

Road Redevelopment Plan Planning Update

Annual Meeting of the Electors – Spring 2016

19 April, 2016



Agenda

- Background
- Road Basics
- Activity To-Date
- Activity Going Forward
- Next 120 Days



Background

- Roads are our most important infrastructure asset
- Most common complaint from electors is “roads.....”
- Budget makes it impossible to adequately maintain
- *Continuing on current path will not yield better results*
 - *We need a ‘redevelopment’ strategy for our roads*



Road Basics

- 120 Town Roads, approximately 93 miles
 - Approximately 45, or 26 miles are unpaved, and
 - Approximately 75, or 67 miles are paved
- Many roads have not been resurfaced in >25 years
- Type & volume of traffic varies significantly
- Paved Roads have a 25-30 year life, function of usage
- Approximate Road 'paving' costs (per mile)
 - Gravel \$40,000
 - Chip Seal \$95,000
 - Asphalt \$155,000



Activity To-Date

- Road Inventory
 - AUG/SEP 2015
- Preliminary Redevelopment (ROM*) Cost Estimate
 - SEP/OCT 2015
- Presented Issue & Concept to Electors
 - DEC 2015
 - Agreed to Move Forward
- Rank & Prioritize Roads
 - JAN/FEB 2016
- Road Condition / Workslope Assessment
 - Tier 1 / Tier 2 MAR/APR 2016



* Rough Order of Magnitude

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Rating (Raw Score)

- TRAFFIC
- OCCUPANCY
- CONDITION
- 1-5 score

ROAD NAME	SURFACE TYPE			RATING			
	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Score
Ada Street		0.25		1	1	2	4
Airport Road (gravel)	1.00			2	1	4	7
Airport Road (paved)			1.45	5	5	2	12
Allen Road		0.68		5	5	5	15
Allequash Lake Road		0.94		2.0	0.5	4.0	6.5
Annes Place		0.14		2	1	2	5
Arrowhead Drive	0.15	0.45		2	3	3	8
Bakken Road (East)		1.07		3	3	4	10
Bakken Road (West)		2.15		3	3	3	9
Balsam Lane	0.35			1	1	3	5
Bass Lake Road	0.41			1	1	3	5
Bear Lake Road			3.26	3	3	1	7
Ben Bendrick Drive (Lake Shore Drive)			1.70	4	3	2	9
Big Muskellunge Road	0.50	1.00	0.50	5	3	4	12
Birch Drive	0.25			1	1	2	4
Birch Point Lane	0.19			1	1	3	5



Ranking (Condition Weighted)

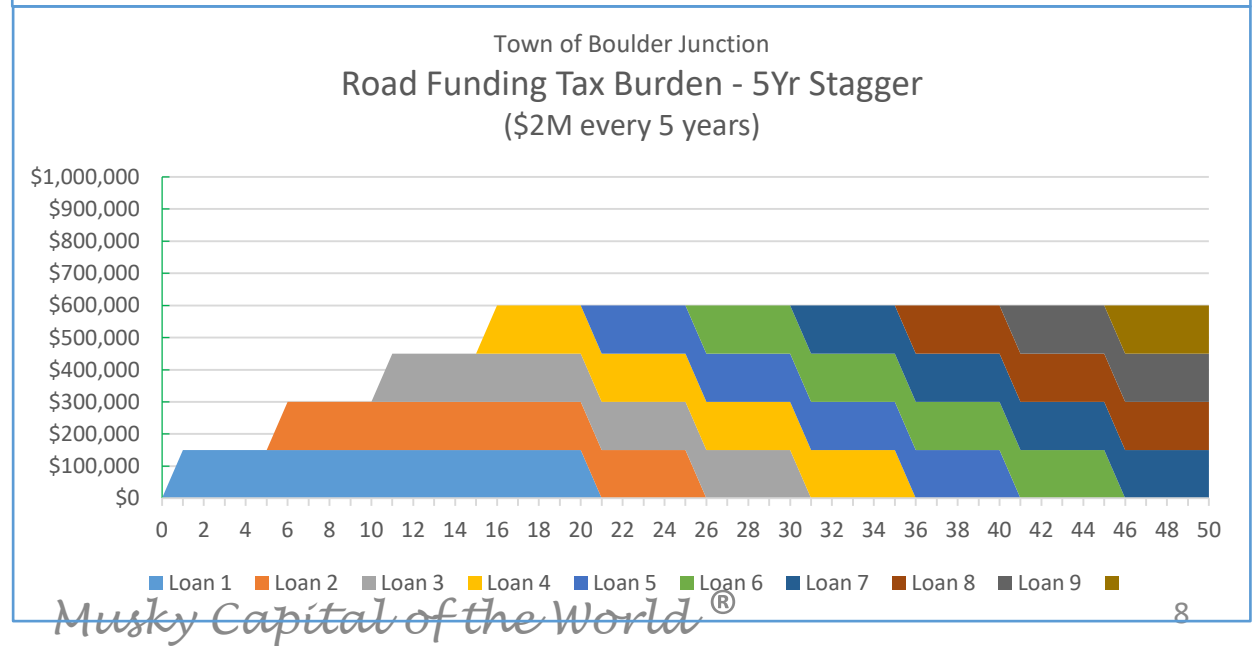
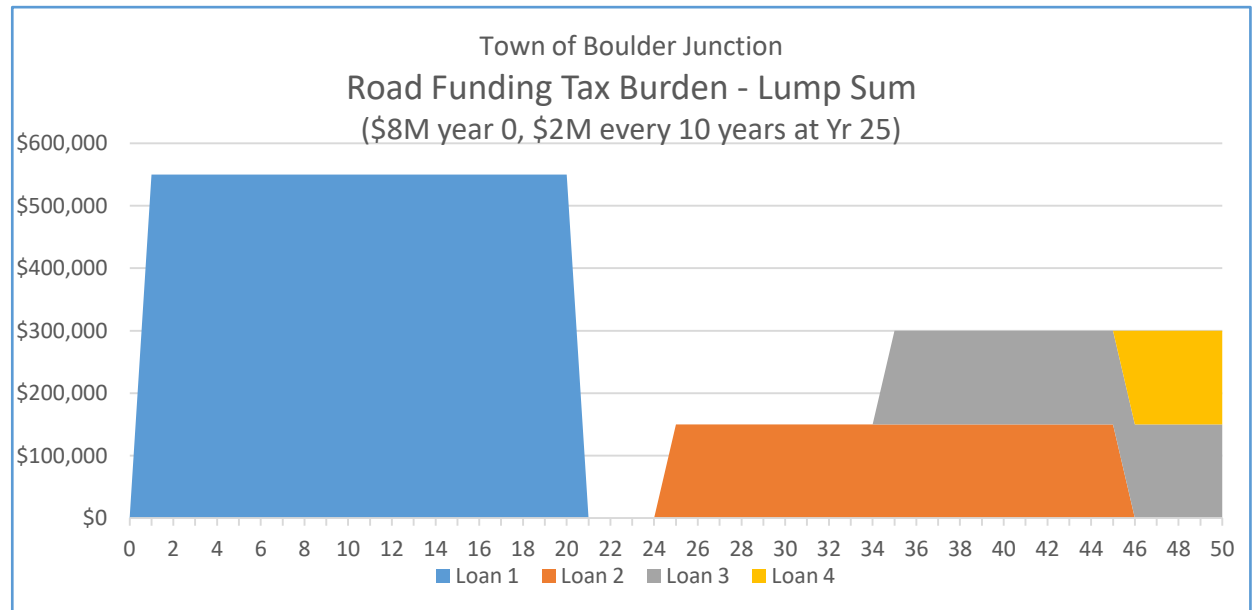
- Tier 1
 - >4 Condition
 - >10 Overall
- Tier 2
 - >3 Condition
 - >7 Overall
- Tier 3, Tier 4
- Tier 5

PLAN		SURFACE TYPE			RATING				WORK SCOPE				
PHASE	ROAD NAME	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Score	Surface	Expansion	Bridge / Culvert	Safety	Drainage
1	Allen Road		0.68		5	5	5	15	N	BL/BT		X	X
1	Bakken Road (East)		1.07		3	3	4	10	C/N?				
1	Big Muskellunge Road	0.50	1.00	0.50	5	3	4	12	C			X	
1	Concora Road		0.80		3	3	5	11	C	X	X	X	X
1	Fallon Road		2.08		5	5	4	14	N				
1	Fishtrap Lake Road		2.04		5	5	5	15	A/N	TO?	X	X	
1	Harmony Point Lane		0.60		2	3	5	10	N		?		
1	High Lake Road (after Ridge)		1.30		3	3	5	11	N/C			X	?
1	Highland Drive		0.28		3	3	4	10	N		X	X	X
1	High Pines Lane		1.10		3	4	4	11	C/N	X	X		
1	Island Lake Road		1.28		4	5	4	13	N				
1	Kern Lane		1.10		3	4	5	12	C				
1	Newcomb Lane		3.50		5	5	5	15	A		X	X	X
1	North Creek Road		4.57		5	5	5	15	N/C	BL/BT		X	X
1	Old K Road		2.79		3	3	5	11	A/C	BT/BL			
1	Rudolph Lake Lane		0.60		3	4	5	12	C	BL/BT		X	X
1	Shamrock Lane		0.40		3	4	4	11	C	?	?		X
1	Shore Drive		1.03		2	3	5	10	C	TO			
1	Wool Lake Lane		0.76		3	3	4	10	C				
19	Total Roads Total Mileage	0.50	26.98	0.50	30.0%								
2	Airport Road (gravel)	1.00			2	1	4	7	C				
2	Arrowhead Drive	0.15	0.45		2	3	3	8					
2	Bakken Road (West)		2.15		3	3	3	9					
2	Boulder Lane		0.40		1	3	4	8	N				



Funding Scenarios

- Lump Sum versus Incremental
- Incremental
 - Same amount versus variable amount
- Top level represents
 - \$1 per \$1000 of valuation



Activity Going Forward*

- Complete Workscope Assessment thru Tier 4
 - MAY/JUN 2016
- Review Redevelopment Plan w/Paving Company
 - MAY 2016
- Update Redevelopment Cost Estimate w/Paving Company
 - MAY/JUN 2016
- Develop Financing Strategies/Options
 - JUL/AUG 2016
- Present Road Redevelopment Data in Special Town Meeting
 - SEP 2016
- Next Step TBD



*Assumes Electors still support

Road Redevelopment Plan Data

- Will Maintain Data on Town Website
 - Initial Briefing (DEC 2015, PowerPoint)
 - Status Briefing (APR 2016, PowerPoint)
 - 2 Road Inspection Notes (MAR/APR 2016, MS Word)
 - Road Inventory/Ranking (MS Excel)
- Recognize these are all 'in process' Documents
 - Updates will occur, these are working documents
- Feedback Welcome



Question to You

- Are we still moving forward??



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