

**SWEET-OLA AREA  
2007 ROADWAY CAPITAL IMPROVEMENT  
PROGRAM COST ESTIMATE**



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

**October 2007**

# Exhibit A

## SWEET-OLA AREA 2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM COST ESTIMATE

**Location:** Sweet-Ola Area

**Study Boundary:**

- North: Adams County Line
- South: State Highway 52
- West: Washington County Line (N) and Squaw Ridge
- East: Valley County Line (N) and Boise County Line

**Roadway Engineering/Construction Costs**

<u>Classification</u>	<u>Length</u>	<u>Cost/Mile</u>	<u>Total</u>
Local	25.34 miles	\$760,000	\$19,258,400
Minor Collector	21.78 miles	\$950,000	\$20,691,000
Major Collector	2.81 miles	\$1,300,000	\$3,653,000
Major Collector Partial <sup>1</sup>	18.66 miles	\$1,000,000	\$18,660,000
Sub Total			\$62,262,400

<sup>1</sup> Partial Reconstruction

**Intersection Improvement Costs**

<u>Location</u>	<u>Cost</u>
SH-55 and Sweet Ola Hwy	\$250,000

**Right of Way Costs**

Right of Way acquisition: 90.33 acres @ \$20,000/acre	\$1,806,600
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**Other**

Share of CIP Study Fee	\$5,300
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**Capital Improvement Cost Total \$64,324,300**

**Based on a combined capacity of 38,500 vpd level of service threshold,  
cost per vehicle trip = \$1,671.**

For a typical single family residential development (9 trips/lot), **cost per lot = \$15,039.**

**Note:** Assumes 2 major collector outlets at 8,500 vpd, 3 minor collector outlets at 6,500 vpd, and 1 local outlet at 2,000 vpd for a total of 38,500 vpd.

**Exhibit B**  
**SWEET-OLA AREA**  
**2007 ROADWAY CAPITAL IMPROVEMENT PROGRAM**  
**MAP OF CIP AREA**

