

Calgary Metropolitan Region Board  
**Agenda - Land Use & Servicing Committee Meeting**  
 April 7, 2022, 9:00 AM, Go-To Meeting/Call-In

**\*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 is 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. Adoption of Agenda   |                              | All                |           |
| <b><i>For Decision: Motion to adopt and/or revise the agenda</i></b>  |                              |                    |           |
| 3. Review and Approve Minutes   | (Attachment)                 | All                | <b>3</b>  |
| <b><i>For Decision: Motion that the Committee review and approve the Minutes of the February 3, 2022 meeting</i></b>  |                              |                    |           |
| 4. Vice Chair Election  | (Attachment)                 | Copping            | <b>8</b>  |
| <b><i>For Decision: Motion that the Committee elect Councillor Kevin Hanson as Vice Chair of the Land Use &amp; Servicing Committee</i></b>   |                              |                    |           |
| 5. Update on Priority Regional Road Network Projects  | (Attachment)                 | Graves             | <b>11</b> |
| <b><i>For Information: Motion that the Committee receive for information a status update on the priority regional road network improvement projects list from the May 2020 Integration Memo of the North Calgary Regional Transportation Study and the South and East Calgary Regional Transportation Study</i></b> |                              |                    |           |
| <b><u>CLOSED SESSION</u></b> (Pursuant to Section 21 of FOIP)   |                              |                    |           |
| 6. Minister's Proposed Growth Plan Amendments   | <b>(separate attachment)</b> | Copping/<br>Tipman |           |
| <b><i>For Information: Motion that the Committee receive for information an update on proposed changes by the Minister of Municipal Affairs to the Growth Plan</i></b>  |                              |                    |           |
| 7. Next Meeting: Thursday May 5, 2022 @ 9:00 AM   |                              |                    |           |
| 8. Adjournment  |                              | Clark              |           |

Committee Members:

Mayor Peter Brown (Airdrie)  
 Cllr Gian-Carlo Carra (Calgary)  
 Mayor Jeff Colvin (Chestermere)  
 Mayor Jeff Genung (Cochrane)  
 Reeve Delilah Miller (Foothills)  
 Cllr Suzanne Oel (Foothills)

Mayor Craig Snodgrass (High River)  
 Cllr Rachel Swenseid (Okotoks)  
 Cllr Kevin Hanson (Rocky View) **Vice Chair**

Shawn Ewasiuk, GOA Representative

Upcoming Meetings:

BOARD MEETING	Friday April 29 @ 9:30	Mount Royal University
LAND USE & SERVICING COMMITTEE	Thursday May 5 @ 9:00 AM	GoTo Meeting
GOVERNANCE COMMITTEE	Friday May 13 @ 9:00 AM	GoTo Meeting

Minutes of the Meeting of the  
Land Use and Servicing Committee  
of the Calgary Metropolitan Region Board  
on Thursday February 3, 2022 by Go-To Meeting

**Delegates in Attendance:**

Mayor Peter Brown – City of Airdrie  
Councillor Raj Dhaliwal – City of Calgary  
Mayor Jeff Colvin – City of Chestermere  
Mayor Jeff Genung – Town of Cochrane  
Reeve Delilah Miller – Foothills County  
Councillor Suzanne Oel – Foothills County  
Mayor Craig Snodgrass – Town of High River  
Councillor Rachel Swendseid – Town of Okotoks  
Councillor Kevin Hanson – Rocky View County  
Councillor Jason Montgomery – Town of Strathmore  
Reeve Amber Link – Wheatland County

**CMRB Administration:**

Jordon Copping, Chief Officer  
Liisa Tipman, Project Manager–Land Use  
Jaime Graves, Project Manager-Intermunicipal Servicing  
JP Leclair, GIS Analyst  
Shelley Armeneau, Office Manager

**1. Call to Order**

In Chair Clark's absence, Vice Chair of the CMRB Board Mayor Jeff Genung called the meeting to order at 9:00 AM. Introductions of Committee members and staff were made.

**2. Approval of Agenda**

**Moved by** Reeve Link, **Seconded by** Mayor Brown, accepted by Chair.

**Motion:** That the Committee approve the agenda.

**Motion carried unanimously.**

**3. Review Minutes**

**Moved by** Councillor Hanson, **Seconded by** Mayor Brown, accepted by Chair.

**Motion:** That the Committee approve the Minutes of the April 15, 2021 meeting.

**Motion carried unanimously.**

**4. Alberta Environment Bow River Phosphorus Management Presentation**

Rob Wolfe, Integrated Land Management & Coordination Specialist for Alberta Environment and Parks provided the Committee with a presentation and answered questions. In response to questions Rob commented on the following:

- Realized impact of stormwater runoff volume control to help manage phosphorous: By controlling the stormwater quantity and quality the system will clean up the water and allow it to be released at a slower rate and assimilate into the river at non peak flows. There has been significant improvement in stormwater technology over the years, and there are some examples in the study area on different storm water systems that could be used. In regard to runoff volume targets, goal is to have the same runoff volume after development as before development.
- Phosphorus Management Plan Implementation Committee is in the process of creating a "lessons learned" document, which may consider expanding out the mandate to include other elements of concern. The study area may also be up for negotiation. Examples could include: chloride, nitrate, sulfate, total dissolved solids.
- In response to a question about financial support mechanisms available for Nose Creek or other phosphorous compromised communities, Rob suggested contacting Alberta Agriculture and Forestry.
- Rob invited members with additional questions to contact him by email.

**Moved by** Councillor Hanson, **Seconded by** Councillor Swendseid, accepted by Chair.

**Motion:** That the Committee receive for information a presentation regarding the Bow River Phosphorus Management Plan.

**Motion carried unanimously.**

## 5. Alberta Environment Bow River Reservoir Options Initiative

Denise Auriat, Senior Manager, Community Resilience, Watershed Resilience and Transboundary Water Sections, Environment and Parks; and Dr. Catherine Fear, Senior Associate Geotechnical Engineer with Wood Environment and Infrastructure Solutions provided a presentation to the Committee.

The Bow River Reservoir Options (BRRO) initiative is currently in Phase 2, the feasibility study, and is evaluating three reservoir options on the Bow River upstream of Calgary, as identified in Phase 1, the conceptual assessment. The three options are the Morley, Relocated Ghost Dam, and Glenbow East options.

Questions from the Committee were addressed as follows:

- Stakeholder engagement started in Phase 1 and is continuing in Phase 2. Have almost completed round one of engagement for Phase 2, with two more rounds planned for Phase 2.
- A triple bottom line analysis will be conducted looking at environmental, social, economic and cost factors for each option.
- Municipal and provincial activities can be undertaken to assist with flood mitigation in a layered approach.

- The Phase 2 feasibility study will look at what each option can achieve in different scenarios which will help inform which one option, if any, is in the best interest of Albertans.
- If a preferred option is selected and advanced to Phase 3, the engineering and regulatory approval phase, an in-depth environmental impact assessment will be done for the selected option.
- Each option varies in terms of the reservoir storage volume that can be provided; however, the more downstream an option is, the more effective a given volume is at flood mitigation. Preliminary modelling has been done in Phase 1, with more to come in Phase 2. Total reservoir storage volume is not the only factor to consider. The location in the river basin also determines how effective an option could be for flood mitigation, combined with the storage volume it could provide.
- For the Relocated Ghost Dam option, a new dam would be built downstream of the existing Ghost Dam, which would be decommissioned. For the Glenbow East option, the current concept is to leave the existing Bearspaw Dam in place; however, the specific Glenbow East dam site, located within the existing Bearspaw Reservoir, has not yet been confirmed.
- The findings of the Phase 1 conceptual assessment can be found at the link below. There is a summary report and several major appendices which can all be downloaded. An armchair drone video tour is also available on the website as part of an interactive tool.

[Bow River reservoir options, Phase 1 : conceptual assessment, main report - Open Government \(alberta.ca\)](#)

**Moved by** Mayor Brown, **Seconded by** Councillor Hanson, accepted by Chair.

**Motion:** That the Committee receive for information a presentation regarding the Bow River Reservoir Options Feasibility Study.

**Motion carried unanimously.**

## 6. Committee Terms of Reference

Jamie Graves reviewed the Terms of Reference.

**Moved by** Mayor Brown, **Seconded by** Councillor Hanson, accepted by Chair.

**Motion:** That the Committee receive for information the Board approved Land Use and Servicing Committee Terms of Reference.

**Motion carried unanimously.**

## 7. Vice Chair Selection Process

Jordon Copping reviewed the Vice Chair Selection process. Mayor Genung nominated Councillor Hanson as Vice Chair of the Land Use and Servicing Committee and Mayor Brown seconded the nomination. Members have the

opportunity to nominate by email to the Chief Officer before February 22. A vote will take place at the March 3 meeting, if necessary.

**Moved by** Mayor Brown, **Seconded by** Mayor Genung, accepted by Chair.

**Motion:** That the Committee receive for information the Vice Chair Selection Process Policy.

**Motion carried unanimously.**

## **8. Classifying DEAL Data as Open Data**

CMRB Administration answered questions and clarified that the DEAL data was produced in 2019 (based on 2018 data) and is already open data. This dataset is currently being updated. It was confirmed that this request is the beginning of an update process consistent with the Data Sharing Framework and expectations around creating this kind of information. CMRB Admin assured members there would be opportunities for member admin to check and correct data.

In response to a question about third party input, it was noted that the benefit of open data is it allows other individuals to add information, to do further research, and to grow the knowledge of the Region. The CMRB can benefit from third party research and data, using them in future analysis as appropriate, and creating opportunities for public dialogue on regional matters.

A request was made to update the Board once the data is complete.

**Moved by** Mayor Brown, **Seconded by** Mayor Genung, accepted by Chair.

**Motion:** That the Committee recommend to the Board that the Output Data for the latest DEAL dataset be classified as Open Data.

**Motion carried unanimously.**

## **9. Joint Planning Area Context Studies**

The policies of the Board approved Growth Plan commit municipalities within a Joint Planning Area to adopt a Terms of Reference for a Context Study within one year of the Board's approval of the proposed Growth Plan, or May 21, 2022. In the absence of Ministerial approval to date, a recommendation was made to delay this requirement to 6 months from Ministerial approval. CMRB Admin answered questions and provided clarification on the recommendation.

Committee members discussed potential options and the wording of the motion in the agenda package and suggested that the Board is not required to approve the Joint Planning Area Context Study Terms of Reference. CMRB Admin had no concerns about removing the words "to the Board for approval" from the motion and the following motion was made:

**Moved by** Councillor Hanson, **Seconded by** Councillor Dhaliwal, accepted by Chair.

**Motion:** That the Committee recommend to the Board that the Joint Planning Area Context Study TOR committed to in the Growth Plan be due 6 months from the Minister's approval of the Growth Plan.

**Motion carried unanimously.**

**10. Placetype Monitoring and Implementation**

This item was tabled to the next meeting.

**11. Next Meeting:** Thursday March 3 @ 9:00 AM.

**12. Adjourned** @ 12:05 PM.

---

**Acting Vice Chair, Mayor Jeff Genung**

<b>Agenda Item</b>	<b>4</b>
<b>Submitted to</b>	<b>Land Use &amp; Servicing Committee</b>
<b>Purpose</b>	<b>For Decision</b>
<b>Subject</b>	<b>Vice Chair Election</b>
<b>Meeting Date</b>	<b>April 7, 2022</b>
<i>Motion that the Committee elect Councillor Kevin Hanson as Vice Chair of the Land Use &amp; Servicing Committee</i>	
<p>Background</p> <ul style="list-style-type: none"> <li>• The Land Use &amp; Servicing Committee must elect a Vice Chair.</li> <li>• The Board and Committee Vice Chair Selection Process Policy was approved by the Board on February 15, 2019.</li> <li>• At the February 3, 2022, Committee meeting a brief was provided setting out the approved Vice Chair Selection Process Policy, including a description of the eligibility, term, role, nomination and voting process. This item was received for information with the understanding that an election would take place at the next meeting.</li> <li>• Councillor Kevin Hanson was nominated for Vice Chair from the floor at the February 3, 2022, meeting and he accepted the nomination.</li> <li>• CMRB Administration was open to receive email nominations from Board members until February 22, 2022. There were no email nominations received by the Chief Officer.</li> </ul>	
Attachment: Board and Committee Vice Chair Selection Process Policy.	

## 1. Introduction

The Committee is required to elect a Vice Chair. Approval of the Board and Committee Vice Chair Selection Process Policy was approved at the February 15, 2019 Board meeting. This item was brought forward for discussion at the Committee meeting on February 3, 2022, where Councillor Kevin Hanson was nominated and subsequently accepted the nomination. A reminder email was circulated to members inviting any additional eligible members to volunteer for the position or nominate another eligible individual for the role by February 22, 2022. No further nominations were received.



## 2. Recommendation

That the Committee elect Councillor Kevin Hanson as Vice Chair of the Land Use and Servicing Committee.

### Approved Policy

#### Board and Committee Vice Chair Selection Process Policy

##### **Policy Purpose**

To create a mechanism by which the Board and Committees of the Board can select a Vice Chair of the Board and of Committees of the Board.

##### **Scope**

This policy applies to the Board and all Committees of the Board.

##### **Policy**

##### Eligibility

Members in good standing of the Board or Committee are eligible to seek a Vice Chair position. Only a Mayor or Reeve is eligible to be a Vice Chair of the Board. Any member of a Committee, but not an alternate, is eligible to be Vice Chair.

##### Term

Vice Chair terms shall not exceed one year from the date of their selection, either through acclamation or winning a vote. There is no limit on how many terms a Vice Chair may serve.

##### Role

Vice Chairs will be required to participate in briefings given by CMRB Administration in advance of meetings and may be required to assume Chair duties at Board or Committee meetings. Vice Chairs are eligible to participate fully in any vote of the Board or Committee.

##### Nomination

Eligible members may volunteer for the Vice Chair role or be nominated for the role by another member of the Board or Committee. If a member is nominated by another member of the Board or Committee the nominated member must confirm they are able and interested to seek the position.

If more than one eligible member of the Board or Committee is nominated for the role of Vice Chair then the Chief Officer will conduct a selection process by secret ballot.

##### Voting

Members in good standing of the Board or Committee or their alternate are eligible to vote.

Each municipality is only eligible to cast one ballot and there is no weighting to the ballots, one member one vote. The selection of a Vice Chair requires the support of a simple majority of the Board or Committee.

In the event that no candidate achieves a majority on the first ballot, there will be a second round of voting with only the candidates who received the two highest number of votes in the first round on the ballot.

In the event of a tie after the second ballot, the names of both candidates will be written on a slip of paper and placed in a hat. The Chief Officer will draw one name and that candidate will become the Vice Chair.

<b>Agenda Item</b>	<b>5</b>
<b>Submitted to</b>	<b>Land Use and Servicing Committee</b>
<b>Purpose</b>	<b>For Information</b>
<b>Subject</b>	<b>Update on Priority Regional Road Network Projects</b>
<b>Meeting Date</b>	<b>April 7, 2022</b>

*Motion that the Committee receive for information a status update on the priority regional road network improvement projects list from the May 2020 Integration Memo of the North Calgary Regional Transportation Study and the South and East Calgary Regional Transportation Study*

#### **Summary**

- The North Calgary Regional Transportation Study (NCRTS) and the South and East Calgary Regional Transportation Study (S&ECRTS) were developed to identify and prioritize regional road network improvement projects for the 10 and 20 year horizons that would be used to communicate regional road network needs to the province. The studies considered 2017 planned growth (approved ASPs) and growth conditions at the time.
- The North Calgary Regional Transportation Study (NCRTS) resulted from the request by the province to determine a regional set of road network improvement priorities in 2017. At the time, there was no CMRB and consequently, five municipalities came together to respond to the province's request. Those five municipalities were Airdrie, Calgary, Chestermere, Cochrane and Rocky View County.
- The NCRTS began in 2018 and the project results and report was adopted by the Board in September 2019. The report was also presented to Alberta Transportation Deputy Minister, Director and Executive Director in July of 2019 in order to fulfill the initial request from the province. The NCRTS committee was praised by the province for their collaboration and commitment in determining the priority of transportation infrastructure upgrades that would benefit the Calgary regional road network.
- In September 2018 CMRB administration was authorized by ISC to develop a RFP, with support from the Transportation Technical Advisory Group, for a transportation study covering the remaining geographical portions of the Calgary Metropolitan Region (CMR). The study is referred to as the South and East Calgary Regional Transportation Study (S&ECRTS).
- Following adoption of the NCRTS in September 2019, the Board directed CMRB Administration to develop and submit an integrated list of transportation

projects and priorities, across the CMR, for the 10 and 20 year horizons that would be used to communicate regional road network needs to the province.

- The S&ECRTS began in January 2019 and was approved by the Board in May 2020. The study process through those years relied heavily on the commitment of, and participation by, member municipality administrations. The report was reviewed in advance of Board approval by administrations from participating member municipalities and Alberta Transportation.
- An integration memo was created in order to bring the priority ranking used in the two studies (NCRTS and S&ECRTS) together. The results are shown in Table 4.2 of the memo, "Highest Priority Regional Corridor and Interchange / Intersection Projects (2028 Horizon)". The integration memo was shared with the Minister of Transportation and senior leadership at Alberta Transportation. The priority projects list was shared in advance of the funding program review process, typically completed in September of each year.
- Throughout 2020 and 2021, the development of the Growth Plan was the Board's main focus. The Board-approved Growth Plan (May 21, 2021) identifies preferred growth areas for the Region, which include Hamlet Growth Areas, Joint Planning Areas and Urban Municipalities.
- Now that the region has its first Growth Plan and associated preferred growth areas, new alternative land uses may be an outcome of the JPA Context Studies, which may influence future travel demand and thus transportation priorities. Regional transportation priorities will need to be re-evaluated over time to reflect the Board's growth priorities as established through the Growth Plan. However, at this time, CMRB Administration is not recommending a re-evaluation of the priorities.
- It may be warranted, however, to remove those projects where construction is complete or very near completion in order to renew the list, and bring project 21 up into the 'Top 20' priority list. The renewed list could be shared with the Minister of Transportation and Senior Leadership.

#### **Attachments**

- [Board-Approved Technical Memo: Integration of NCRTS and S&ECRTS Studies, ISL \(May 2020\)](#)

## **Regional Road Network Improvement Projects in the CMR: Integration of NCRTS and S&ECRTS**

The previously completed NCRTS (adopted by the Board in September 2019) and the subsequently completed S&ECRTS (approved by the Board in May 2020) were developed to identify and prioritize regional road network improvement projects. The studies considered planned growth and existing growth conditions (current to 2018). The Growth Plan proposes Preferred Growth Areas, which may influence future travel demand and thus transportation priorities.

The integration memo (attached link) represents the list of projects scored and compared against the same criteria and ranked according to their respective scores. The integrated list of projects is not meant to be interpreted as a consecutive list. Rather, it is a list of regional road network improvement projects that are required to support the planned growth for the 10 year horizon.

## Status 2022

The corridor/interchange improvement projects must undergo a number of phases of study and preliminary work in advance of construction. These phases generally include functional planning, design and then construction. Each phase of study has unique considerations for the corridor/interchange and so these studies vary in level of effort, timing and cost. The following status categories were assigned to the priority projects:

- a) Functional Planning
- b) Design
- c) Construction

Some corridor/interchange projects are the result of collaborative efforts between multiple stakeholders – often multiple levels of government and sometimes the private sector.

The relative ranking of regional road network improvement projects will provide benefit to the CMR as a whole and should assist with expediting provincial funding commitments. Of note is that each of the projects listed are in varying progress stages; some require land acquisition; some require functional planning, and some have progressed to the design phase. The status of the projects may become a factor for provincial funding review and decision-making. It is understood that a similar collaborative approach continues to be successful in the Edmonton Metropolitan Region, where area municipalities have participated in common regional prioritization efforts for more than a decade.

Additional information regarding the Alberta Transportation (AT) 2022 Provincial Construction Program can be found [here](#). The **AT 2022 Provincial Construction Program is subject to change**. Projects may move on or off the construction program based on emerging needs, changing construction schedules, or available funding.

## Recommendation

That the Committee receive for information a status update on the priority regional road network improvement projects list from the May 2020 Integration Memo of the North Calgary Regional Transportation Study and the South and East Calgary Regional Transportation Study.

Table 1: 2022 Status of May 2020 Integrated List of Priority Projects

Ranking	ID	Project	Score	2022 Status
1	C-78	17 Ave SE (84 St SE to Rainbow Rd) - Widen from 2 to 4 lanes	78.2	Discussion at Calgary and Chestermere IMC. Development driven.
2	C-12	11 St / RR 11 / 8 St (144 Ave NE to 40 Avenue) - Widen from 2 lanes to 4 lanes	75.7	Functional Planning ongoing. Collaboration ongoing.
3	I-17	40 Ave / QEII Interchange	68.2	Construction underway ~Q4 2023 completion.
4	I-11	Hwy 566 / QEII Interchange	65.0	Outside AT 2022 construction program.
5	C-72	Hwy 1A (Hwy 22 to Gleneagles Dr) - Widen from 2 lanes to 4 lanes	64.5	Outside AT 2022 construction program.
6	C-73	Hwy 22 (Hwy 1A to Twp Rd 264) - Widen from 2 lanes to 4 lanes	64.2	Design complete. Outside AT 2022 construction program.
7	C-26	Hwy 566 (Range Rd 15 to QEII) - Widen from 2 lanes to 4 lanes	64.0	Design underway cost shared between AT and Rocky View.
8	I-98	Glenmore Tr SE & Deerfoot Tr - Upgrade Interchange	62.0	Design underway. Part of Deerfoot Improvements Project (AT).
9	I-37	Stoney Tr / 11 St Interchange	61.3	Stage 1 construction underway funded by Calgary. ~Q4 2023 completion.
10	I-35	Crowchild Tr / 12 Mile Coulee Rd Interchange	60.5	Functional planning study scoping between Calgary, RVC and AT.
11/12	I-23	Stoney Tr / Airport Tr Interchange	59.8	AT 2022 construction program funding (portion). Ongoing discussions regarding funding for Rocky View and Calgary portions.
11/12	I-40	Hwy 1A / Hwy 22 Interchange	59.8	AT 2022 construction program funding. Design near complete.
13/14	C-19	QEII (Stoney Tr to Yankee Valley Blvd) - Widen from 6 lanes to 8 lanes	57.3	Outside AT 2022 construction program. Functional study complete.
13/14	C-90	40 Ave (Kingsview Blvd to Range Rd 292) - Construct New 2-lane Arterial	57.3	Portion of corridor construction complete. 2022 Airdrie funding detailed design.
15	C-71	Hwy 22 (Hwy 1 to Hwy 1A) - Widen from 2 lanes to 4 lanes	54.2	Updating functional planning studies. Outside AT 2022 construction program.
16	I-68	338 Ave & Hwy 2 - New Interchange	54.0	Functional Planning ongoing ~Q4 2022.
17	I-107	Glenmore Tr SW & 14 St SW - Upgrade Interchange	52.8	Calgary jurisdiction. Functional planning anticipated but not initiated.

<b>Ranking</b>	<b>ID</b>	<b>Project</b>	<b>Score</b>	<b>2022 Status</b>
18	I-42	210 Ave & Macleod Tr - New Parclo Interchange	52.2	Calgary jurisdiction. No functional planning initiated.
19	C-86	Peigan Tr / Township Rd 240 (84 St SE-Rainbow Rd) - Widen from 2 to 4 lanes	50.8	Calgary jurisdiction. No functional planning initiated.
20	C-89	Memorial Dr (Garden Rd-Conrich Rd) - New 4-lane Arterial	50.5	Calgary jurisdiction. No functional planning initiated. Likely development driven.