li>• Some discussion about the cracking of stormwater pipes and Townsville proposal to backfill with stabilised sand to address</li> <li>• Generally considered to be a construction issue due to poor compaction</li> <li>• No action taken</li> </ul> <p><b>22. Final Drawing Amendments</b></p> <ul style="list-style-type: none"> <li>• All members agreed that all drawings to be amended by Cardno to draft format (includes amending Council names, renumbering to new format, inclusion of applicability box and making minor changes agreed to in the meeting)</li> </ul> <p><b>23. Tables of Difference</b></p> <ul style="list-style-type: none"> <li>• Chris to send the word document comprising of all the tables in the CMDG.</li> <li>• Councils to check, amend if necessary and send back to Cardno</li> </ul> <p><b>24. Next Meeting</b></p> <ul style="list-style-type: none"> <li>• Next meeting date to be finalised but will be in approximately four (4) to six (6) weeks,</li> <li>• It will be held at Duaringa</li> <li>• Once date has been finalised, Trevor (CHRC) to arrange catering and meeting location.</li> </ul>	<p>Cardno</p> <p>Cardno</p> <p>Cardno</p> <p>Cardno</p> <p>Cardno</p> <p>Cardno</p> <p>CHRC &amp; Cardno</p>
3:30pm	Meeting Close	