



Implementing SRIS

April 25, 2017



Implementing SRIS

Providing Context

- Functional Roadway Classification System
- Gravel Road Improvement Plan
- Oiled Roads
- Paved Roads
- Asset Management

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Importance of the Functional Road Classification System – Encourage through traffic to use the Collector and Arterial System

Phase 1: Application of continuous calcium chloride dust suppression on Collectors/Arterials

200 km- will require phased approach 2018+

Phase 2: Upgrading of Gravel Collector/Arterials to Pavement

Year	Km Collectors	Current 4 Stage
2017-2019	24 km	Stage 3-4
2020 +	176 km	Stage 1

Lets Talk Roads Action Plan

The Plan- Key Themes (Presented March 14)

LETS TALK ROADS ACTION PLAN		
2017	2018	2019
Grading quality improvement		
Industrial/Heavy Traffic Impact		
Residential communication improvement		
Alberta Transportation Projects		
Sustained Roads Improvement Strategy application		
Capital Program Line of Sight improvement		

Lets Talk Roads Action Plan

Key Theme: Grading Quality Improvement

- More focused approach on Gravel Road Maintenance
- Enhanced Gravel Road maintenance standards established
- Training Enhanced Gravel Road maintenance techniques
- Measuring & Monitoring operator performance
- 2017 focus on developing and maintaining crowns in alignment with SRIS data

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Gravel Road Improvement Program (March 14 COW) (1,470km)

Improvement

- Focus on Crowns (+4% crown)

Responsibility

Maintenance Operations

- Enhanced Road Maintenance

\$ reallocated from shoulder pulling in 2017

- Improved Drainage

Capital and Operations

- Reconstruct roads with geometric Challenges

LRRP

- Operator training, monitoring

Operations

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Oiled Roads (79km)

- Currently in poor condition, high maintenance costs
- SRIS: Convert to robust paved roads within 10 years
- 2017-2019: 4 Stage Capital Plan includes 27 km
- Remainder to be converted (2020-2027) 52 km
 - Subdivision roads 21 km
 - Collector Roads 31 km
 - (Includes Meadowview Drive)

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Paved Roads (Includes Subdivisions/Collectors/Arterials) (275km)

- Currently in Good Condition
- Convert “Light” Paved roads to robust Pavement Roads with 25 year design life (84 km)
- Introduce mid-life treatments into Rehabilitation Capital program in next 5 years
- 2017-2019 4 Stage Plan- 18 km included

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Asset Management

Road assets make up approx. 80% of County assets.

- Use the roadway SRIS assessment and analysis processes as a model to expanding the County's asset management program.
- Develop a Maintenance Management Inventory System.
- Asset Management Policy and Plan is a Strategic Initiative in the 2017-2019 Corporate Business Plan
- Currently a significant funding gap. Council approved Significant Tax Revenue Growth Policy provides the strategic Asset Management Funding direction.

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Motions

1. That Council accept the Sustainable Roads Improvement Strategy (SRIS) Final Report as information.
2. That County Council directs administration to prepare plans and future Operating and Capital Budgets using SRIS as the framework.