

Minutes of the **SPECIAL COUNCIL MEETING** of the **DISTRICT OF MISSION COUNCIL** held in the Conference Room of the Municipal Hall, 8645 Stave Lake Street, Mission, British Columbia, on April 6, 2009 commencing at 4:30 p.m.

Council Members Present: Mayor James Atebe
Councillor Terry Gidda
Councillor Paul Horn
Councillor Danny Plecas
Councillor Mike Scudder
Councillor Heather Stewart

Council Members Absent: Councillor Jenny Stevens

Staff Members Present: Glen Robertson, chief administrative officer
Dennis Clark, director of corporate administration
Ken Bjorgaard, director of finance
Rick Bomhof, director of engineering and public works
Matt Dunham, superintendent of roads & drainage
Bob Blumenauer, roads & drainage technician
Kim Tvergyak, administrative clerk

A. DISTRICT OF MISSION 2009 PAVEMENT MANAGEMENT SYSTEM STUDY

1. Presentation by EBA Engineering Consultants Ltd.

The Mayor welcomed Mr. Gary St. Michel, Technical Director, Asset Management Group and Dave Firbank from EBA Engineering and stated that the purpose of today's meeting was to discuss the District's pavement management for minor and major roads in Mission.

Mr. St. Michel stated that EBA has been working with Municipalities since 1992. They use a modeling method to predict the rate of deterioration of pavement. Bob Blumenauer from the District of Mission stated that they have been collecting data on the roads since 2002 and that every five years data is collected.

The objective of the study is to update the analysis to reflect current construction pricing, and determine the optimal annual funding level that will indefinitely sustain the quality and value of the pavement network.

The main points of the presentation were:

- The District of Mission has approximately 282 km of paved road network. All data is given an ACA (All Cracked Area) rating as a measure of pavement condition, with 0%-1% being very good and 30%-100% being very poor. Roads with an ACA of under 30% can be maintained and should be repaired. Roads with an ACA of over 30% should be left until they deteriorate to a point when they should be replaced as it would be too costly to keep up on the repairs. Most of the District's budget is spent on maintaining major roads and

it would be relatively easy to spend an entire budget on only filling potholes each year.

- As roads deteriorate the cost to upkeep increases over time. With an analysis of the data, the study comes up with a combination of treatments called a strategy. There are thousands of strategies in the data base each one with a set of costs associated with them as well as the benefits.
- Currently the cost to replace Mission's minor roads is \$55 million and major roads \$50.9 million.
- The District of Mission's total annual rehabilitation budget is \$1 million which includes \$650,000 for paving and \$350,000 for repairs.
- EBA recommended an immediate increase "Hold the Line" to a total of \$3 million per year (\$2M-paving, \$1M-repairs), this will decrease the amount we would have to spend in repairs (potholes) over the next ten to fifteen years.
- EBA also provided a scenario of "Hold the Line – Ramp up" to \$3.4M over three years.
- In conclusion EBA recommended total funding (Hold the Line) of \$3M/year which would keep our asset value at a consistent level. If we were to stay at our current rate our budget of \$1M would be used for constant repairs only.

The mayor and council thanked Mr. St. Michel for the presentation and opened the floor for questions.

Councillor Horn asked finance for funding options, what strategy would the District of Mission employ and what would be the pros and cons from a finance perspective and the difference between ramping up versus the more immediate approach.

Councillor Horn asked the engineering and public works department to prioritize how much needs to be done right now and in the future.

Director of Finance Ken Bjorgaard asked if the data collected was from public works, what system do they use to collect the data and how reliable it was.

Bob Blumenauer stated that they use a system called Micropaver. Staff physically took samples of a section of road and extrapolated over the entire surface. The data the District of Mission collected and analyzed matched almost identically to what EBA had. Mr. Blumenauer stated that he felt very confident in the District's system.

Councillor Scudder stated that he would like to see a plan in place that can be made public for new roads being put in and for the replacement of existing roads. This would cut down on existing roads being cut up to put in sewer lines, water lines, hydro etc., after the fact, which would increase the longevity of the roads.

Mayor Atebe stated that the District of Mission needs to have a proactive plan for not only maintaining but to also look at balancing paving and planning ahead. There needs to be a master plan for the most expensive asset we have in this community.

Staff were directed to provide a report containing the following information:

1. Funding Options (Help from other levels of government)
2. Potential Options and strategies.
3. Project list of prioritization

2. ADJOURNMENT

Moved by Councillor Horn, seconded by Councillor Gidda, and

RESOLVED: That the meeting be adjourned.
CARRIED

The meeting was adjourned at 5:45 p.m.



JAMES ATEBE, MAYOR

DENNIS CLARK, DIRECTOR OF CORPORATE
ADMINISTRATION