



# INFRASTRUCTURE PROTECTION PROGRAM

June 22, 2010

Know Your Roads...

Control Your Roads ....

Protect Your Roads.



**Maintenance**



**Restrictions**



**Bylaws**



**Enforcement**



**Inspections**



**Asset Management**



**Construction**



**Policy**



**Permits**







# TRAVIS – One Component

Know Your Roads...

Control Your Roads ....

Protect Your Roads.



**Restrictions**



**Bylaws**



**Enforcement**



**Inspections**



**Asset Management**



**Construction**



**Permits**



**Maintenance**





# Infrastructure Protection

## Infrastructure Protection 101

- Why?



# Infrastructure Protection

- Up to 85% of Municipal Budget EXPENSES can be Public Works related.



Know Your Roads...

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Protect Your Roads.

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# Infrastructure Protection

- Based on 2008 Report for Municipal Affairs

**GUIDELINES ON VALUATIONS**  
of Tangible Capital Assets for PSAB 3150

**Prepared for:**

Alberta Municipal Affairs



# Infrastructure Protection

- Unpaved Gravel Roads

**Table 1.5 - Summary for Unpaved Gravel Roads**

Road Surface Layer Thickness	Road Subgrade Preparation Thickness	Typical Road Width (including shoulder)	Typical Road Width (including shoulders & drainage ditches)	Estimated Useful Life (for the surface only)	Cost / Lane Kilometres
75mm	100mm	5 m	10 m	10	\$345,000
75mm	100mm	10	20 m	10	\$560,000





# Infrastructure Protection

- Unpaved Gravel Roads
- Estimate Approximately 2300 km

Value =

**\$793,500,000 to \$1,288,000,000**

- For **EACH** Municipality



# Infrastructure Protection

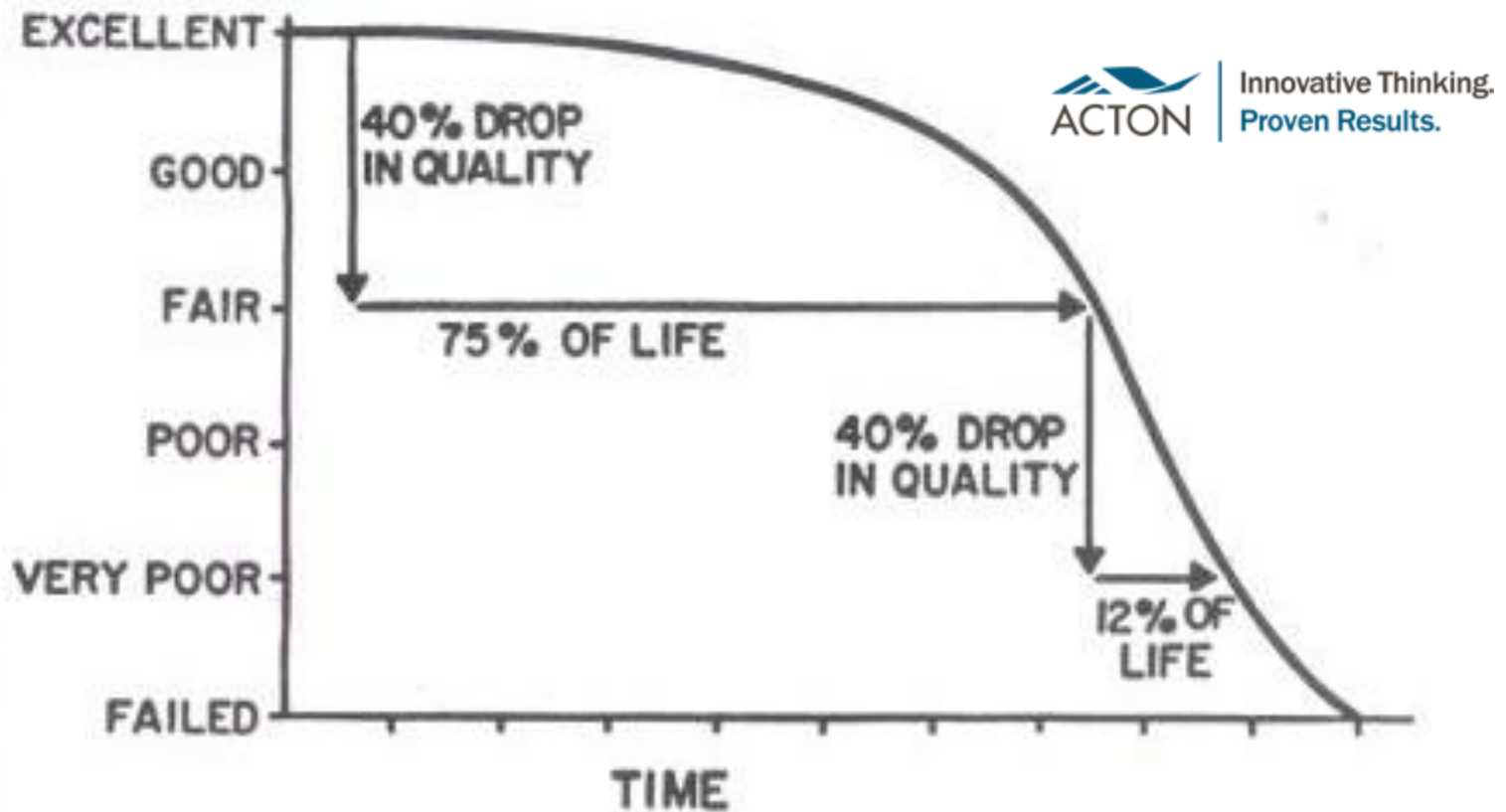
## Infrastructure Protection 101

- The Science

# Infrastructure Protection

## The Deterioration Curve

- Endorsed by the Transport Association of Canada and the United States Department of Transportation



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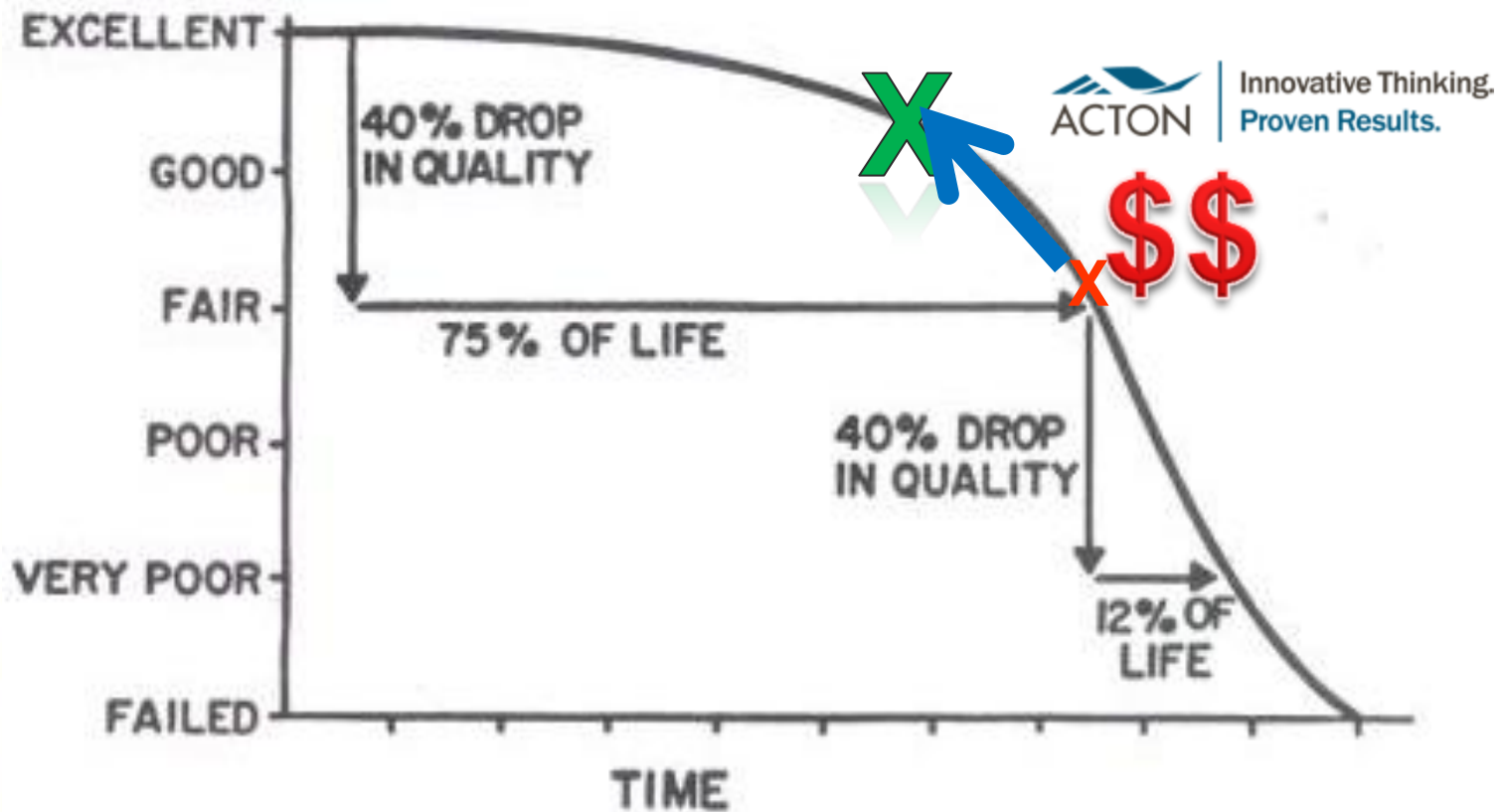
Protect Your Roads.



# Infrastructure Protection

## The Deterioration Curve

- Endorsed by the Transport Association of Canada and the United States Department of Transportation



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# Infrastructure Protection

## The Deterioration Curve

- Endorsed by the Transport Association of Canada and the United States Department of Transportation



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# Infrastructure Protection

What influences your Roadway Infrastructure?

***KNOW YOUR ROADS***



# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Weak Road Structures



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# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Dust Control Segments



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Protect Your Roads.





# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## High Risk Roads



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# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Construction Areas



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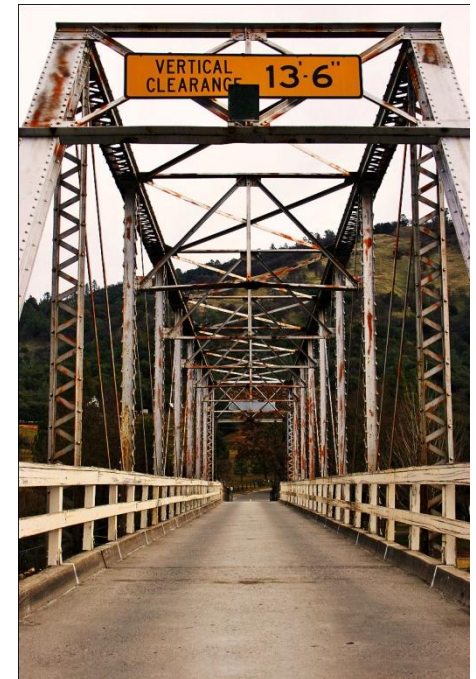
# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Bridges

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Know Your Roads...

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# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Problem Areas



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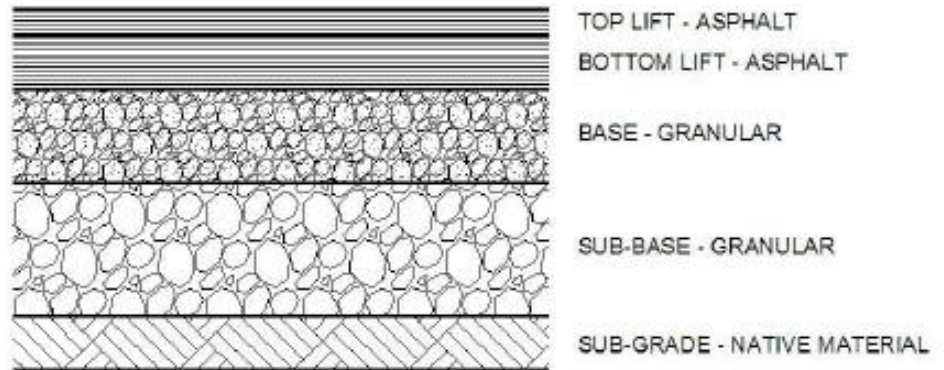


# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Road Types (Structure & Strength)



Typical paved road construction depiction

Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## *KNOW YOUR ROADS*

- Where are:

## Location of Lease Approach



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

What are the components that  
can improve “Infrastructure  
Protection”?

***CONTROL YOUR ROADS***





# Infrastructure Protection

***CONTROL YOUR ROADS***

What tools do you use to  
“Control your Roads”?



# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Restrictions



Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## CONTROL YOUR ROADS

### Restrictions

#### TRAVIS ADVANTAGE:

- Active part of route checking on every permit.



Helpful  
Tips

**TIP** - You can enter ALL types of restrictions, not just road bans.



**TRICK** – Set roadway to “legal weight” to route overweight traffic away from that segment.

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# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Bylaws



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# Infrastructure Protection

## CONTROL YOUR ROADS

### Bylaws

#### TRAVIS ADVANTAGE:

- If the Bylaw restricts weight etc, TRAVIS can be used to create the “rule”.



Helpful  
Tips

**TIP** - You can create a Bylaw that allows for fines without impacting a “Carrier Profile”.



**TRICK** – Some Municipalities use these Bylaws to mail out notices based on information from TRAVIS – no approval.

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# Infrastructure Protection

## CONTROL YOUR ROADS

- Tools used:

## Enforcement



### DRILLING RIG ACTIVITY REPORT

JURISDICTION: RED DEER COUNTY



Date Range Selected: Start Date: 12/18/2008  
End Date: 12/20/2008

ERCB DRILLING INFORMATION				LAND LOCATION						RDS PERMIT INFORMATION					
LICENCE #	LICENSEE	Contractor_NAME	RIG #	LSD	SEC	TWP	RGE	MER	Permit #	Date	CompanyName	Muni	Rig Owner	Rig #	
0383246	HUSKY OIL OPERATIONS LTD	Technicoil Corporation	2116	5	12	36	23	4	12312747	05-Jan-08	HUSKY ENERGY	RED DEER	TECHNICOIL	2116	
0383039	ENCANA CORPORATION	Akuna Drilling Inc.	311	6	22	36	23	4	12301371	31-Oct-07	ENCANA (PAN CANADIAN)	RED DEER	AKUNA DRILLING INC.	311	
0403687	ARC RESOURCES LTD.	Blackwatch Energy Services O	4	6	32	36	23	4	12375788	09-Dec-08	ARC RESOURCES LTD	RED DEER	Blackwatch Energy Servi	4	
0393198	ENCANA CORPORATION	Trailblazer Drilling Corporation	17	6	16	36	23	4	12321763	25-Feb-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING (	17	
0399797	981384 ALBERTA LTD.	Technicoil Corporation	2118	5	11	36	23	4	12358780	19-Sep-08	TRIDENT EXPLORATION	RED DEER	TECHNICOIL (GOLD)	2118	
0393198	ENCANA CORPORATION	Trailblazer Drilling Corporation	17	6	16	36	23	4	12334808	16-May-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING (	17	
0393881	ENCANA CORPORATION	Trailblazer Drilling Corporation	17	2	22	36	23	4	12320531	19-Feb-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING	17	
0388615	ENCANA CORPORATION	Trailblazer Drilling Corporation	9	6	33	36	23	4	12312685	05-Jan-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING (	9	
0404144	ARC RESOURCES LTD.	Blackwatch Energy Services O	9	1	31	36	23	4	12376716	12-Dec-08	ARC RESOURCES LTD	RED DEER	Blackwatch Energy Servi	9	
0404158	ARC RESOURCES LTD.	Blackwatch Energy Services O	9	4	31	36	23	4							
0400023	ARC RESOURCES LTD.	Blackwatch Energy Services O	4	8	32	36	23	4	12370251	13-Nov-08	ARC RESOURCES LTD	RED DEER	Blackwatch Energy Servi	4	
0382028	ENCANA CORPORATION	Precision Drilling Corporation	255	9	17	36	23	4							
0383260	HUSKY OIL OPERATIONS LTD	Technicoil Corporation	2116	13	12	36	23	4	12313177	08-Jan-08	HUSKY ENERGY	RED DEER	TECHNICOIL (GOLD)	2116	
0383028	ENCANA CORPORATION	Akuna Drilling Inc.	311	11	22	36	23	4	12301033	29-Oct-07	#Deleted	RED DEER	AKUNA DRILLING INC.	311	
0383826	HUSKY OIL OPERATIONS LTD	Technicoil Corporation	2116	9	14	36	23	4	12309970	14-Dec-07	HUSKY ENERGY	RED DEER	TECHNICOIL (GOLD)	2116	
0386955	ENCANA CORPORATION	Trailblazer Drilling Corporation	13	14	17	36	24	4	12315866	22-Jan-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING (	13	
0403455	SOUTH BAY RESOURCES CA	Chinook Drilling Inc.	10	2	15	36	24	4	12369637	10-Nov-08	SOUTH BAY RESOURCES	RED DEER	CHINOOK DRILLING (BRC	10	
0384896	ENCANA CORPORATION	Nabors Drilling Limited	22	6	19	36	24	4							
0384312	ENCANA CORPORATION	Trailblazer Drilling Corporation	13	8	19	36	24	4	12316161	23-Jan-08	ENCANA (PAN CANADIAN)	RED DEER	TRAILBLAZER DRILLING	13	
0386133	ENCANA CORPORATION	Precision Drilling Corporation	298	10	15	36	24	4	12358433	18-Sep-08	ENCANA (PAN CANADIAN)	RED DEER	PRECISION DRILLING	298	

Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## CONTROL YOUR ROADS

## Enforcement

### TRAVIS ADVANTAGE:

- Can potentially provide tools to provide enforcement WITHOUT the need to have a Peace Officer on staff.



Helpful  
Tips

**TIP** - You don't need an officer to have effective "Enforcement".



**TRICK** – With TRAVIS you can impose movement or notification restrictions on Trucking Companies AND share this information with other Municipalities.

Know Your Roads...

Control Your Roads ....

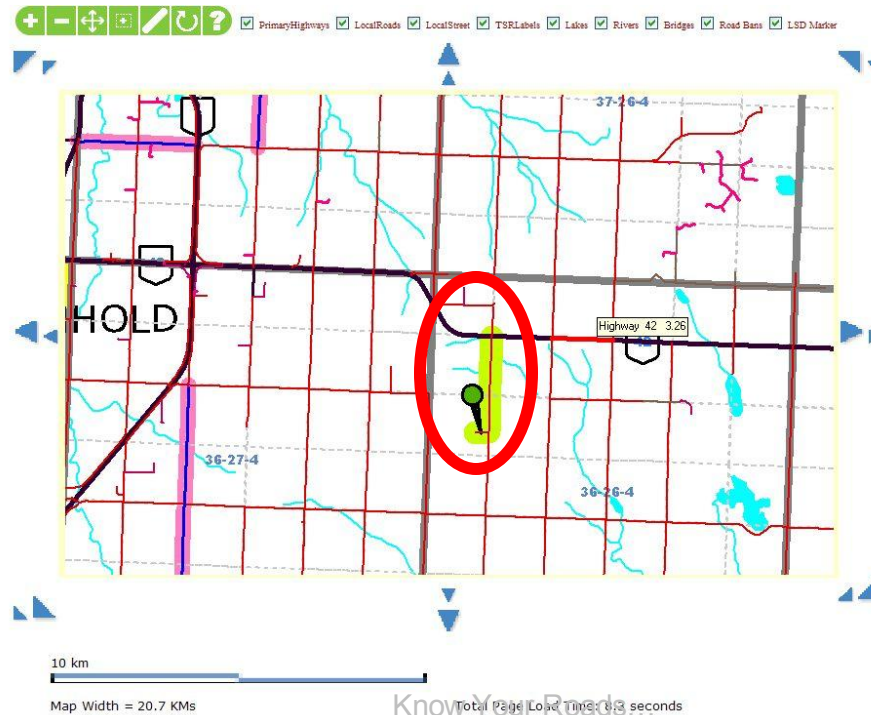
Protect Your Roads.

# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Designated Routes



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Protect Your Roads.

# Infrastructure Protection

## *CONTROL YOUR ROADS*

### Designated Routes



**TIP** – Effective when combined with Road Use Agreements. ALL activity must use the Designated Route.



**TRICK** – If you properly track activity and there is damage due to a permit load (even if multiple Oil Companies use road) you can usually recover damage cost from the correct company.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.

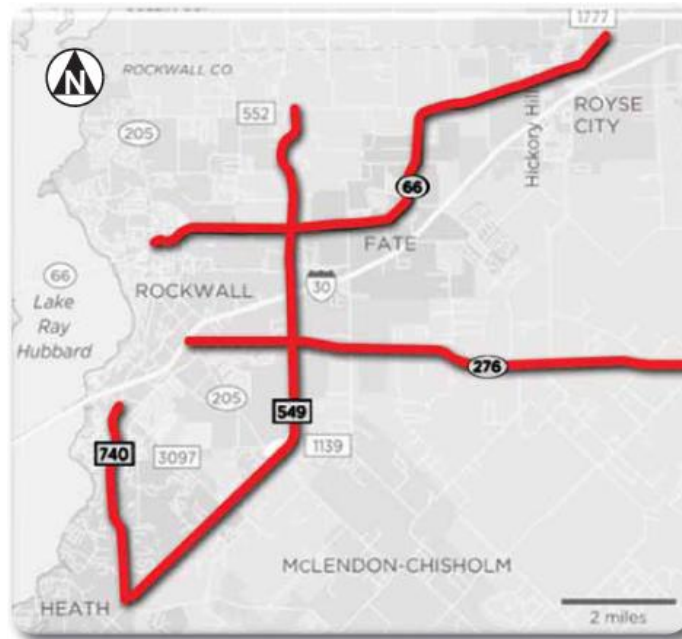


# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Bonding Roads



Know Your Roads...

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# Infrastructure Protection

## *CONTROL YOUR ROADS*

### Road Bonds

Many options – by segment, by LSD, by location, blanket for all Roads. Intended to provide some level of assurance funds will be available in the event damage occurs.



Helpful  
Tips

**TIP** – Useful to implement restrictions (bans etc) but let the “good guys” continue to move.



**TRICK** – Reduce admin cost and confusion by having a blanket bond amount for movement, regardless of distance.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Road Use Agreements



Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## CONTROL YOUR ROADS

### Road Use Agreements

#### TRAVIS ADVANTAGE:

- Can force the entry of an RUA number and it can be set as a “rule” for various permit types, commodities, road type etc.



Helpful  
Tips

**TIP** – Use annual RUA rather than single trip and identify the LSD and ROUTE to be followed.



**TRICK** – Automate the process to apply for and RUA to make compliance simple.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Permit Policy



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Protect Your Roads.

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# Infrastructure Protection

## *CONTROL YOUR ROADS*

### Road Use Agreements

#### *TRAVIS ADVANTAGE:*

- In many cases policy can be implemented or supported through TRAVIS.



Helpful  
Tips

**TIP** – Make policy similar to other Municipalities as compliance improves.



**TRICK** – Draw on what others have already implemented, find out what is good and bad before you draft your policy.

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Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Weight Restrictions

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Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

*CONTROL YOUR ROADS*

## Weight Restrictions

*TRAVIS ADVANTAGE:*

- You can set rules specific to weight. Can be by axle group or gross weight.



Helpful  
Tips

**TIP** – Identify roadways that seem to be more prone to overweight damage.



**TRICK** – Set the “trigger” for the manual review based on roadway structure and strength.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## Roadway Inspection



Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## CONTROL YOUR ROADS

### Roadway Inspection

#### TRAVIS ADVANTAGE:

- Has been recognized as a process and future releases of TRAVIS *may* actually collect inspection fees on behalf of the Municipality.



Helpful  
Tips

**TIP** – Post move inspections do not need to enforce a notification period. That combined with a proper permit condition work well.



**TRICK** - You can set any “Rig Component” to require manual review to prevent “cheating” by industry to avoid fee or notice.

Know Your Roads...

Control Your Roads ....

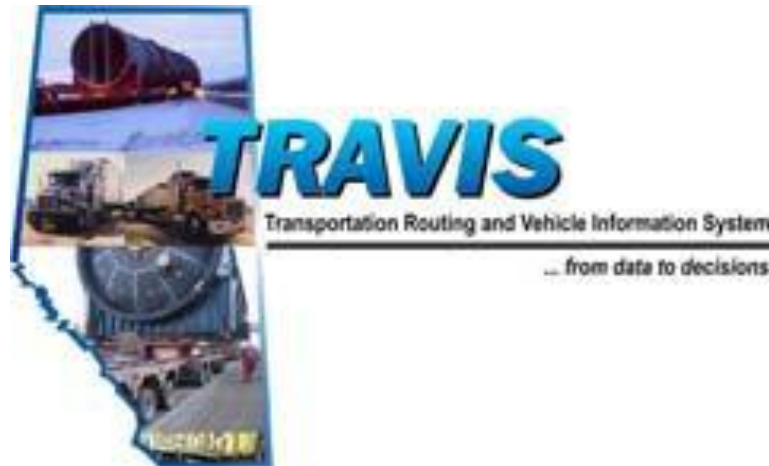
Protect Your Roads.

# Infrastructure Protection

## *CONTROL YOUR ROADS*

- Tools used:

## PERMITS



Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

*CONTROL YOUR ROADS*

## PERMITS

*TRAVIS ADVANTAGE:*

- A central system to allow multiple departments to access permit documents.



Helpful  
Tips

**TIP** – Be sure you know how to **MAXIMIZE** the benefit from TRAVIS MJ.



**TRICK** – You may be able to contract TRAVIS MJ expertise at a cost **LOWER** than doing the work yourself.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## *CONTROL YOUR ROADS*

### PERMITS

#### *TRAVIS ADVANTAGE:*

- A central system to allow multiple departments to access permit documents.



**TRAP** – The more you have any automated system “check” & approve, the more important some level of AUDIT must occur. Reviewing ALL approvals will show patterns and may uncover the inevitable “I never thought of that” situations.

Know Your Roads...

Control Your Roads ....

Protect Your Roads.

A hand is shown clicking a computer mouse. The background is a blurred image of a computer keyboard and mouse, overlaid with a pattern of binary code (0s and 1s) in a light blue/purple hue.

# Infrastructure Protection

What are the ultimate GOALS to  
achieve with Infrastructure  
Protection?

***PROTECT YOUR ROADS***

# Infrastructure Protection

## PROTECT YOUR ROADS

- GOALS:

## Extend the Life of the Asset



Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## PROTECT YOUR ROADS

- GOALS:

### Lower Maintenance Cost

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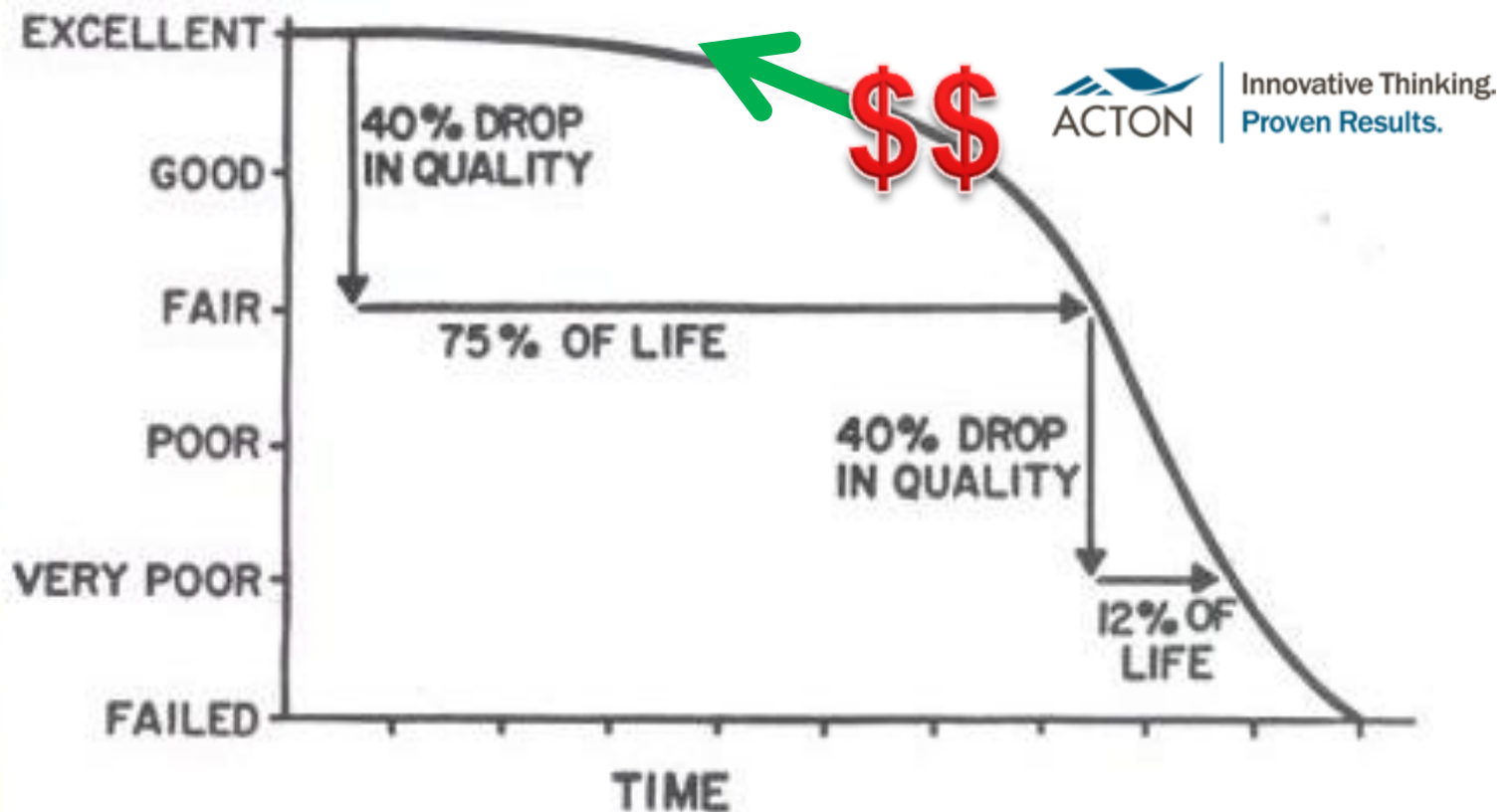
Protect Your Roads.

# Infrastructure Protection

## PROTECT YOUR ROADS

- GOALS:

## Maximize Benefit



Control Your Roads ....

Protect Your Roads.

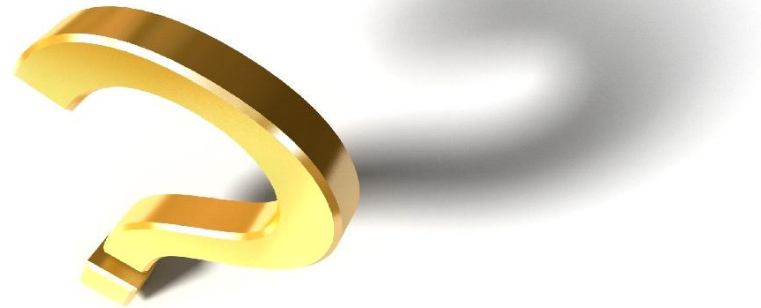
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# Infrastructure Protection

## PROTECT YOUR ROADS

- GOALS:

## Spending Wisely



Where is the best “Bang for the Buck”?

Know Your Roads...

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# Infrastructure Protection

TRAVIS MJ is a powerful tool  
that can IMPROVE your  
Infrastructure Protection!

# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?

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# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?

- Road Use Agreements

- TRAVIS provides a method to require a RUA number to be entered.
    - Add the Horsepower by automating the RUA application process, identifying LSD's and Designated Routes to be used.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

## TRAVIS MJ

- How to “*Supercharge*” TRAVIS MJ?
  - Roadway Inspections
    - Future release of TRAVIS may accommodate.
    - Increase performance by improving cost recovery of road damage, more immediate repairs.
    - Cost Neutral to the Municipality.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

**TRAVIS MJ**

- **How to “Supercharge” TRAVIS MJ?**

- **Designated Routes**

- Can be added as part of Lease Approach Approval application or RUA.
    - Easier to assign responsibility for road damage.
    - One step below bonding.



Know Your Roads...

Control Your Roads ....

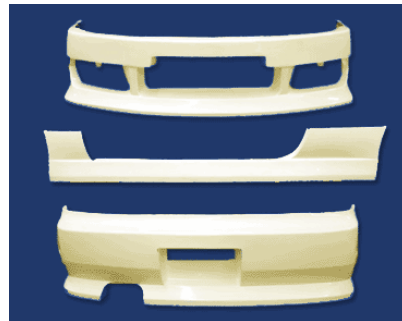
Protect Your Roads.



# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?
  - **Bonding**
    - Allows you to impose restrictions and give the more responsible companies access to move above restrictions.
    - Stop chasing after funds for recovery of damage.
    - Various options depending on Municipal needs.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?

- Data Aggregation

- Compare the data that TRAVIS provides from the permit application with other sources, eg: ERCB drilling report.
    - Powerful enforcement tool.
    - Identify high volume overweight routes to better plan maintenance cycle, road inspection etc.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## TRAVIS MJ

- How to “*Supercharge*” TRAVIS MJ?

- Approval Monitoring

- Best expectation for Auto Approval in TRAVIS is about 70% for most Rural Municipalities.



- Too *few* manual approvals can be problematic.

- Some “simple” applications may still require manual approval.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?

- 24 Hour Service

- TRAVIS is 24 / 7 – Industry is 24 / 7 – Is it anticipated Municipal participation 24 / 7????
    - Increased Availability = Increased Compliance.
    - 44% of permits are obtained during after hours and weekends.



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

**TRAVIS MJ**

- **How to “Supercharge” TRAVIS MJ?**

- **Approach Approvals**

- Extremely cost efficient when combined with a Roadway Inspection Program.
    - Provides a “preview” of activity levels 6 – 12 weeks ahead.
    - Clarifies what road will be accessed for future permit issuing.



Know Your Roads...

Control Your Roads ....

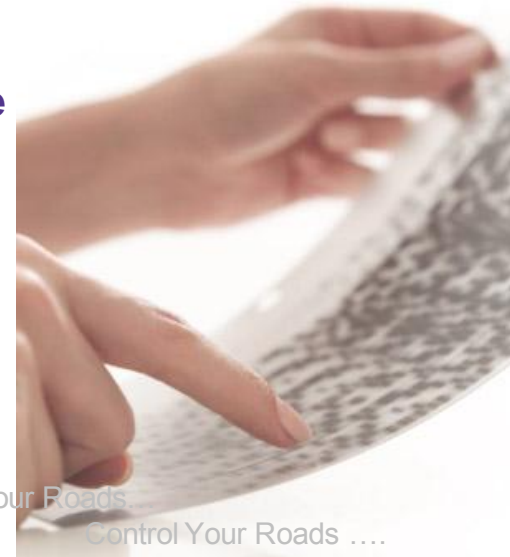
Protect Your Roads.



# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?
  - Consider if a Professional can help
    - Aggregating information
      - Data Download from TRAVIS MJ
      - Various report
        - » Usage
        - » Enforcement
        - » Non-Compliance
        - » Volume
        - » Load Cycles



Know Your Roads.

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?
  - Consider if a Professional can help
    - Combining TRAVIS and NON-TRAVIS services
      - Lease Approach Application
      - Roadway Inspections
      - Road Use Agreements
      - Major Well Servicing



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

## *TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?
  - Consider if a Professional can help
    - Maximize the tools within TRAVIS MJ to the best advantage of the Municipality
      - Manage the data and the permit rules to:
        - » Be more responsive to Industry
        - » Add more power to *your* rules



Know Your Roads...

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Protect Your Roads.

# Infrastructure Protection

*TRAVIS MJ*

- How to “*Supercharge*” TRAVIS MJ?
  - Consider if a Professional can help
    - Maximize the benefit from the revenue sharing received from the Province
    - Perform services at a lower cost



Know Your Roads...

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Protect Your Roads.



# Infrastructure Protection

It is a combination of knowledge  
and tools that provides the  
greatest power.





# Infrastructure Protection

TRAVIS MJ is a powerful tool  
but only one of many.



# Infrastructure Protection

For all Municipalities there will be changes needed



# Infrastructure Protection

- What is TRAVIS Replacing?
- TRAVIS Replaces the Phone Call



**Your  
Municipality**



**Permit**





# Infrastructure Protection

Who will perform these new  
required functions?



# Infrastructure Protection

## Be Ready for TRAVIS MJ





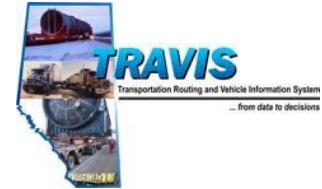
# Infrastructure Protection

## Transition of Municipal Information into TRAVIS MJ



# Infrastructure Protection

## *Transition into TRAVIS MJ*



- Be ready for quick and easy implementation.
- Plan ahead – know what you can do with this new tool.
- Should I implement other “Protection” related processes or policies?
  - Road Use Agreements
  - Bonding
  - Inspections



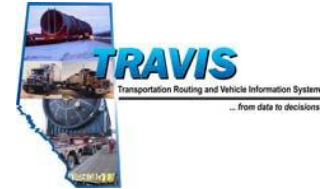
Know Your Roads...

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# Infrastructure Protection

## *Transition into TRAVIS MJ*



- Do I have my GIS map data?
  - How current is it
  - Surfaces, Width etc
- Do I want to control weight on certain axle groups? eg: 24 wheel Tridem
- Do I have current Bridge Information?
  - Weight Restrictions
  - Vertical Restrictions
- Do I have any other “dimension” related problem areas?

Know Your Roads...

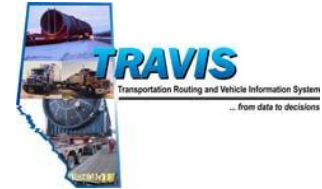
Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## *Transition into TRAVIS MJ*



### – Do I have defined rules for:

- Industrial parks
- Poor Structure Roads
- “Access only” routes
- Truck Routes
- Non-Truck Routes
- Subdivision Access
- Road Ban access
- Gross weight limits



Know Your Roads...

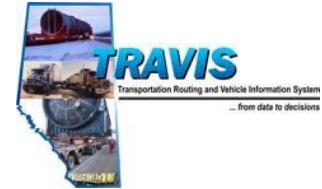
Control Your Roads ....

Protect Your Roads.



# Infrastructure Protection

## *Transition into TRAVIS MJ*



### – Do I have Permit Policy?

- Movement of Drilling Rigs
  - Advanced Notification needed
  - Inspection
  - Conditions for Movement
- Commodity Specific Policy
  - Buildings
  - Compressors
- Configuration Policy
- Gross Weight – eg: over 100,000kg



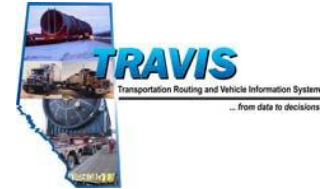
Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## *Transition into TRAVIS MJ*



- What will be required to put all this information together
  - Staff Time
  - External resources
- Should I consider a contractor to assist us to prepare for this Transition
  - Existing policy
  - New policy
  - Maximize Benefit
  - Minimize cost



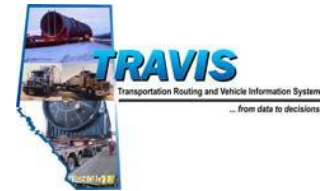
Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

## *Transition into TRAVIS MJ*



- Do I know how I will process requests in the event TRAVIS MJ is not available?
- Do I know how I am going to handle any applications that come in after hours & on weekends?
  - Staff Time
  - External resources



Know Your Roads...

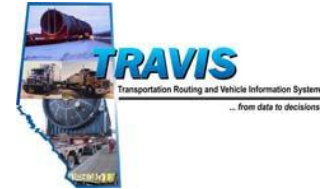
Control Your Roads ....

Protect Your Roads.

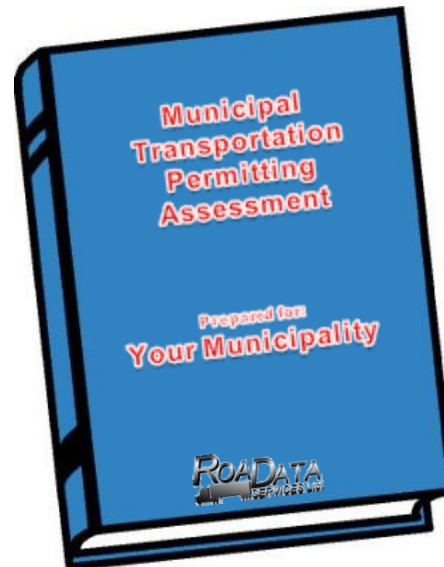


# Infrastructure Protection

## *Transition into TRAVIS MJ*



### – Municipal Transportation Permitting Assessment



Know Your Roads...

Control Your Roads ....

Protect Your Roads.





# Infrastructure Protection

TRAVIS MJ in any Municipality will only be as good as the **data** and the **rules** that are put into it.

It is an opportunity for Municipalities to “**supercharge**” the protection factor but **only** if it is done correctly.





# Infrastructure Protection

- RDS can help
  - 15+ Years of Experience
  - 24 Hour Call Centre
  - Only Agent with TRAVIS MJ experience
  - Original TRAVIS Agent Partner with Alberta Transportation
  - Currently partnered with almost ½ of ALL Rural Municipalities
  - Various Service Levels available



Know Your Roads...

Control Your Roads ....

Protect Your Roads.

# Infrastructure Protection

- RDS can help



- We are your Infrastructure Protection Experts
- Let us “Supercharge” TRAVIS to more effectively:

***Know your Roads...***

***Control Your Roads...***

***Protect Your Roads***

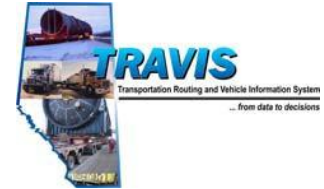
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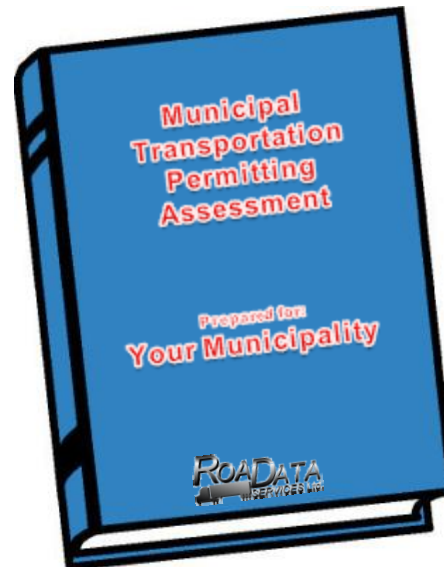
Protect Your Roads.

# Infrastructure Protection

## *Transition into TRAVIS MJ*



### – Municipal Transportation Permitting Assessment



Know Your Roads...

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# Infrastructure Protection

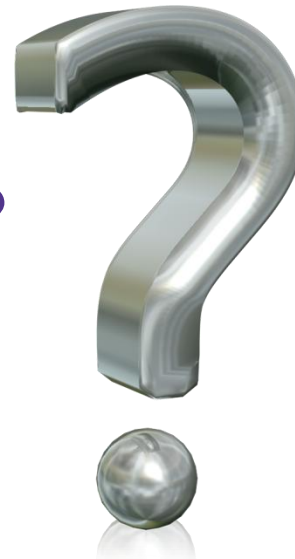
*TRAVIS MJ*



- RDS can help

- **Thank You**

- **Questions?**



Know Your Roads...

Control Your Roads ....

Protect Your Roads.

