Calgary Metropolitan Region Board

Calgary Metropolitan Region Board
Agenda - Land Use & Servicing Committee Meeting
July 6, 2023, 9:30 AM, Go-To Meeting
MEETINGS ARE RECORDED & LIVE-STREAMED

CMRB Admin will utilize the recording function on GoToMeeting as a backup recording in case internet connection is lost and CMRB's YouTube account is unable to record the meeting. When the recording function in enabled, you will hear an audio prompt notifying that the meeting is being recorded.

The purpose of this meeting is to convene, discuss and make decisions regarding recommendations to the Calgary Metropolitan Region Board

1. Call to Order & Opening Remarks — Clark

2. Land Acknowledgment — Clark

3. Adoption of Agenda — All
   For Decision: *Motion to adopt and/or revise the agenda*

4. Review and Approve Minutes   (Attachment)   All   **3**
   For Decision: *Motion that the Committee review and approve the Minutes of the June 8, 2023 meeting*

5. Completion of Digitization of Existing & Approved Land Use (DEAL) Version 2   (Attachment)   Leclair   **5**
   For Decision: *Motion that the Committee recommend to the Board approval of DEAL (Version 2) dataset*

6. GoA South Saskatchewan Regional Plan Update   (Attachment)   Graves   **8**
   For Information: *Motion that the Committee receive for information details on the South Saskatchewan Regional Plan Update, anticipated in 2024*

7. Run With It Speaker Series   (Attachment)   Tipman   **9**
   For Discussion: *Motion that the Committee direct CMRB Administration to organize a Speakers Series event*

8. Board Strategic Initiatives Update   (Attachment)   Graves   **11**
   For Information: *Motion that the Committee receive for information an update on Board initiatives*

9. Roundtable — All

10. Next Meeting: Thursday September 21, 2023 @ 9:30 AM

11. Adjournment — Clark

Committee Members:

Councillor Tina Petrow (Airdrie)   Mayor Craig Snodgrass (High River)
Cllr Gian-Carlo Carra (Calgary)   Cllr Rachel Swendseid (Okotoks) **Vice Chair**
Mayor Jeff Colvin (Chestermere)   Cllr Kevin Hanson (Rocky View)
Mayor Jeff Genung (Cochrane)   Shawn Ewasiuk, GOA Representative
Reeve Delilah Miller (Foothills)
Cllr Suzanne Oel (Foothills)

Upcoming Meetings:

Board Meeting	Friday July 21@ 9:30 AM	GoTo Meeting
Land Use & Servicing Committee	Thursday September 21 @ 9:30 AM	GoTo Meeting
Governance Committee	Friday Sept 15, 2023 @ 9:00 AM	GoTo Meeting

The Calgary Metropolitan Region is honored to be in the traditional territory of the Siksika, Kainai, and Piikani Nations of the Blackfoot Confederacy; the Tsuut'ina Nation; the Bearspaw, Chiniki, and Goodstoney Nations of the Stoney Nakoda; and the home of Métis Nation of Alberta Region 3.

In the spirit of truth and reconciliation the CMRB is actively working to build meaningful and mutually beneficial long-term relationships with Indigenous Nations and communities in and around the Region.

![Calgary Metropolitan Region Board logo]

Minutes of the Meeting of the
Land Use and Servicing Committee
of the Calgary Metropolitan Region Board
on Thursday June 8, 2023 by Go-To Meeting

Delegates in Attendance:
Councillor Tina Petrow – City of Airdrie
Councillor Raj Dhaliwal – City of Calgary
Mayor Jeff Genung – Town of Cochrane
Mayor Jeff Colvin – City of Chestermere
Reeve Delilah Miller – Foothills County
Mayor Craig Snodgrass – Town of High River
Councillor Rachel Swendseid – Town of Okotoks (Vice Chair)
Councillor Kevin Hanson – Rocky View County

CMRB Administration:
Greg Clark, Chair
Jordon Copping, Chief Officer
Jaime Graves, Director of Regional Projects
JP Leclair, GIS and Data Lead

1. **Call to Order**
   Chair Clark called the meeting to order at 9:30 AM and provided a land acknowledgement.

2. **Approval of Agenda**
   Moved by Mayor Snodgrass, **Seconded by** Councillor Petrow, accepted by Chair.
   Motion: That the Committee approve the agenda.
   Motion carried unanimously.

3. **Review Minutes**
   Moved by Councillor Swendseid, **Seconded by** Mayor Snodgrass, accepted by Chair.
   Motion: That the Committee approve the Minutes of the March 9, 2023, meeting.
   Motion carried unanimously.

4. **ESA Presentation**
   Leif Olson from O2 Planning + Design provided a project update, overview and next steps of the ESA project.
   Moved by Councillor Hanson, **Seconded by** Councillor Petrow, accepted by Chair.
   Motion: That the Committee receive for information an update on Environmentally Sensitive Areas Database Project – Phase 1.
   Motion carried unanimously.

5. **Draft Measuring & Monitoring Framework**
   Moved by Councillor Swendseid, **Seconded by** Mayor Genung, accepted by Chair.
   Motion: That the Committee discuss the draft Measuring and Monitoring Framework and provide feedback to CMRB Administration.
   Motion carried unanimously.

6. **Scoping RTTMP Objectives**
   Moved by Councillor Hanson, **Seconded by** Mayor Colvin, accepted by Chair.
   Motion: That the Committee recommend to the Board approval of the draft objectives of the Regional Transportation and Transit Master Plan, and direct CMRB Administration to work with subject matter experts and TAG to develop a corresponding scope of work for the Regional Transportation and Transit Master Plan
   Motion carried.

7. **Board Strategic Initiatives Update**
   Moved by Councillor Swendseid, **Seconded by** Councillor Dhaliwal, accepted by Chair.
   Motion: That the Committee receive for information an update on Board initiatives.
   Motion carried unanimously.

8. **Roundtable**
   - A member asked if there was an interest in advocating to the federal government to reopen funding opportunities for para-transit services. Jordon Copping noted that direction on matters of advocacy is a Board decision.
   - It was also noted that three Alberta ranches in the Calgary Region were honoured recently at the Global Production Awards in Cannes France for their film locations: The John Scott Ranch, The CL Ranch and Albertina Farms.

9. **Next Meeting:** Thursday July 6 @ 9:30 AM.

10. **Adjourned** @ 12:10 PM.

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Chair Greg Clark

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Agenda Item	5
Submitted to	**Land Use & Servicing Committee**
Purpose	**For Decision**
Subject	**Completion of Digitization of Existing and Approved Land use (DEAL) Version 2**
Meeting Date	**July 6, 2023**

Motion that the Committee recommend to the Board approval of the DEAL (version 2) dataset.

Summary

- The Digitization of Existing and Approved Land use (DEAL) dataset is member municipalities' individual land use maps "stitched" together across the CMR with the land use districts put into broader regional categories, and the addition of approved statutory plans in place (e.g. ASPs) categorized into planned regional categories.

- The original DEAL dataset was created to provide information about planned and existing land uses for the development of the Growth Plan.

- The first DEAL dataset was delivered to CMRB in December 2019, and is based on data from 2018. The DEAL v2 update includes 2022 available data, making the dataset more current.

- The Data Sharing Framework was approved by the Board on November 20th, 2020. The Framework provides a guide for the sharing of data generated by a study, process, report, or similar that is produced by or for the Calgary Metropolitan Region Board (CMRB) as part of its work. The framework can be found on page 101 of the agenda package here.

- One June 9th, 2022, the Board approved that the Output Data for the DEAL (version 2) dataset be classified as Open Data. CMRB Administration was directed to report back to LUSC and Board before the DEAL (version 2) is released as Open Data.

- All municipal administrations have had the opportunity to review, provide comment, or changes to the DEAL (version 2) dataset in their respective jurisdiction.

- The DEAL (version 1 or 2) dataset does not include any assumptions or conclusions about available or unavailable land.

- Should the Board approve the DEAL (version 2) dataset, it will be posted to the CMRB open data portal.

1. Introduction

The Digitization of Existing and Approved Land use (DEAL) dataset was created to provide land use information for the development of the Growth Plan. It was a key dataset for starting and developing the Growth Plan. The DEAL (version 1) dataset provides a map of existing and approved (planned) land use from CMRB municipalities' land use bylaws and approved Area Structure Plans and consolidates those categories into broader regional categories.

CMRB Administration has updated this dataset with more current information as the original DEAL dataset used 2018 information, this will be known as DEAL (version 2). Having a regional land use dataset may aid in developing the Placetype database for the Region as per the Implementation section of the Growth Plan. The DEAL dataset will provide useful information for various future studies commissioned by the CMRB. Most regional boards have some type of land use map for their region for this reason.

2. Timeline and Consultation

February 3, 2022: The Land Use & Servicing Committee recommended to the Board that the Output Data for the latest DEAL (version 2) dataset be classified as Open Data. CMRB Administration assured members there would be opportunities for municipal administrations to check and correct data. A request was made to update the Board once the data is complete.

June 9, 2022: The Board directed CMRB Administration to classify DEAL (Version 2) as Open Data.

December 12, 2022 – January 20, 2023: Municipalities were given an opportunity to review the latest dataset and provide comments per their municipality.

- Level 1 review: CMRB Administration conversion of Land Use Bylaw to regional land use categories.

February 10, 2023: Land Use TAG agreed with CMRB Administration recommendation after general comments from January 20 comments were received.

- Recommended:

    a. Classify all school sites as Parks and Open Space. The locations where schools are existing/built can be created as different dataset if needed.
    b. Eliminate the DEAL v2 regional categories of Provincial Parks, Provincial Protected, and National Historic Sites and classify as Parks and Open Space; the locations of these parks can be found in information from the Province and created as a different dataset if needed.

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c. Keep the Golf Course category and base these lands off the first iteration of DEAL (DEAL version 1).

May 29, 2023 – June 19, 2023: Municipalities were given an opportunity to review the latest dataset and provide comments per their municipality.

- Level 2 review: (a) Changes suggested by each individual municipality in prior review. (b) Changes suggested by LU TAG. (c) Addition of 'Planned Land' layer with regional land use categories; layer derived from municipal ASP data from DEAL (version 1) and IREF and REF submissions.

3. Project Complete

Feedback from municipalities have been incorporated; back-and-forth discussions have occurred to incorporate changes or address concerns. Should the Committee and Board approve the dataset, the project will be complete.

The Output Data of the DEAL (version 2) dataset is a data map that covers the CMR and classifies land use into regional categories for both existing and planned land use. As Open Data, the DEAL (version 2) dataset only includes the regional land use categories, not land use bylaws per parcel. If a user would like land use information, they would obtain that from the municipality. The Open Data DEAL (version 2), once approved by the Board, will be available to anyone in GIS data or map form. It does not contain any personal information and falls under the CMRB Open Data Licence, available [here](#).

The following disclaimer will accompany the dataset, once approved: "This dataset is intended to be used on a regional scale and provides a general overview of land use. Errors or inaccuracies may have been introduced in the process of grouping many municipal land use districts into a limited number of regional land use categories. Because of the inherent differences in Land Use Bylaws among municipalities, there are still differences in how municipal land use districts are translated into regional land use categories. For landowners, please refer to your municipal Land Use Bylaw as this data is for reference purposes only. The CMRB provides no warranty, nor accepts any liability arising from any errors, incorrect, incomplete, or misleading information."

4. Recommendation

That the Committee recommend to the Board approval of the DEAL (version 2) dataset.

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Agenda Item	6
Submitted to	**Land Use & Servicing Committee**
Purpose	**For Information**
Subject	**GoA South Saskatchewan Regional Plan (SSRP) Update**
Meeting Date	**July 6, 2023**

That the Committee receive for information details on the South Saskatchewan Regional Plan Update, anticipated in 2024

Summary

- The Land Use Secretariat leads the process for the development of regional plans for government. Alberta Environment and Protected Areas contributes to regional plan development and implementation with content related to environmental and resource management outcomes for air, land, water and biodiversity.

- In July 2014 the Government of Alberta approved the South Saskatchewan Regional Plan (SSRP), which was subsequently amended in May 2018 to incorporate newly established parks and sub-regional plans.

- As per requirements under the *Alberta Land Stewardship Act*, the SSRP 10-year review will need to be initiated before September 2024.

- At the March 9, 2023 Land Use and Servicing Committee meeting, a Committee member directed CMRB Administration to investigate how to ensure member municipalities are identified by the province as stakeholders in the South Saskatchewan Regional Plan 10 year update, anticipated in 2024.

- CMRB Administration received information from the GoA's Land and Environmental Planning South office of Alberta Environment & Protected Areas regarding the South Saskatchewan Regional Plan (SSRP) Update, anticipated in 2024. All municipalities in the province's SSRP region are identified as key stakeholders for the Land Use Secretariat (who oversees the regional planning process) to engage with when the SSRP is opened for the 10 year review.

- CMRB Administration has shared member municipality CAO contacts with the Land Use Secretariat.

Attachments

- None

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Agenda Item	7
Submitted to	**Land Use & Servicing Committee**
Purpose	**For Discussion**
Subject	**Speakers Series**
Meeting Date	**July 6, 2023**

That the Committee direct CMRB Administration to organize a Speakers Series event.

Summary

- CMRB Administration has coordinated Speakers Series events to support member education on topics of interest related to regional planning.

- To date, CMRB Administration has coordinated presentations in the areas of regional water planning and management, transfer of development credits, regional planning and growth management, climate change impacts, and land development and housing in the Calgary region.

- At its June 8 meeting, the Land Use and Servicing Committee (LUSC) identified an interest in having a presentation about creating a "digital twin" of the CMR.

- The Edmonton Metro Region, in partnership with others, has used a digital twin to evaluate the benefits of its existing 2017 growth plan in preparation for a growth plan update.

- Key questions that could be addressed in the Speakers Series presentation(s) include:
  o What is a "digital twin" and what is it used for in terms of regional planning?
  o Which other regions are using this technology and what benefits did it have?
  o Are there other areas beyond regional planning where municipalities, corporations, or provincial entities benefit from access to a "digital twin"?
  o How does the technology work, is it accurate, and what are its limitations?

- CMRB Administration requests feedback on the proposed Speakers Series event, including feedback on the list of questions.

Attachments

- None

1. Introduction

At the June 8, 2023, meeting of the Land Use and Servicing Committee (LUSC), the LUSC discussed a draft measuring and monitoring framework. The purpose of the

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framework is to support measuring and monitoring the outcomes of the Growth and Servicing Plan, including key performance indicators. Please refer to agenda item 6, "[Draft Measuring & Monitoring Framework](#)" on page 29 of the LUSC agenda package for more information on the framework.

During the discussion, CMRB requested feedback on creating a "digital twin" of the CMR for the purposes of asking the model questions about how effective the Growth Plan policies have been. The Edmonton Metro Region (EMRB), in partnership with Edmonton Global and other organizations, has already participated in the building of a digital twin for the Edmonton region. EMRB has used the digital twin to ask questions about the effectiveness of its 2017 growth plan as it begins the process of updating its plan. CMRB Administration and the Land Use Technical Advisory Group have met with the EMRB to discuss their experience.

2. Speakers Series Questions

The Speakers Series events have been used to bring forward discussions about topics of interest related to regional planning. To support the LUSC's request, CMRB Administration is proposing to organize a Speakers Series presentation about the use of digital twins in regional planning and how other regions are using this kind of technology.

In response to LUSC discussion, key questions to be addressed in the Speakers Series could include:
- o What is a "digital twin" or "synthetic environment" and how are they used in regional planning?
- o Which other regions are using this technology and what benefits did it have?
- o Are there other areas beyond regional planning where municipalities, corporations, or provincial entities benefit from access to a "digital twin"?
- o How does the technology work, is it accurate, and what are its limitations?

KEY QUESTION: Are there other details regarding the application of a "digital twin" the Committee wishes the Speakers Series to address?

3. Proposed Presenter - RUNWITHIT Synthetics

The Edmonton Metro Region (EMRB), in partnership with Edmonton Global and other organizations, engaged RUNWITHIT Synthetics (RWI) to build a digital twin of the region. RWI is an Alberta-based, women-led, Certified Aboriginal Business. Their modelling process uses "synthetic data" to fill the gap where data may be missing or not capturable either due to privacy concerns or other factors, completing key datasets. The process recreates cities in digital environments, known as "digital twins" or "synthetic environments," which can be used to create different future-looking scenarios. These scenarios can be used to calculate the impacts and outcomes for decision-making by asking "what if" questions.

If supported by LUSC, CMRB Administration will investigate other presenters who may also speak to the use of digital twins for regional planning purposes.

4. Recommendation

That the Committee direct CMRB Administration to organize a Speakers Series event.

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Agenda Item	8
Submitted to	Land Use and Servicing Committee
Purpose	For Information
Subject	Board Initiatives Progress Update
Meeting Date	July 6, 2023

That the Committee receive for information a progress update on Board initiatives

Summary

- In early 2022 CMRB Administration developed a draft 5-year planning timeline to visualize the recommendation to focus on implementing the Growth and Servicing Plans in the near term.
- Following the Minister's approval of the Growth Plan and Regional Evaluation Framework (REF) and the filing of the Servicing Plan by the Minister, CMRB began implementation of REF and the Growth and Servicing Plans.
- In 2023, the CMRB confirmed five strategic initiatives. They are:
  - o Phase 2 of Indigenous Relations
  - o Regional Economic Development
  - o Environmentally Sensitive Areas Database
  - o Scoping the Regional Transportation and Transit Master Plan; and
  - o Scoping the Water Roadmap Update
- The purpose of this agenda item is to update the Board on the progress on these five initiatives and other pertinent projects.

Attachments
- Table 1: 2022/23 Board Initiative Update

Table 1: 2022/2023 Board Initiatives Update

CMRB Initiative	Phase(s)	Status
1. Indigenous Relations	Dialogue	Potential interest from Bearspaw First Nation for their Chief to come to a future board meeting and share information about the Nation and its interests.
	Learning	Next opportunity for learning to be identified
	Co-create	Additions to Reserve (ATR) Framework - Draft is currently out for feedback to member municipalities and contributing First Nations' leadership (Siksika and Bearspaw First Nation). Anticipate having a draft ATR framework to the Board in Q3 2023.
	Celebrate	Project charter for Stories of the Land pilot project approved by the Board in June 2023. See Initiative 1 a) below.
	Summary Report	Not Applicable
	Overall project status	
1 a) Stories of the Land pilot project	Stage 1	Outreach to cultural groups ongoing.
	Stage 2	Not Applicable

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Table 1: 2022/2023 Board Initiatives Update

CMRB Initiative	Phase(s)	Status
2. Regional Economic Development	Procurement	MNP LLP is consultant team.
	Environmental Scan	Interviews with municipal and external stakeholders are complete. Summary document circulated.
	Gap Analysis	Summary document circulated.
	Vision & Framework	Workshops with Board and summary report complete. Board approved Purpose Statement and Objectives on June 23, 2023.
	Communications	Ongoing.
	Overall project status	
3. Scoping Regional Transportation and Transit Master Plan	Procure SMEs	Aziz Merali and David Cooper retained as subject matter experts (SMEs).
	Environmental Scan	Presentation of juristictional scan presented to LUSC March 9, 2023. First engagement with municipalities complete. Meetings with Working Group complete.
	Objectives and Scoping	Workshop completed May 11, 2023. TAG met and provided feedback on draft objectives. LUSC recommended draft objectives for approval June 2023. June 23, 2023, Board approved objectives.
	Finalize Scope, Sched and approx. budget	Ongoing. TAG meetings scheduled.
	Overall project status	

Table 1: 2022/2023 Board Initiatives Update

CMRB Initiative	Phase(s)	Status
4. Scoping Water Roadmap Update	Procure SME	Arup retained for the project
	Environmental Scan and Governance Mapping	Ongoing with support from Water TAG.
	Confirm Areas of Focus	Arup draft findings discussion with TAG in July.
	Gap Analysis - Role	Arup draft findings discussion with TAG in July.
	Finalize Roadmap Update	Not Applicable
	Overall project status	
5. Environmentally Sensitive Areas Database	Procurement	Complete. O2 Planning and Design were the successful proponent.
	Available Datasets	Municipal Administrations and external organizations have provided data to the consultant. Phase I project summary delivered at June 8 2023 LUSC meeting.
	Data Gap Analysis	O2 is completing a gap analysis and will report back.
	Database Framewor	Not Applicable
	Database	Not Applicable
	Reporting	Not Applicable
	Overall project status	

Table 1: 2022/2023 Board Initiatives Update

CMRB Initiative	Phase(s)	Status
6. DEAL v2 dataset	GIS update (internal to CMRB)	Complete.
	Municipal Feedback	Feedback received. Updates Complete.
	Level 2 Data (approved, planned land use)	Feedback received. Updates Complete.
	Finalization	Ongoing. DEAL v2 is the subject of an agenda item of this meeting.
	Overall project status	