

Town Road Improvement Project Plan

- Opening Comments
 - The information to be presented is based upon the Town Road Redevelopment workbook that was created in 2015 and posted on the town website Dec 3, 2015.
 - The approach to be discussed is only a proposal.
 - Next steps need to be determined by you the board. I'll do what I can do to help at your direction.

Town Road Improvement Project Plan

AGENDA

- Project Strategy
- Project Proposal
 - Deliverables
 - Road Survey Overview (Dec 3, 2015)
 - Road Survey Preliminary Analysis
 - Communication Plan
- Analysis Comments
- Next Steps

Town Road Improvement Project Plan

Project Strategy:

The proposed Boulder Junction Town Road Improvement Project plan will consist of three components:

Data Analysis,
Option Creation,
and Communication.

Town Road Improvement Project Plan

Project Proposal

Deliverables:

Prepare two to three possible town road improvement project options for Town of Boulder Junction electors' consideration.

Prepare a communication plan for the sharing of project information with the community at large and to help the electors make an informed decision (vote) if and when the project is presented for approval.

Town Road Improvement Project Plan

Project Proposal

Road Survey Overview:

There are five major parts to the survey.

Road Category

Surface Type

Road Rating

Road Resurface Options

Average Road Improvement Costs

Town Road Improvement Project Plan

Road Survey Overview:

– Road Categories and Color Key:

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN		
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt



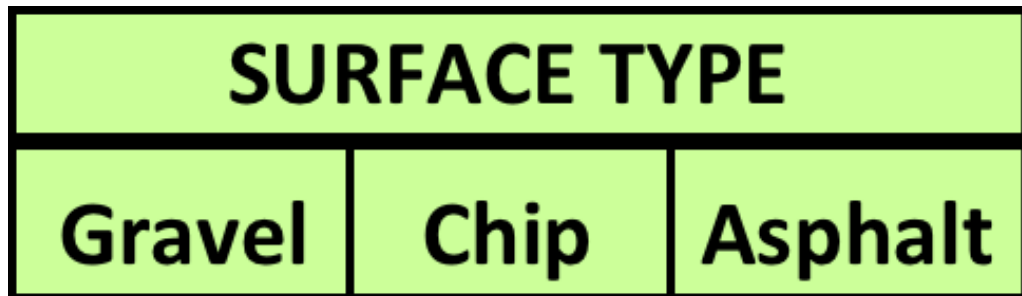
ROAD CATEGORIES	
1	Recently Updated, Or in Good Condition - No work planned
2	Paved Road, repaving planned, same surface
3	Paved Road, repaving planned, new surface
4	Existing Gravel Road, planned upgrade to pavement
5	Existing Gravel Road, general grading and gravel
6	Existing Gravel Road/Fire Road - No Plans

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Road Survey Overview:

– Surface Type:

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN		
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt



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Road Survey Overview:

– Road Rating:

Note this column is on a separate worksheet in the Dec 3, 2015 workbook

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN		
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt



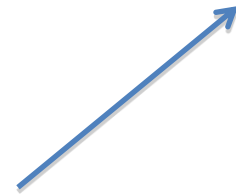
RATING			
Traffic	Occupancy	Condition	Priority
5	5	5	15

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Road Survey Overview:

– Road Resurface Options:

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN		
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt



RESURFACE PLAN		
Gravel	Chip	Asphalt
	0.64	1.40

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Road Survey Overview:

– Average Road Improvement Costs:

Existing Surface	PAVING COST PER MILE		
	GRAVEL	CHIP SEAL	ASPHALT
GRAVEL	\$40,000	\$60,000	\$155,000
CHIP SEAL	\$-	\$95,000	\$155,000
ASPHALT	\$-	\$-	\$155,000

Note: Found on the bottom of the spreadsheet. The chart could not be printed in the handout due to how the spreadsheet was formatted.

Town Road Improvement Project Plan

Project Proposal

Road Survey Preliminary Analysis:

- All costs are budgetary only
 - Exhibit I – Priority Ranking
 - Exhibit II – Category & Pavement Type
 - Exhibit III – Priority Grouping

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN			RESURFACE	ACCUM.
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt	COST EST	COST EST
3	Allen Road	0.68	0.68		0.68		5	5	5	15		0.00	0.68	\$158,100	\$158,100
3	Fishtrap Lake Road	2.04	2.72		2.04		5	5	5	15		0.64	1.40	\$255,400	\$413,500
3	Newcomb Lane	3.50	6.22		3.50		5	5	5	15			3.50	\$542,500	\$956,000
3	North Creek Road	4.57	10.79		4.57		5	5	5	15			4.57	\$708,350	\$1,664,350
3	Fallon Road	2.08	12.87		2.08		5	5	4	14			2.08	\$322,400	\$1,986,750
2	Island Lake Road	1.28	14.15		1.28		4	5	4	13		1.28		\$121,600	\$2,108,350
2	High-Fishtrap Lake Road	1.10	15.25			1.10	5	5	3	13			1.10	\$255,750	\$2,364,100
4	Big Muskellunge Road	2.70	17.95	1.20	1.00	0.50	5	3	4	12		2.20		\$167,000	\$2,531,100
2	Kern Lane	1.10	19.05		1.10		3	4	5	12		1.10		\$104,500	\$2,635,600

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Road Survey Preliminary Analysis:

PLAN		Length		SURFACE TYPE			RATING				RESURFACE PLAN			RESURFACE
CAT	ROAD NAME	Miles	Accum.	Gravel	Chip	Asphalt	Traffic	Occupancy	Condition	Priority	Gravel	Chip	Asphalt	COST EST
3	Fishtrap Lake Road	2.04	2.72		2.04		5	5	5	15		0.64	1.40	\$255,400

% of Dollars	Accum. Miles	%	Cost by 20% Increments
41%	19.05	20	\$2,635,600
22%	36.81	20	\$1,413,450
16%	55.58	20	\$1,040,400
11%	74.35	20	\$683,950
10%	92.29	20	\$617,900
		100	\$6,391,300

Note: Total cost is for Town Roads only, Easement Roads were not included.

Town Road Improvement Project Plan

Project Proposal

Communication Plan:

General Communication – January

“Information Wall” – Community Center

Road Building 101 – Road Building Fact Sheet

Boulder Junction Town Road Map

Population Centers

Road Survey Overview

Town Road Improvement Project Plan

Communication Plan:

General Communication – February

Survey Analysis

Initial Option Creation

Cost Information Updates

Town Road Improvement Project Plan

Communication Plan:

Specific Communication – March

Option & Cost Completion

Borrowing and initial tax levy analysis

Public Information Meetings

Project Overview

Option Review and Feedback

Three Question Face-to-Face Survey:

What do you like about this option?

What concerns do you have about this option?

How can we make it better?

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Communication Plan:

Specific Communication – April

Public Information Meeting Results

Cost Confirmation

Town Board Meeting: “Next Steps”

Board presentation at the April Meeting of the Electors

Town Road Improvement Project Plan

Analysis Comments:

- The proposal is focused on creating a plan for presentation at the April Meeting of Electors. Additional planning time might be warranted to:
 - Get summer resident input
 - Complete engineering work and get contractors input
 - Complete cost analysis for 2018 budget
- Proposal is separate from Road Maintenance Budget
- All costs are estimates for budgeting purposes only. Additional analysis, engineering and contractor input will be required to complete the final plan.

Town Road Improvement Project Plan

Next Steps:

What suggestions / comments do you have?

How do you want to move forward?