

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



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

**October 2007**

# Exhibit A

## PEARL AREA

### 2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM COST ESTIMATE

**Location:** Pearl Area

**Study Boundary:**

- North: 1-mile South of and Parallel to Shaleroak Road extended to State Highway 16
- South: Ada County Line
- West: State Hwy 16
- East: Boise County Line

**Roadway Engineering/Construction Costs**

<u>Classification</u>	<u>Length</u>	<u>Cost/Mile<sup>1</sup></u>	<u>Total</u>
Local	27.54 Miles	\$870,000	\$23,959,800

<sup>1</sup> Includes Haul Costs

**Right of Way Costs**

Right of Way acquisition: 33.38 acres @ \$20,000/acre \$667,600

**Other**

Share of CIP Study Fee \$2,100

**Capital Improvement Cost Total \$24,629,500**

**Based on a combined capacity of 8,000 vpd level of service threshold, cost per vehicle trip = \$3,079.**

For a typical single family residential development (9 trips/lot), **cost per lot = \$27,711.**

**Note:** Assume 4 local outlets at 2,000 vpd each for a total of 8,000 vpd.

**Exhibit B**  
**PEARL AREA**  
**2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM**  
**MAP OF CIP AREA**

