

**SHALEROCK AREA
2007 ROADWAY CAPITAL IMPROVEMENT
PROGRAM COST ESTIMATE**



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

October 2007

Exhibit A

SHALEROCK AREA

2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM

COST ESTIMATE

Location: Shaleroack Area

Study Boundary:

- North: State Highway 52
- South: 1-mile South of and Parallel to Shaleroack Road extended to State Highway 16
- West: City of Emmett and Payette River
- East: Boise County Line

Roadway Engineering/Construction Costs

<u>Classification</u>	<u>Length</u>	<u>Cost/Mile</u>	<u>Total</u>
Local	9.21 Miles	\$760,000	\$6,999,600
Minor Collector	7.32 Miles	\$950,000	\$6,954,000
Major Collector	5.21 Miles	\$1,300,000	\$6,773,000
		Sub Total	\$20,726,600

Intersection Improvement Costs

<u>Location</u>	<u>Cost</u>
SH-52 and Montour Rd (1/2) ¹	\$125,000
SH-52 and Old Dam Rd	\$250,000
	Sub Total \$375,000

Right of Way Costs

Right of Way acquisition: 69.36 acres @ \$50,000/acre \$3,468,000

Other

Share of CIP Study Fee \$2,000

Capital Improvement Cost Total \$24,571,800

Based on a combined capacity of 25,500 vpd level of service threshold, cost per vehicle trip = \$964.

For a typical single family residential development (9 trips/lot), **cost per lot = \$8,676.**

Note: Assumes 3 major collector outlets at 8,500 vpd each, for a total of 25,500 vpd.

¹ Intersection costs split with Sweet CIP Area

Exhibit B
SHALEROCK AREA
2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM
MAP OF CIP AREA

