

***MEMORANDUM***

TO: Mayor Shaw/ City Council Members

FROM: Rich Sagen, Transit Manager

DATE: January 12, 2004

RE: Trial Bus service

I have attached for your information and review, cost estimates to provide a trial bus route for areas of Rapid City presently not served by existing RapidRide routes. I have provided you with two cost scenarios, one detailing the south loop only and the second detailing the south and north loops. As indicated in the estimates the cost to provide the north end of the loop is very minimal. Please feel free to contact prior to the Monday night City Council meeting if you have any questions or should you require any additional information. Thank you.

## **RAPIDRIDE CONNECTOR**

**System Features:** South/North loops connecting to existing routes  
**Hours of Operation:** 7:00 AM - 4:10 PM  
**Number of laps:** 16 (8 laps each direction, South & North)  
**Frequency of service:** 35 minute headways per each direction  
**Service interval:** 70 minutes (see attached time tables)  
**Service area:** See attached maps

### **CONNECTOR ROUTE COST: Trial Period (3/1-7/31)**

<b>Estimated Operating Cost (Budget authority):</b>	<b>\$33,300</b>
<b>Less estimated farebox rev:</b>	<b>\$ 6,600</b>
<b>Less FTA 5307 Fed funds (50%):</b>	<b>\$13,350</b>
<b>Total Local Funds (50%):</b>	<b>\$13,350</b>
<b>Estimated Capital Cost:</b>	<b>\$0</b>

**NOTE:** During trial period use existing vehicle, future capital costs will be incurred if route made permanent. Please refer to 1/11/05 Public works document for capital cost estimate.

**TOTAL LOCAL OUTLAY** **\$13,350**

**IMPLEMENTATION DATE:** **March 1, 2005**

## **RAPIDRIDE CONNECTOR**

**System Features:** South loop connecting to existing routes  
**Hours of Operation:** 7:00 AM – 3:35 PM  
**Number of laps:** 8  
**Trip Headways:** 35 minute headways  
**Service interval:** 70 minutes (see attached time tables)  
**Service area:** See attached map

### **CONNECTOR ROUTE COST: TRIAL PERIOD (3/1-7/31)**

<b>Estimated Gross Operating Cost:</b>	<b>\$25,000</b>
<b>Less estimated farebox rev:</b>	<b>\$ 5,000</b>
<b>Less FTA 5307 Fed funds (50%):</b>	<b>\$10,000</b>
<b>Total Local Funds (50%):</b>	<b>\$10,000</b>

**Estimated Capital Cost:** \$0

**NOTE:** During trial period use existing vehicle, future capital costs will be incurred if route made permanent.

**TOTAL LOCAL OUTLAY** \$10,000

**IMPLEMENTATION DATE:** March 1, 2005