



Sturgeon County
Meeting Agenda - Final
Committee of the Whole

9613-100 Street
Morinville, Alberta
T8R 1L9

Tuesday, May 23, 2017

2:00 PM

Council Chambers

A. CALL TO ORDER

B. APPOINTMENTS

- B.1** 2:00 p.m. - Asset Management Policy - Presentation - (60 minutes)

Attachments:

[Briefing Note](#)
[Draft Asset Management Policy](#)
[Asset Management Policy Presentation](#)
[Sturgeon County # ADM-TCA-1: Tangible Capital Assets](#)

Brian Hartman, Manager, Engineering Services

- B.2** Meadowview Drive Functional Planning Study

Attachments:

[Briefing Note](#)
[Presentation](#)
[Request for Decision - May 28, 2013](#)

Brian Hartman, Manager, Engineering Services

C. ADJOURNMENT



Sturgeon County

9613-100 Street
Morinville, Alberta
T8R 1L9

Legislation Text

File #: PRS-013-17, **Version:** 1

2:00 p.m. - Asset Management Policy - Presentation - (60 minutes)

Briefing Note

Title	2:00 p.m. – Asset Management Policy – Presentation (60 minutes)
Issue	To present the draft Asset Management Policy to Council and to obtain feedback and direction.
Previous Council Direction	<p>Motion 395/45 – December 8, 2015: Council approved the 2016 – 2018 Corporate Business Plan (Initiative 1.2.B)</p> <p>Motion 343/16 – October 11, 2016: Council moved to extend the schedule for Initiative 1.2.B to middle of 2017</p> <p>Motion 449/16 – December 13, 2016: Council approved the 2017 – 2019 Corporate Business Plan (Initiative 1.2.B)</p>
Report	<p><u>Background Information</u></p> <ul style="list-style-type: none"> The Infrastructure Asset management initiative has three (3) phases: <ul style="list-style-type: none"> Phase 1 – Policy and Plan Phase 2 – Planning of Implementation Phase 3 – Implementation- Asset Gathering, including but not limited to: <ul style="list-style-type: none"> Develop a State of the Infrastructure Report by completing an inventory and condition assessment of all Sturgeon County infrastructure assets; Develop the desired level of service and determine the risk levels and infrastructure deficit associated with the inventory. Phase 1 was to be delivered by Engineering Services, in consultation with asset owner departments. Phases 2 and 3 will be the responsibility of Municipal Services. The purpose of having an Asset Management Policy and plan is to provide overarching guiding principles and direction to provide for consistent management of Sturgeon County's assets. Phase 1 - Asset Management Policy (Complete) <ul style="list-style-type: none"> Opus Stewart Weir was contracted to draft the Asset Management Policy and Plan (Strategy).

- The draft policy was developed in a series of “Policy Development Workshops” starting very late in 2015, with further input from staff and senior leadership.
- **Phase 1 - Asset Management Strategy (Plan) (Ongoing)**
 - The strategy is based on the results of a high-level Asset Management “Gap Assessment” and collaboration with County staff on AM practices regarding service delivery.
 - The Asset Management Strategy is still under development and will be presented to Council when complete.
- SLT has approved the draft policy and staff are conducting further department stakeholder engagement on the Asset Management Strategy which will be presented at a future Council meeting.
- Upon acceptance, the Asset Management Policy and strategy will guide future strategic planning and budgeting decisions.




External Communication

- Aside from Tri Annual reporting, there has been no external communication during this project. Coordination and engagement with several internal stakeholders was required to achieve the milestones and deliverables. The primary Departments that were engaged were:
 - Senior Leadership Team
 - Engineering
 - Transportation
 - Fleet and Building Maintenance
 - Legislative Services
 - Information Services
 - Economic Development
 - Agriculture Services
 - Community Services
 - Finance
 - Current Planning and Development
 - Emergency Services

Relevant Policy/Legislation/Practices:

- Sturgeon County # ADM-TCA-1: Tangible Capital Assets
- ISO 55000 Asset Management which is the first set of International Standards for Asset Management
- Sturgeon County Corporate Business Plan
- Sturgeon County Strategic Plan
- Municipal Development Plan (MDP)
- 2015 Sturgeon County Business Case for Asset Management

<p>Implication</p>	<p><u>Strategic Alignment:</u></p> <p><u>Strong Local Governance and Regional Leadership</u> Strong local governance is demonstrated by considering fiscal stability and sustainability through effective asset lifecycle management.</p> <p><u>Planned Growth and Prosperity:</u> Through effective Asset Management Condition Assessment reporting, Sturgeon County will be able to consider cumulative costs and long-term funding implications to assist in future budget planning.</p> <p><u>Operational Excellence:</u> Sturgeon County's ability to deliver consistent and defined levels of service to all stakeholders in a cost-effective manner will improve through effective management of infrastructure assets.</p> <p><u>Organizational:</u> The approval of the Asset Management Policy is an important first step in the development of an overall Asset Management Program. The policy will guide the framework for the future development of the Asset Management Program.</p> <p>The implementation of an Asset Management Program will be a coordinated activity in Sturgeon County to provide significant improvement in the operational activities associated with the operation and management of our infrastructure assets. The core benefits include:</p> <ol style="list-style-type: none"> 1. Improved risk management associated with our assets. 2. Improved financial performance of our assets. 3. Informed investment decisions when planning. 4. Compliance with legislated regulation as they apply to certain assets. 5. Improved organizational sustainability over time. 6. Improved Efficiency & Effectiveness at the operational and planning level. 7. Improved services. 8. Potential for increased access to funding. <p><u>Financial:</u> The financial impacts will need to be determined as part of Phase 2 (Implementation). Administration will bring forward recommendations during the 2018 budget process.</p>
<p>Follow Up Action</p>	<ol style="list-style-type: none"> 1. Finalize Asset Management Strategy 2. Implementation of Asset Management Strategy and Plan – 2018

Attachment (s)	<ol style="list-style-type: none">1. Draft Asset Management Policy2. Asset Management Policy Presentation3. Sturgeon County # ADM-TCA-1: Tangible Capital Assets
Report Reviewed by:	<div> Brian Hartman, Manager Engineering Services</div> <div> Stephane Labonne, General Manager, Integrated Growth</div> <div> Peter Tarnawsky, County Commissioner – CAO</div>

Asset Management Policy

Date Approved by Council :

County Commissioner:

1. Purpose

The Asset Management Policy describes the organization's intentions and directions for asset management. It describes the principles and framework to be adopted in applying asset management to achieve the organization's strategic objectives.

2. Revision History

<i>Approval Date</i>	<i>Revision Number</i>	<i>Modification</i>
<i>Year/Month/Date</i>	<i>1.0</i>	<i>New Document</i>

3. Persons/Areas Affected

This policy will affect all Sturgeon County staff, particularly:

- Senior Leadership Team
- Asset Management Committee
- Asset Management Coordinator
- Financial Coordinator
- Business Strategy Coordinator
- GIS Coordinator

4. Policy Statement

Council's mission and goal is to provide quality, cost-effective services and infrastructure to meet the diverse needs of Sturgeon County, while improving competitiveness and sustainability.

This Asset Management Policy describes the organization's intentions, commitment and directions for asset management. Asset management practices implemented in accordance with this policy will provide information for evidence-based decision-making which will drive quality, cost-effective services that can be sustainably delivered to the community.

This policy applies to those areas or business units within the County that manage tangible capital assets or asset systems that deliver services to the citizens of Sturgeon County.

This policy and related asset management procedures and practices integrate with, but do not, replace existing corporate strategic, business planning and budget management systems and processes already in place.

5. Definitions

- *Asset Management (AM)* - Co-ordinated activity of Sturgeon County to realize value from its assets. AM involves the balancing of costs, opportunities and risks against the desired performance of assets, to achieve organizational objectives (balancing may need to be considered over multiple timeframes). AM enables Sturgeon County to examine the need for, and performance of, assets and asset systems at different levels and in conjunction with non-asset solutions. Additionally, it enables the application of analytical approaches towards managing assets over the different stages of their lifecycle.
- *Asset Management Policy (AM Policy)* - The Asset Management Policy describes Sturgeon County's intentions and directions for asset management. It describes the principles and framework adopted in applying asset management to achieve the organization's strategic objectives.
- *Asset Management Strategy (AM Strategy)* - Documented information that specifies: how Sturgeon County's objectives are converted into asset management objectives; the scope and role of the asset management system in supporting achievement of the asset management objectives; and a high-level overview for the approach to be used in developing asset management plans.
- *Asset Management System (AMS)* - Set of interrelated or interacting elements to implement the Asset Management Policy and the processes, tools, and guidance documents to achieve the asset management goals and objectives.
- *Asset Management Plan (AMP)* - A business-level plan developed for the management of infrastructure assets that combines multi-disciplinary management strategies (including technical and financial) over the lifecycle of the asset in the most cost-effective manner to deliver a specified level of service. It specifies the activities, resources and timelines required for individual assets (or asset groups) to achieve the organization's asset management objectives. A significant component of the plan is therefore a long-term program of works and cash flow projections for the activities. Key inputs for the capital renewal section within Asset Management Plans will come from supporting documents such as a Pavement Management, Bridge Management, and Fleet Management Plans. Each plan will vary in complexity depending on the asset group it pertains to.
- *Lifecycle costs* - Lifecycle costs refer to the total cost of ownership over the life of an asset. This may include but is not limited to capital costs, operating, maintenance and renewal costs, replacement costs, environmental costs, and user delay.

6. Responsibilities

The County Commissioner will be responsible for the implementation and compliance of this policy.

The Senior Leadership Team (SLT) will be responsible for:

1. Administering the Asset Management Policy.
2. Establishing an Asset Management Governance structure, and assigning roles and responsibilities.
3. The implementation and continuous improvement of asset management procedures, practices, and systems.
4. Maintaining the necessary corporate capacity (including, but not limited to: resourcing, financial support, staff competencies, business processes, data and integrated information systems) to implement and improve the elements and practices of asset management to support the achievement of Sturgeon County's organizational objectives.

7. Principles

To attain Sturgeon County's goal of asset management, the following principles are to be applied to all elements, documents, procedures, tools, and practices of asset management within the County's asset management system:

- Corporate – take a comprehensive approach that looks at the “big picture” (i.e. the combined implications of managing all aspects rather than a compartmental approach). This includes the functional interdependencies and contributions of assets within asset systems and the different management of assets across all lifecycle phases.
- Systematic – take a methodical approach (i.e. formal, repeatable and consistent) to the management of assets.
- Systemic – make asset investment decisions in an asset system context, not just to optimize the individual asset itself.
- Risk-based – manage asset risk associated with attaining levels of service and focusing resources, expenditures and priorities based on risk and associated cost/benefit.
- Optimal – make asset investment decisions based on trade-offs between the competing factors of service level (including asset performance), risk and cost.
- Sustainable – take a long-term, lifecycle-based approach in estimating asset investment and activities, thus developing effective asset management strategies for the long term.
- Integrated – coordinate the above principles to ensure the delivery of justified services and well-defined outcomes.
- Aligned – ensure that the asset management system complements the strategic objectives of the County, as well as other key business systems, legislation and regulation.

8. Procedures

The implementation and improvement plan for Sturgeon County's asset management practices will incorporate the following procedures;

- Make informed evidence-based decisions, articulate and evaluate tradeoffs, document decision processes, and the basis for the decision outcome.
- Use lifecycle costing, identifying all revenues and costs (including operation, maintenance, replacement, and decommission), including additions and deletions, in the evaluation of options and trade-offs and all asset decision-making.
- Integrate corporate, financial, business, technical and budgetary planning for assets.
- Establish organizational accountability and responsibility for the quality, completeness, and currency of asset data including inventory, condition, use information, and performance.
- Consult with stakeholders where appropriate.
- Define and articulate service, maintenance and replacement levels, options, and outcomes.
- Use available resources effectively and optimize total life cycle costs of assets.
- Manage assets to be sustainable.
- Consider financial, environmental, and social sustainability goals.
- Minimize risks to users and risks associated with unplanned asset failures.
- Pursue best practice in asset management where appropriate and applicable to County needs.
- Report the performance of the County's asset management program and outcomes.

9. Outcomes

Implementation and adherence to this policy is expected to result in:

- Reduced risk of not investing in safe and reliable infrastructure at the most optimal times in an asset's lifecycle, potentially compromising the safety and service delivery provided by the County's infrastructure.
- Reduced risk of sub-optimal planning for growth, maintenance and replacement of existing assets and the development of new assets, potentially compromising the County's ability to provide expected levels of service.
- Reduced risk of conflicting departmental investment priorities, issues with the coordination of delivery of service, corporate inefficiencies, and lack of expenditure optimization.
- Reduced risk of inconsistency of capital plans with the community service needs identified in the asset management plans, increasing the infrastructure deferred work or funding gap, compromising the alignment of infrastructure, financial, and land-use goals, and reducing the ability of the County to achieve a sustainable state of service delivery.

10. Cross Reference

This policy is aligned as applicable to the current versions of:

- ISO55000 Asset Management
- Sturgeon County Corporate Business Plan
- Sturgeon County Strategic Plan
- Sturgeon County # ADM-TCA-1: Tangible Capital Assets
- Municipal Development Plan (MDP)
- 2015 Sturgeon County Business Case for Asset Management



Asset Management Policy

COW – May 23, 2017



Main Presentation Points

1. High level overview of Asset Management – What it means for Sturgeon County?
2. A detailed look at the draft Asset Management Policy
3. Questions

What Is Asset Management (AM)

- Asset management (AM) is a **structured** approach to Long-term management of assets to achieve a **desired** Level of Service.
- Asset Management is a business model. It's not something we do, it's the way we do everything.
- Most municipalities conduct AM as part of their operation ... but not in the most structured way.
- Asset Management provides significant opportunity to increase overall value, efficiency and benefit to the public.
- Long term strategy for managing assets
 - Lifecycle optimization
 - Reduced risk
 - Eliminate silo effect
- Long term funding strategy
 - Balance needs and revenue
 - Reduce competition for funds
 - Achieve sustainability
 - Plan for growth

Corporate Goal

- Infrastructure Asset Management was identified as a Corporate Initiative (Goal 1.2.B) in 2017-19 Corporate Business Plan.
- To achieve this goal, the initiative was broken into three (3) phases:
 - o Phase 1 – Policy and Plan
 - o Phase 2 – Planning of Implementation
 - o Phase 3 – Implementation- Asset Gathering, including but not limited to:
 - 1) Develop a State of the Infrastructure Report by completing an inventory and condition assessment of all Sturgeon County infrastructure assets;
 - 2) Develop the desired level of service and determine the risk levels and infrastructure deficit associated with the inventory.
- Phase 1 was to be delivered by Engineering Services and Phases 2 and 3 by Municipal Services.
- The purpose of having an Asset Management Policy and plan in place is to provide overarching guiding principles and direction to manage County Infrastructure assets.

Phase 1 - AM Policy and Strategy Update

Phase I: AM Policy

- Opus Stewart Weir was contracted to draft the Asset Management Policy and Plan (Strategy).
- This phase of the project also included the development of a Business Case and Position Profile for an Asset Management Coordinator who would be the Asset Management champion within Sturgeon County (to be brought forward at the appropriate time).
- The draft policy was developed in a number of “Policy Development Workshops” held starting in late 2015 with further input from staff and senior leadership.
- The Asset Management Policy describes the organization’s intentions and directions for asset management.

Phase 1 - Asset Management Strategy (Ongoing)

- The strategy is based on the results of a high-level Asset Management “Gap Assessment” and collaboration with County staff on AM practices regarding service delivery.
- The Asset Management Strategy is still under development and will be presented to council at COW when complete.

Phase 1 - AM Policy and Strategy Update

- SLT has approved the Policy and staff are conducting further Department stakeholder engagement on the Asset Management Strategy which will be presented at a future Council meeting.
- Upon acceptance, the Asset Management Policy will guide future strategic Plans.

Phase 1 : Communication/ Financial

- There was no External Communications during this project however coordination and engagement with several internal stakeholders was required to achieve the milestones and deliverables. The primary Departments that were engaged were:
 - Senior Leadership Team
 - Engineering
 - Transportation
 - Fleet and Building Maintenance
 - Legislative Services
 - Information Services
 - Economic Development
 - Agriculture Services
 - Community Services
 - Finance
 - Current Planning and Development
 - Emergency Services
- The financial and human resource impacts will need to be determined as part of Phase 2 (Implementation). Administration will bring forward recommendations during the 2018 budget process.

AM Policy: Purpose and Statement

Policy Purpose

- The Asset Management Policy describes Sturgeon County's intentions and directions for asset management. It describes the principles and framework to be adopted in applying asset management to achieve the County's strategic objectives.

Policy Statement

- Council's Mission and goal is to provide quality, cost-effective services and infrastructure to meet the diverse needs of Sturgeon County, while improving competitiveness and sustainability.
- The Asset Management Policy describes Sturgeon County's intentions, commitment and directions for asset management. Asset management practices implemented in accordance with this policy will provide information for evidence-based decision-making which will drive quality, cost-effective services that can be sustainably delivered to the community.
- This policy applies to those areas or business units within the County that manage tangible capital assets or asset systems that deliver services to the citizens of Sturgeon County.
- This policy and related asset management procedures and practices integrate with, but do not replace, existing corporate strategic, business planning and budget management systems and processes already in place.

AM Policy: Responsibilities

Responsibilities

- The County Commissioner will be responsible for implementation and compliance of this policy.
- The Senior Leadership Team (SLT) will be responsible for:
 1. Administering the Asset Management Policy.
 2. Establishing an Asset Management Governance structure, and assigning roles and responsibilities.
 3. The implementation and continuous improvement of asset management procedures, practices, and systems.
 4. Maintaining the necessary corporate capacity (including, but not limited to, resourcing, financial support, staff competencies, business processes, data and integrated information systems) to implement and improve the elements and practices of asset management to support the achievement of Sturgeon County's organizational objectives.

AM Policy: Principles

Principles

- To attain the County's goal of asset management, the following principles are to be applied to all elements, documents, procedures, tools, and practices of asset management within the County's asset management system:
 - Corporate
 - Systematic
 - Systemic
 - Risk-based
 - Optimal
 - Sustainable
 - Integrated
 - Aligned

AM Policy: Procedures

Procedures

- The implementation and improvement plan for Sturgeon County's asset management practices will incorporate the following procedures;
 - Make informed evidence-based decisions
 - Use lifecycle costing
 - Integrate planning for assets
 - Establish organizational accountability and responsibility
 - Define and articulate service, maintenance and replacement levels
 - Optimize total life cycle costs of assets.
 - Manage assets to be sustainable.
 - Consider financial, environmental, and social sustainability goals.
 - Minimize risks
 - Pursue best practice
 - Better reporting on County's Assets.

AM Policy: Expected Outcomes

Outcomes

- Implementation and adherence to this policy is expected to result in reduced Asset risk in
 - Investments
 - Planning
 - Maintenance
 - Replacement Programing
 - Service levels
 - Capital Budgeting

Summary

Questions?

Tangible Capital Assets

Approved: 10/08/24

Resolution Number: 309/10

County Commissioner: 

Policy Statement:

Purpose:

Sturgeon County recognizes that through the proper recording, tracking and assessment of all tangible capital assets the following objectives will be achieved:

- Management and council will be provided with meaningful data which will assist to make informed decisions;
- Cost and risk management throughout the life cycle of each tangible asset including planning, acquisition, use, maintenance, and disposal or renewal;
- Asset optimization;
- Compliance with the Canadian Public Sector Accounting Standard 3150, relating to tangible capital assets.

The accounting policy for tangible capital assets is stated in the annual financial statements.



Sturgeon County

9613-100 Street
Morinville, Alberta
T8R 1L9

Legislation Text

File #: PRS-033-17, **Version:** 1

Meadowview Drive Functional Planning Study

Briefing Note

Title	Meadowview Drive Functional Planning Study
Issue	To present the findings of the Meadowview Drive Functional Planning Study accepted by the prior Council for information on May 28, 2013 and discuss options moving forward.
Previous Council Direction	<p>May 28, 2013 – Motion 241 / 13 That County Council accepts the Meadowview Drive Functional Planning Study as information, and directs Administration to include this information in future planning.</p> <p>April 9, 2013 – Committee of the Whole presentation to Council after the second Public Open House.</p> <p>January 22, 2013 – Committee of the Whole presentation to Council after the first Public Open House.</p> <p>December 13, 2011 – Motion 511/11 Project approved as part of the 2012 Engineering Services Department Budget.</p>
Report	<p><u>Background Information</u></p> <ul style="list-style-type: none"> • A copy of the Request for Decision dated May 28, 2013 is attached for reference regarding the Meadowview Drive Functional Planning Study. It provides detailed information on the process to finalize the recommended alignment option. • This project is currently identified as a “Potential” project in the 4-Stage Capital Plan. There is \$1M allocated for phase 1 Feasibility in 2018. This funding allocation does not include land acquisition. • During the April 6 - 7, 2017 Council Workshop, the Meadowview Project was discussed. During the discussion, a member of Council presented the idea of looking at a potentially different alignment. • Because of the discussion, Administration is bringing forward the project, to present the previous report to Council by ISL Engineering Consultants on May 28, 2013, and to seek direction moving forward. <p>Administration recommends the following two (2) options for consideration by Council:</p> <p>Option 1:</p> <ol style="list-style-type: none"> 1. That Council re-confirm the recommendations of the Functional Planning Study including the road alignment; and

-
2. That Administration bring forward a phased implementation plan, including funding required to start preliminary engineering on July 10, 2017.

Option 2:

1. That Administration initiate a new Functional Planning Study for the re-alignment of Meadowview Drive that would incorporate the bridge east of Range Road 261A and re-alignment of Range Road 261A due to erosion issues along Sturgeon River; and
2. That Council approve \$250,000 for the study which will take one (1) year to complete, and to be included in the 2018 budget.

External Communication:

Two (2) public Open Houses were held on June 28, 2012 and February 12, 2013. See attached Request for Decision dated May 28, 2013.

The preferred alignment recommended in the study was the result of 52% of residents being in support.

Relevant Policy/Legislation/Practices:

None.

Implication

Strategic Alignment:

- Strong Local Governance and Regional Leadership – Collaboration with the community.
- Planned Growth – Positioning the organization to serve the needs of the community in the face of continued and focused growth.
- Maintaining and Enhancing Strong Communities – Focus on engaging residents for feedback on how transportation infrastructure delivers on community expectations.
- Operational Excellence – Focus on improving Transportation Services' service levels to Sturgeon County.

Organizational:

There will be no impact to staffing levels.




Financial:


For Option 1:

On July 10, 2017, Administration will bring forward a phased-implementation plan, as well as a funding request for preliminary engineering design. Based on the 2013 study, preliminary engineering could total \$1,000,000.

For Option 2:

Approximately \$250,000 will be required as part of the 2018 Budget to initiate a new functional planning study.

Follow Up Action	1. Based on Council's direction, Administration will bring forward a plan on July 10, 2017.
Attachment (s)	1. Presentation 2. Request for Decision - May 28, 2013
Report Reviewed by:	 Brian Hartman, Manager, Engineering Services  Stephane Labonne, General Manager, Integrated Growth  Peter Tarnawsky, County Commissioner – CAO



Meadowview Drive

Functional Planning Study

Highway 44 to City of St Albert

Presentation to Sturgeon County Council

May 23, 2017

Outline of Presentation

- The following is the original presentation from May 28, 2013:
- Study Objectives & Process
- Existing Constraints
- Traffic Projections and Proposed Cross-section
- Realignment Alternatives
- Open House Summary
- Recommended Plan
- Opinion of Probable Costs
- Options

Study Objectives

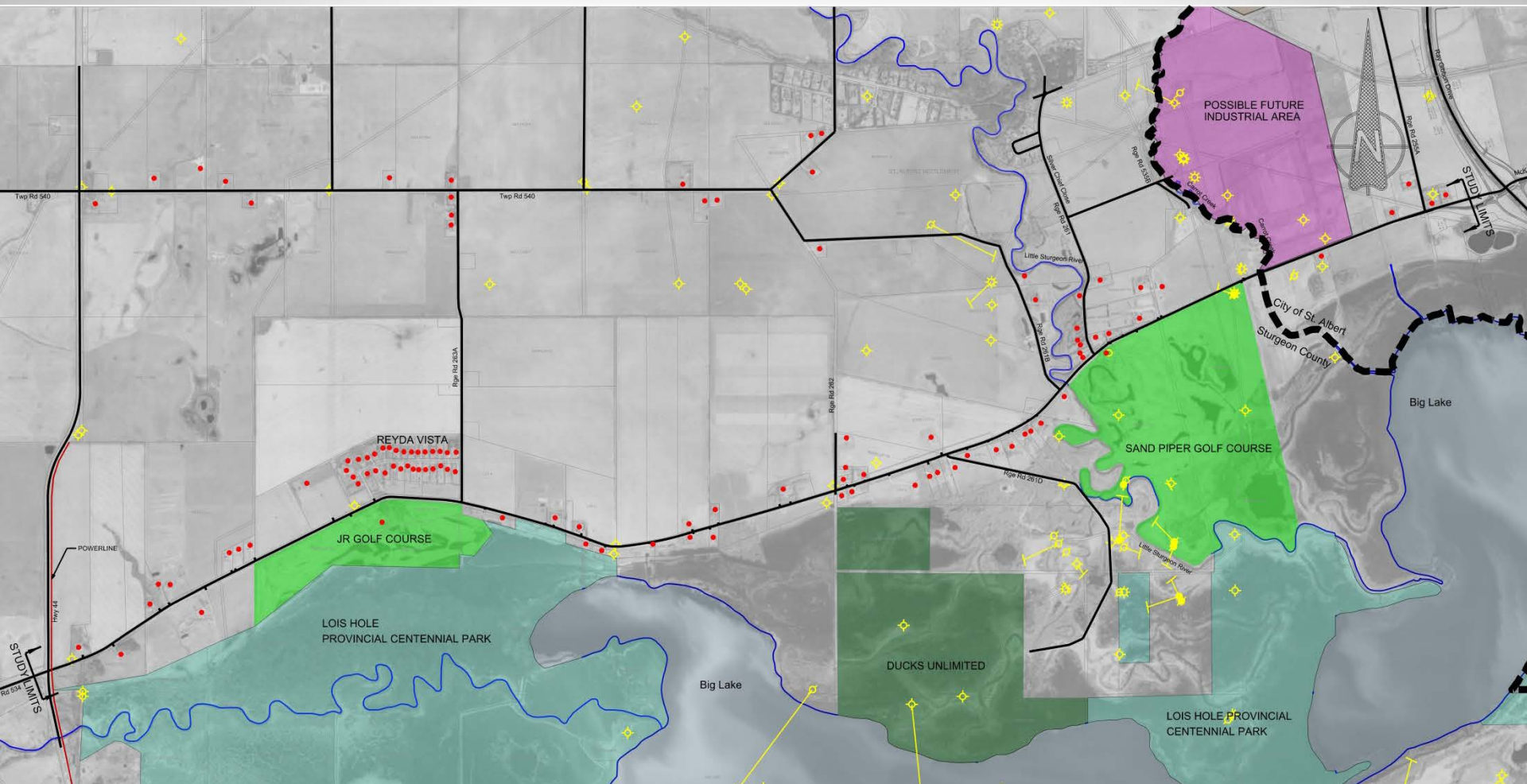
- Identify the future role Meadowview Drive will serve in the area
- Develop access management options
- Address environmental and drainage issues
- Resolve utility conflicts
- Identify right-of-way requirements

Study Process

1. Collect background information
2. Develop Alternatives
3. Identify a Preferred Alternative
4. Open House #1 held June 28, 2012
5. Presentation to County Council
6. Open House #2 held on February 12, 2013
7. Present to County Council
8. Finalize Recommended Plan
9. **Plan Approval by Sturgeon County**

 We are here

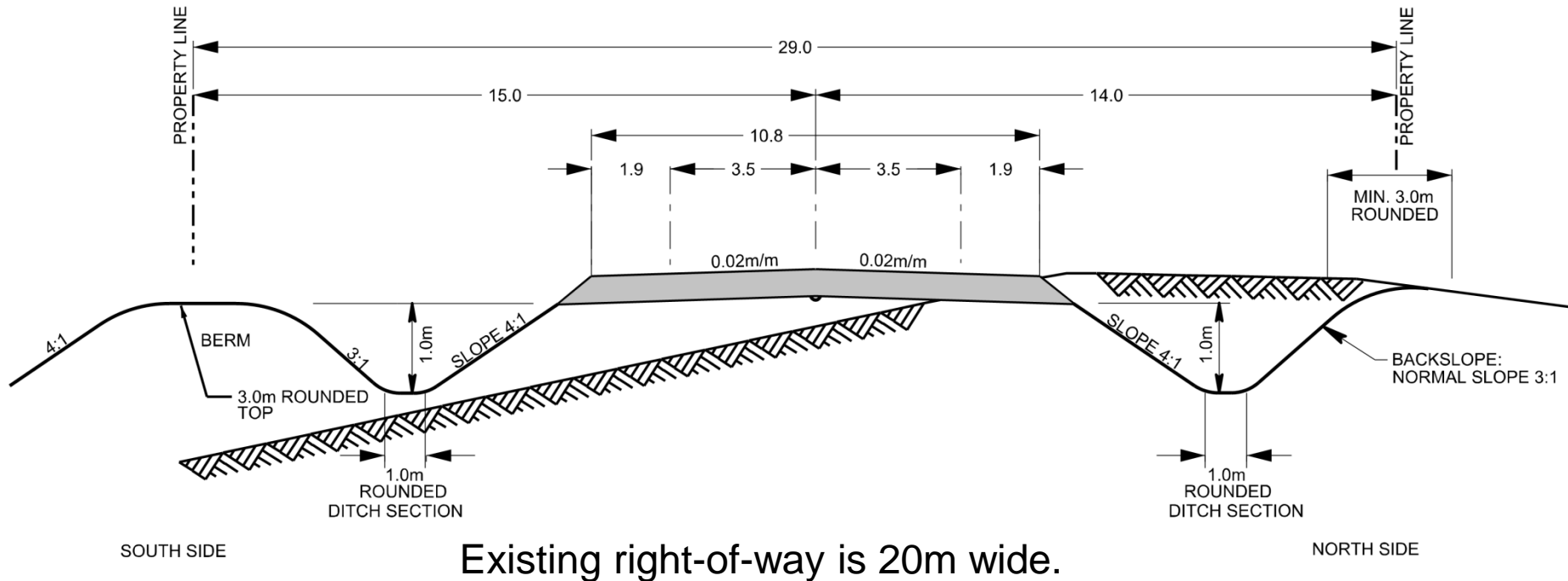
Constraints



Traffic

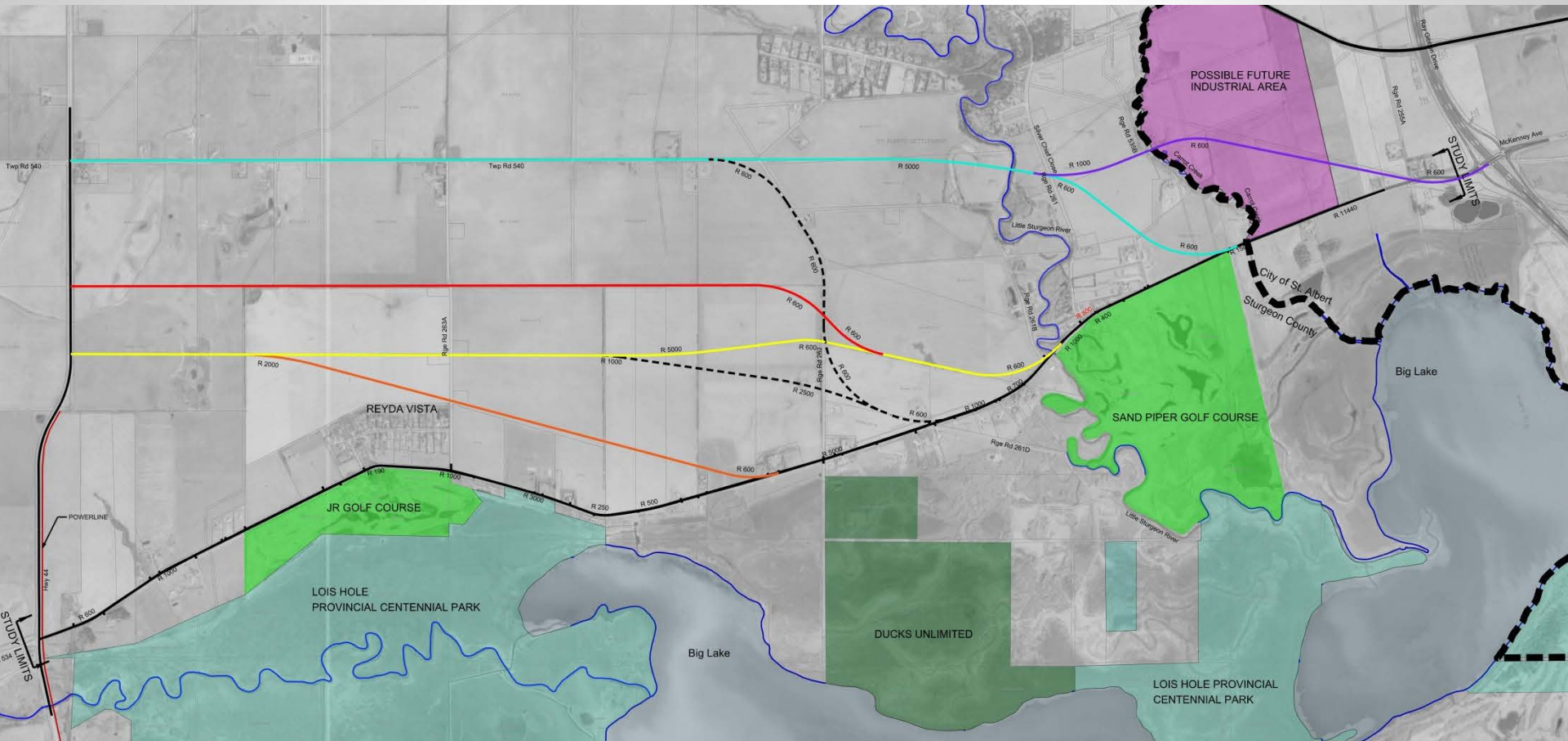
- Existing traffic volumes on Meadowview Drive:
 - 1,370 vehicles/day east of Highway 44
 - 2,480 vehicles/day west of Ray Gibbon Drive
- Traffic has increased on average 6.3%/year over the last 5 years and 15.9% over the last 9 years
- 2032 volumes are anticipated to be:
 - 3,100 vehicles/day east of Highway 44
 - 5,600 vehicles/day west of Ray Gibbon Drive

Proposed Cross-Section



Widening will occur to the north from Hwy 44 to the Sturgeon River. East of the river, widening will occur to the south.

Realignment Option

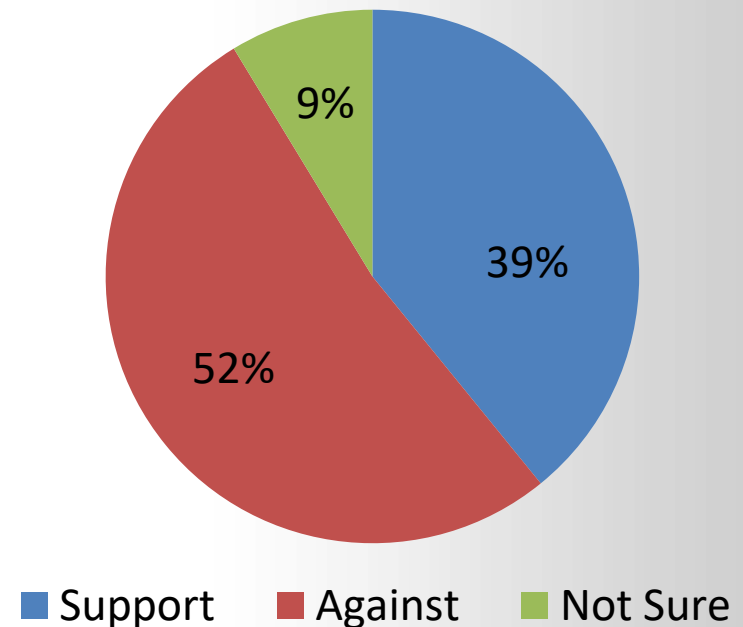


Open House #1 – June 28

Main concerns:

- Road conditions
- Short-cutting
- Speeding & User Safety
- Right-of-way requirements and proximity impacts
- Capital expenditures

Public Support for Realignment

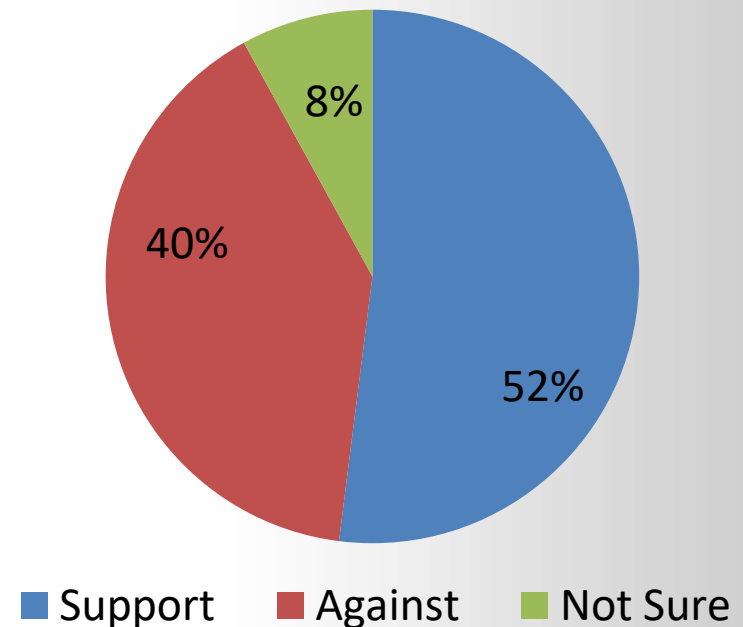


Open House #2 – Feb. 12

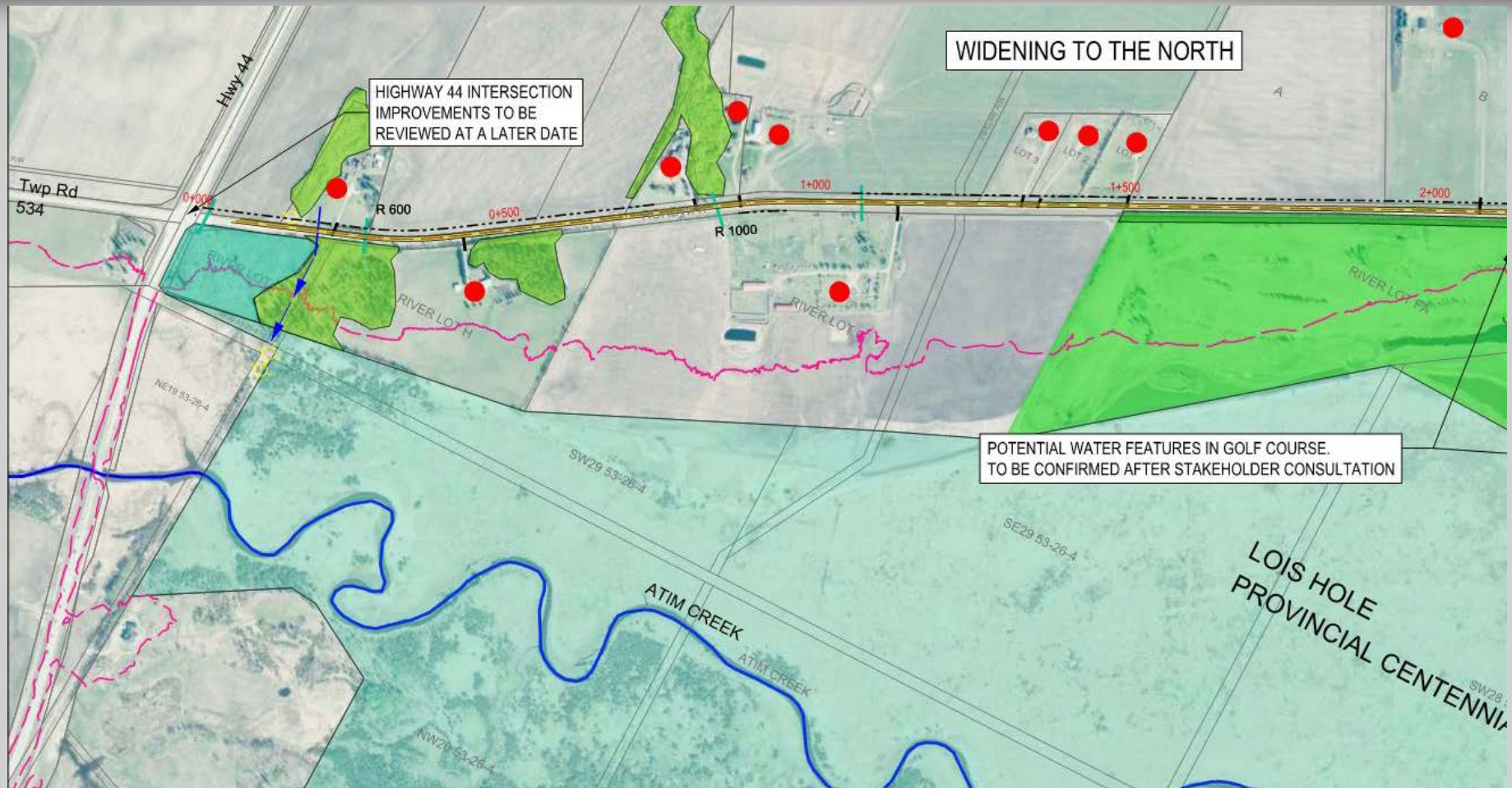
Main concerns:

- Road conditions
- Short-cutting
- Speeding & User Safety
- Right-of-way requirements
& proximity impacts
- Capital expenditures
- Timing of Repairs

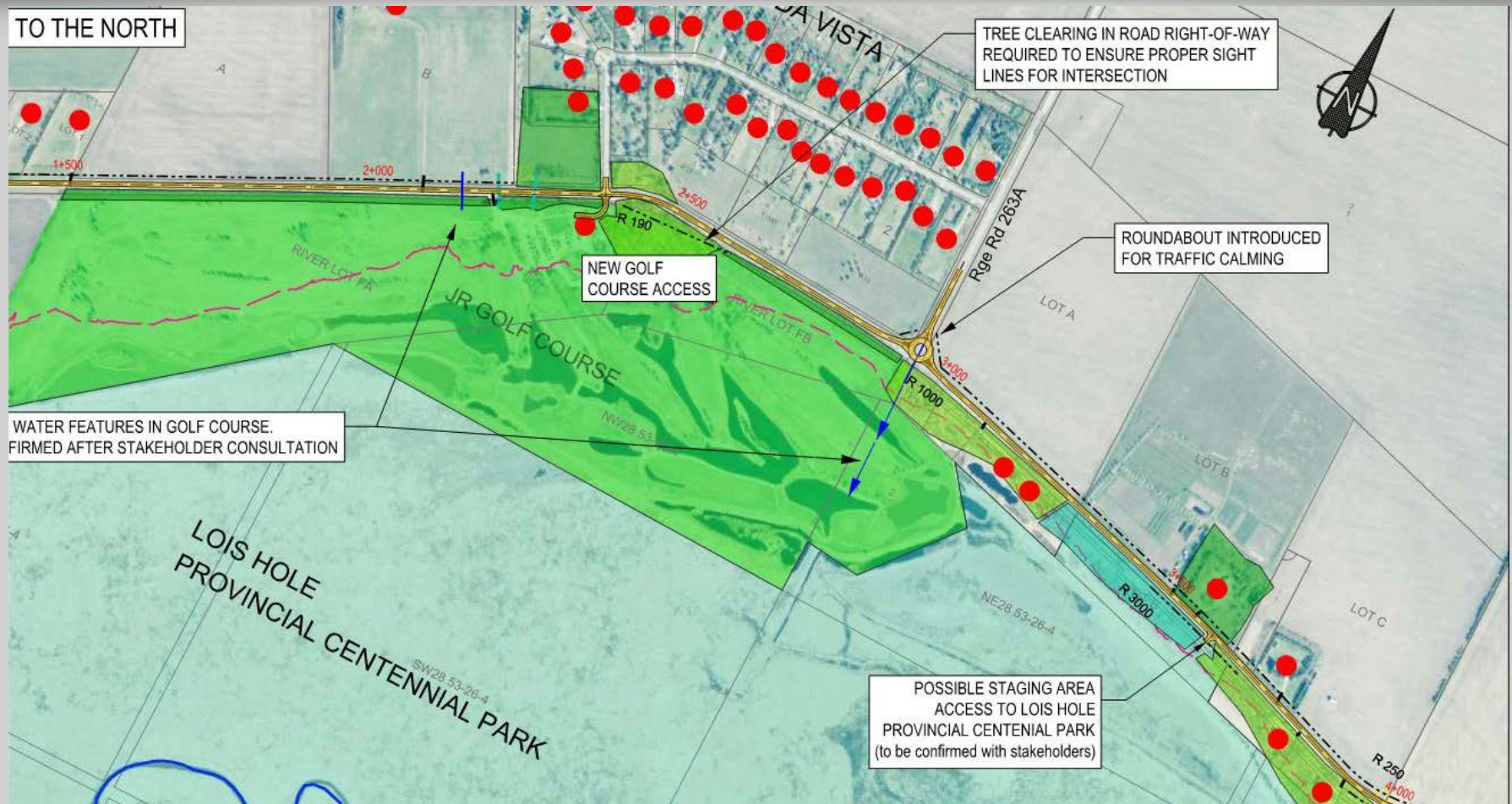
Public Support for Recommended Plan



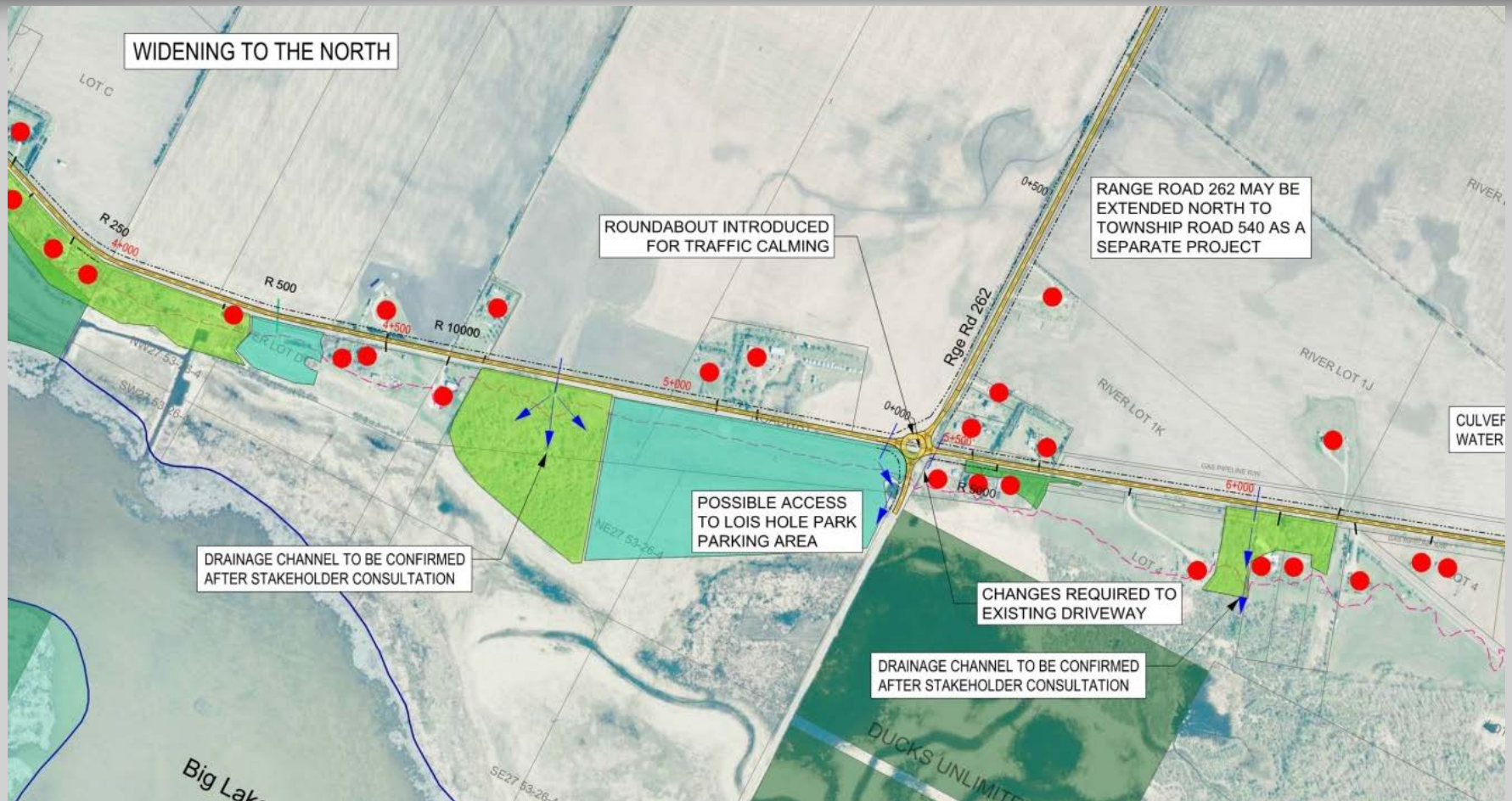
Recommended Option



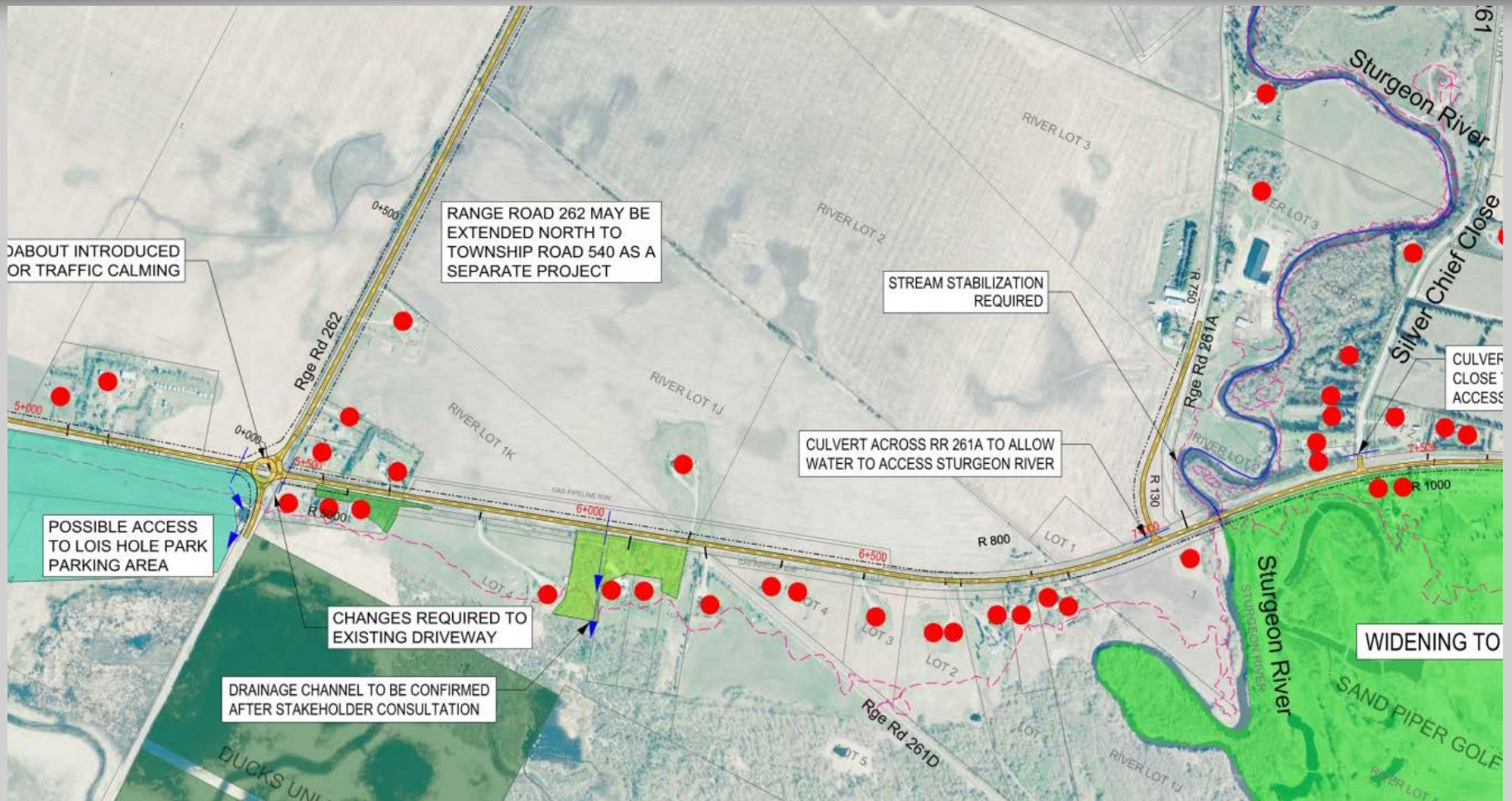
Recommended Option



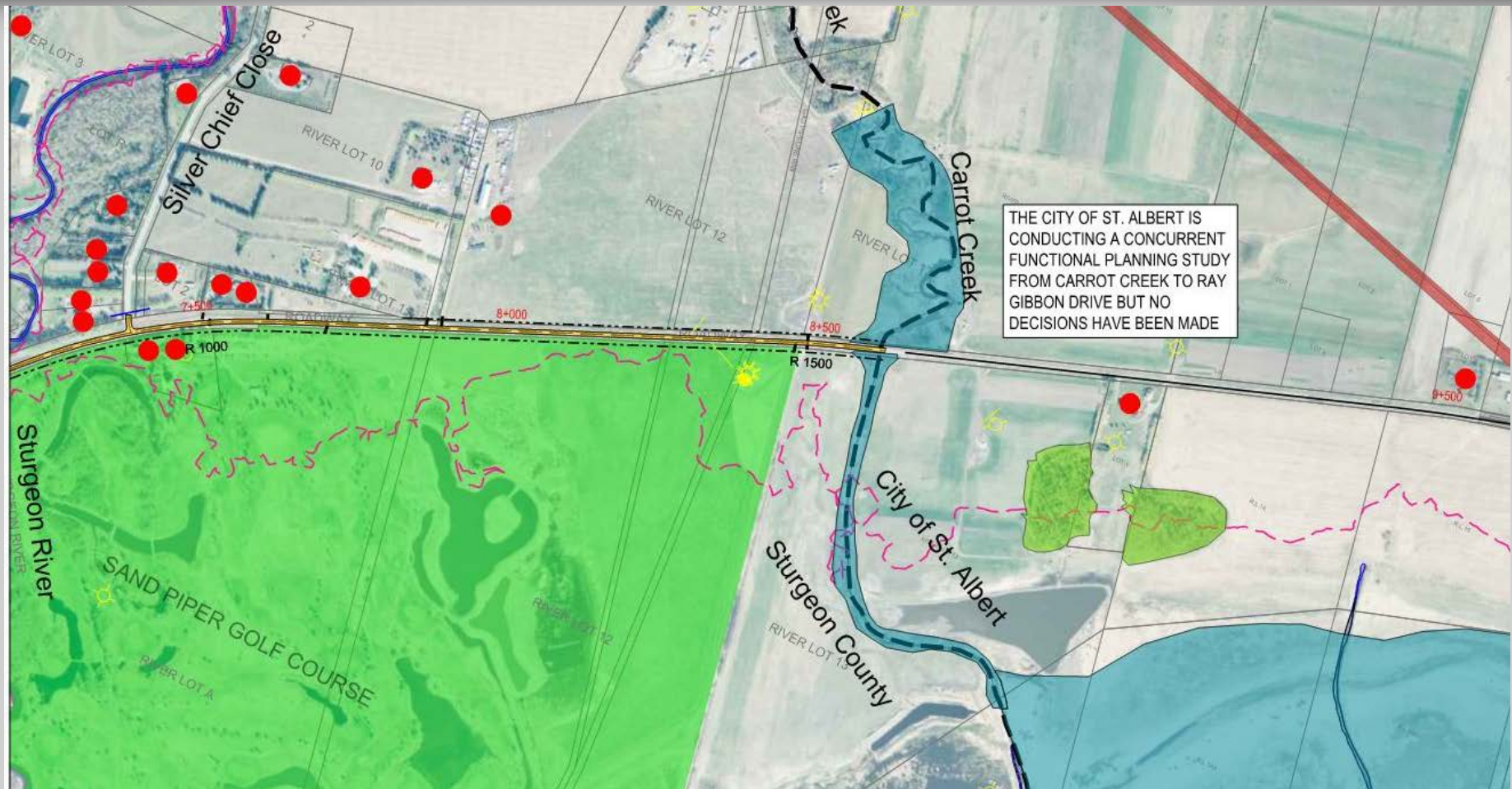
Recommended Option



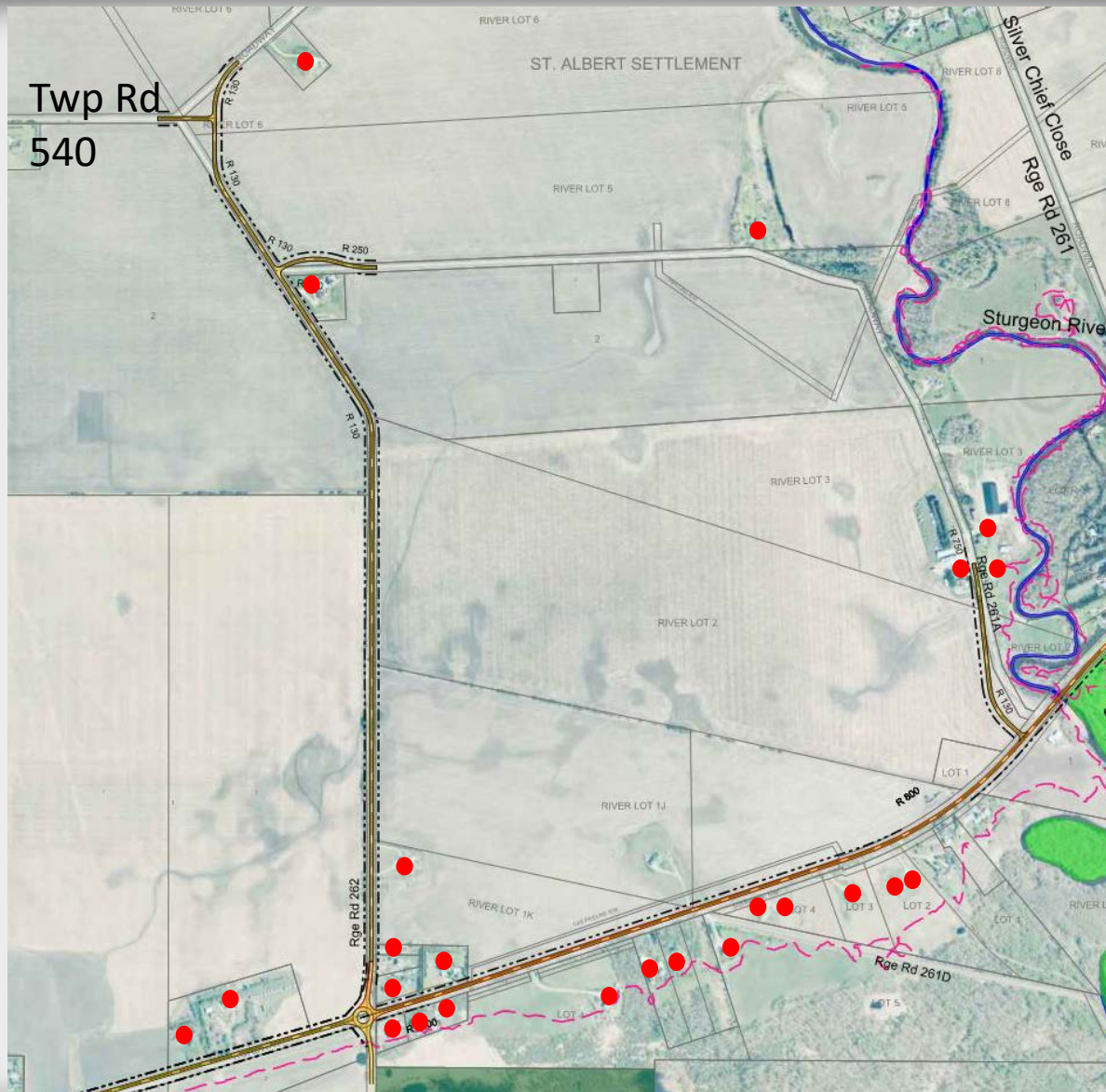
Recommended Option



Recommended Option



Recommended Option



Opinion of Probable Costs

Road Segment	Cost (2013\$)
Realignment of RR261A & Sturgeon River Bank Stabilization	\$1.8M
Meadowview Dr. – Carrot Creek to Silver Chief Close	\$2.3M
Meadowview Dr. – Silver Chief Close to RR261A	\$0.7M
Meadowview Dr. – RR261A to RR263	\$9.5M
Meadowview Dr. – RR263 to Highway 44	\$5.9M
Extension of RR262	\$4.1M

Total Cost: \$24.3M

Moving Forward

- This concludes the original May 28, 2013 presentation to Council
- Moving forward there are 2 options.

Option 1

- Council accept the recommendations of study
– including the recommended road alignment
- Council commit to funding of whole project
(\$24.3 Million with inflation)
- Approve funding of \$1,000,000 for preliminary design to start in 2018

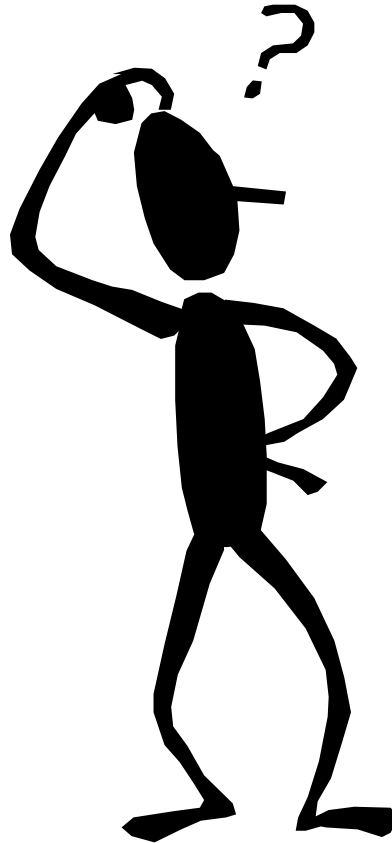
Option 2

- Conduct a new study for new alignment including bridge replacement east of RR 261A and realignment of RR 261A.
- Council to approve funding approx. \$250,000 for new functional planning study to start in 2018

Next Steps

- Council direction – Option 1 or Option 2
- Request for Decision

Questions



Request for Decision – to Council

Council Meeting Date: May 28, 2013

Subject	Meadowview Drive Functional Planning Study
Motion	That County Council accepts the Meadowview Drive Functional Planning Study as information, and directs Administration to include this information in future planning.
Previous Council Direction	<ul style="list-style-type: none">During the 2012 budget process, council approved funding for the completion of the “Meadowview Drive Functional Planning Study”.
Report	<p><u>Background Information</u></p> <p><i>Why the Study was Required:</i></p> <ul style="list-style-type: none">To resolve utility conflicts and identify right-of-way requirements that will accommodate a 2-lane rural collector that includes a shoulder.To identify the future role Meadowview Drive will serve in the area.Partial or complete reconstruction is anticipated to address current maintenance issues.To developing access management options so multiple accesses are avoided.Addressing environmental and drainage issues <p><i>Key Objectives for Meadowview Drive Study</i></p> <ul style="list-style-type: none">The objective of the Meadowview Drive Functional Planning Study was to provide a final report that identified;<ul style="list-style-type: none">Future planning guidance;Future alignment options;Future Costs; andDesign standard recommendations.

Outcomes of the Study

- The Functional Planning Study was used to determine existing and future traffic movements for a 10 year horizon, from a capacity, operational, safety, and access perspective for Meadowview Drive
- The study identified improvements to the roadway structure, and introduced roundabouts at key intersections to provide permanent features that encourage drivers to slow down.
- Planning and development efforts can now take this alignment into account to enable the County to secure future Right-of-Way.
- Funding considerations can now begin.
- Growth and development in the vicinity of Meadowview Drive will be supported by an enhanced transportation network that will facilitate mobility, capacity, access and safety

The following activities have been completed since April , 2012:

- Completed Environmental Overview, Geotechnical Desktop Study & Historical Resources Overview.
- Completed two Open Houses (held on June 28, 2012 and February 12, 2013).
- Presented alignment and improvement options to the Sturgeon County Committee of the Whole on January 22, 2013 and April 09, 2013.
- Refined the realignment and improvement options based on inputs from residents who attended both Open Houses, County's staff, developers and Council.
- Key features include:
 - Improvements to the existing alignment of Meadowview Drive with introduction of roundabouts at key intersections to provide permanent features that encourage drivers to slow down.
 - A reconstructed Meadowview Drive with proper granular base and drainage culverts.
 - 29m of road right-of-way that includes a driving lane and a shoulder for each direction of travel.
 - Intersection improvement at West access of Bona Vista – south leg added to provide access to JR's Golf.
 - New access to Lois Hole Provincial Centennial Park staging area.
 - Range Road 261A shift 55m west to improve sight lines on the Little Sturgeon River Bridge and avoid unstable river bank.
 - The potential extension of Range Road 262 to the north to Township Road 540 as a separate project.
- Prepared Stormwater Management Plans.
- Identified Construction Staging.
- Updated cost estimates for construction stages.

Public Consultation:

- April 2012, ISL Engineering was retained to undertake the Functional Planning Study.
- Consultation with the public was completed as part of this functional study on June 28, 2012 and February 12, 2013.

Public Open House #1

- June 28, 2012 from 6:30 to 8:00 pm at Villeneuve Hall;
- 50 attendees;
- 25 written Feedback forms received;
- General Feedback:
 - Poor quality of road surface, should be reconstructed
 - Add stop signs / street lights (Safety Concern).
 - Reduce the speed limit and increase RCMP enforcement.
 - Set up permanent photo radar.
 - 4-lane Ray Gibbon Drive to reduce rush hour congestion which may encourage drivers to stay on Ray Gibbon Drive instead of Meadowview Drive.
- Key Conclusions.
 - 52% of the public were opposed to the realignment of the existing road.
 - 39% of the public supported the realignment.
 - And 9% of the public were unsure of the realignment.

Public Open House #2

- February 12, 2013 from 4:30 to 7:30 pm at Villeneuve Hall;
- 78 attendees;
- 29 written Feedback forms received;
- General Feedback:
 - The road is very much in need of major repair or reconstruction.
 - The plan presented today addresses most of the concerns that were addressed at the last open house.
 - Patching does not work, the road base should be replaced.
 - This road is a major safety concern (Speed, pavement, curves).
 - Waiting for 8-10 years for this project to go ahead is too long.
- Key conclusions
 - 52% of the public supported the decision to focus on improvements to the existing alignment of Meadowview Drive.
 - 40% of the public were unsure.
 - 8% of the public were against at some of the improvements.

	<p><u>Communication with other Organizations</u></p> <ul style="list-style-type: none"> • Alberta Transportation was informed of the study due to the impact to the future Highway 44 twinning • The City of St. Albert was informed of the study due to municipal boundaries and they were invited to participate as part of the Technical Review Team. <p>Next Steps:</p> <ul style="list-style-type: none"> • County Council to accept the current functional planning study so that adequate Right-of-way can be secured. • “Administration to determine a phased approach to capital improvements on Meadowview Drive for future capital planning and programming” <p>Funding</p> <ul style="list-style-type: none"> • Funding can be supplemented with County transportation funds/grants/recreation funds. • Sturgeon County does not need to build the entire length as the construction of Meadowview Drive has been broken up into segments to optimize detour routing and identify areas that may be completed as separate projects <p><u>Relevant Policy/Legislation/Practices:</u></p>
Administrative Recommendation	Administration recommends that County Council accepts the Meadowview Drive Functional Planning Study as information, and directs Administration to include this information in future Sturgeon County planning.
Implication	<p><u>Strategic Alignment:</u> (See Attachment)</p> <ul style="list-style-type: none"> • The completion of the Functional Plan is in alignment with “Goal 4.2 – Foster growth through the Integrated Regional Growth Strategy,” and “Goal 4.3.1 Encourage maximum development around existing County infrastructure”. <p><u>Organizational:</u></p> <ul style="list-style-type: none"> • Guiding principles and design requirements have been developed with inputs from stakeholders for future transportation off-site levies determination in the surrounding areas. <p><u>Financial:</u></p> <ul style="list-style-type: none"> • Acceptance of the Functional plan will have future financial implications in the amount of 24.3 Million for all segments. • Detailed costs are attached. • The improvement will be funded with future off-site levies and

	also be supplemented with County transportation funds/grants/recreation funds.
Alternate Recommendation	1. That County Council request changes to the Meadowview Drive Functional Planning Study.
Implications of Alternate Recommendation	<p><u>Strategic Alignment:</u></p> <ul style="list-style-type: none"> The study will be delayed and it may be difficult for Planning and Development to process existing and future development applications in the vicinity. <p><u>Organizational:</u></p> <ul style="list-style-type: none"> Staff emphasis required on other emerging road alignment planning issues. <p><u>Financial:</u></p> <ul style="list-style-type: none"> Additional Costs may be needed to complete the changes before submitting the plan to Council.
Follow up Action	<ol style="list-style-type: none"> Use the Meadowview Drive Functional Plan alignment to protect and secure road Right-of-Way as development occurs(P&D, 2013) Determine Meadowview Drive Project funding in the 10 year road plan (Engineering, 2014)
Attachment (s)	<ol style="list-style-type: none"> Strategic Alignment Checklist Executive Summary of Meadowview Drive Functional Plan Meadowview Drive Functional Plans
Report Reviewed by:	Ian McKay, GM Integrated Growth Peter Tarnawsky, County Commissioner - CAO

Vision: *Sturgeon County: a diverse, active community that pioneers opportunities and promotes initiative while embracing rural lifestyles.*

Community Outcomes:

- *We promote consistent and accountable leadership through collaborative and transparent processes.*
- *We acknowledge the importance of a healthy environment and will minimize and monitor our impact on ecosystems.*
- *We will build upon our strengths, where together we will create an inclusive, caring community.*
- *We encourage varied and integrated enterprises that enhance our strong economic base, while balancing the needs of the community and natural environment.*
- *We are committed to a safe, secure community, where our residents are respected and provided with access to opportunities.*

Mission: *Provide quality, cost effective services and infrastructure to meet the diverse needs of the Sturgeon County community, while improving competitiveness and sustainability.*

Organizational Values: *Respect, Collaboration, Accountability, Safety, Excellence*

Focus Areas	Not consistent	N/A	Consistent
Strong Local Governance and Regional Leadership			
• <i>Consistent with master plans, development plans, policies and procedures</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Considers fiscal stability and sustainability</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Strengthens the networks of residents</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Has a positive impact on regional and sub-regional cooperation</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Respect and Monitor the Natural Environment			
• <i>Compliance with Provincial and Federal legislation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Minimizes impact on the environment</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Partnerships with other orders of government or organizations</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Community Identity & Spirit			
• <i>Strengthens the networks of residents</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Promotes Sturgeon County</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Supports the County's cultural and historical history</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Planned Growth			
• <i>Supports a balance of commercial, industrial, residential, recreational land</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Considers cumulative costs and long term funding implications</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Targets growth around current or planned infrastructure</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maintain and Enhance Strong Communities			
• <i>Positive impact on residents quality of life</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• <i>Supports and promotes volunteer efforts</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• <i>Provides programs and services that are accessible to rural and urban residents</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Organizational Effectiveness			
• <i>Positive influence on staff engagement and commitment</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• <i>Provides the resources (physical, technical, people) and support to increase competencies and enable the organization to act</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• <i>Supports a safe work environment</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>