

**SOUTH SLOPE AREA
2007 ROADWAY CAPITAL IMPROVEMENT
PROGRAM COST ESTIMATE**



**ADOPTED BY GEM COUNTY
BOARD OF COUNTY COMMISSIONERS**

October 2007

Exhibit A

SOUTH SLOPE AREA

2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM

COST ESTIMATE

Location: South Slope Area

Study Boundary:

- North: Payette River
- South: Ada/ Canyon County Line
- West: 1-mile West of and parallel to Little Freezeout Road to Canyon County Line
- East: State Highway 16 and City of Emmett

Roadway Engineering/Construction Costs

<u>Classification</u>	<u>Length</u>	<u>Cost/Mile</u>	<u>Total</u>
Local	11.44 Miles	\$760,000	\$8,694,400
Minor Collector	13.22 Miles	\$950,000	\$12,559,000
Major Collector	5.28 Miles	\$1,300,000	\$6,864,000
		Sub Total	<u>\$28,117,400</u>

Intersection Improvement Costs

<u>Location</u>	<u>Cost</u>
SH-52 and Toms Cabin Road	\$250,000
	Sub Total <u>\$250,000</u>

Right of Way Costs

Right of Way acquisition: 93.94 acres @ \$100,000/acre \$9,394,000

Other

Share of CIP Study Fee \$3,100

Capital Improvement Cost Total \$37,764,500

Based on a combined capacity of 36,500 vpd level of service threshold, cost per vehicle trip = \$1,035.

For a typical single family residential development (9 trips/lot), **cost per lot = \$9,315.**

Note: Assumes 2 major collector outlets at 8,500 vpd, 3 minor collector outlets at 6,500 vpd, for a total of 36,500 vpd.

Exhibit B
SOUTH SLOPE AREA
2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM
MAP OF CIP AREA

