RAVALLI COUNTY ROAD DEPARTMENT
PROJECT COST ESTIMATE

Project: Old Corvallis Road/Fairgrounds Intersection Paving Project
Date: 8/16/2012
By: Eric Anderson
Construction Time: 3 Days
Estimate By: Eric Anderson

COUNTY COST
*Scenario 1: Using Standard RCRBD Rental & Labor Rates**

Equipment/Personnel	Quantity		Rate		Total Time		Total Cost
Dump Truck	3	units	$48.18	/hr	36	hrs	$1,734.48
Water Truck	1	units	$53.65	/hr	4	hrs	$214.60
Backhoe	1	units	$18.63	/hr	6	hrs	$111.78
Loader	1	units	$40.55	/hr	16	hrs	$648.80
Roller	1	units	$51.10	/hr	16	hrs	$817.60
Paver	1	units	$132.52	/hr	8	hrs	$1,060.16
Skid Steer w/ Mill Head	2	units	$9.48	/hr	8	hrs	$75.84
Laborer (Traffic Control)	3	people	$22.14	/hr	56	hrs	$1,239.84
Operator Hours	4	people	$28.74	/hr	70	hrs	$2,011.80
Driver Hours	3	people	$28.74	/hr	40	hrs	$1,149.60
Administrator Hours	1	people	$33.04	/hr	3	hrs	$99.12

*Standard RCRBP rental rates include fuel cost.

Equipment Total **$4,663.26**
Labor Total **$4,500.36**
Total Potential COUNTY Cost **$9,163.62**

COUNTY COST
*Scenario 2: Using Fuel Usage Only***

Equipment/Personnel	Quantity		Total Time		Total Cost
Dump Truck ($3.28/gal for red & 5 mpg)	40	miles			$26.24
Water Truck (1 load)	1	units	4	hrs	$13.12
Backhoe (4 gph)	1	units	6	hrs	$78.72
Loader (5 gph)	1	units	12	hrs	$196.80
Steel Drum Roller (4 gph)	1	units	6	hrs	$78.72
Paver (3 gph)	1	units	8	hrs	$104.96
Skid Steer w/ Mill Head (4 gph)	1	units	8	hrs	$104.96

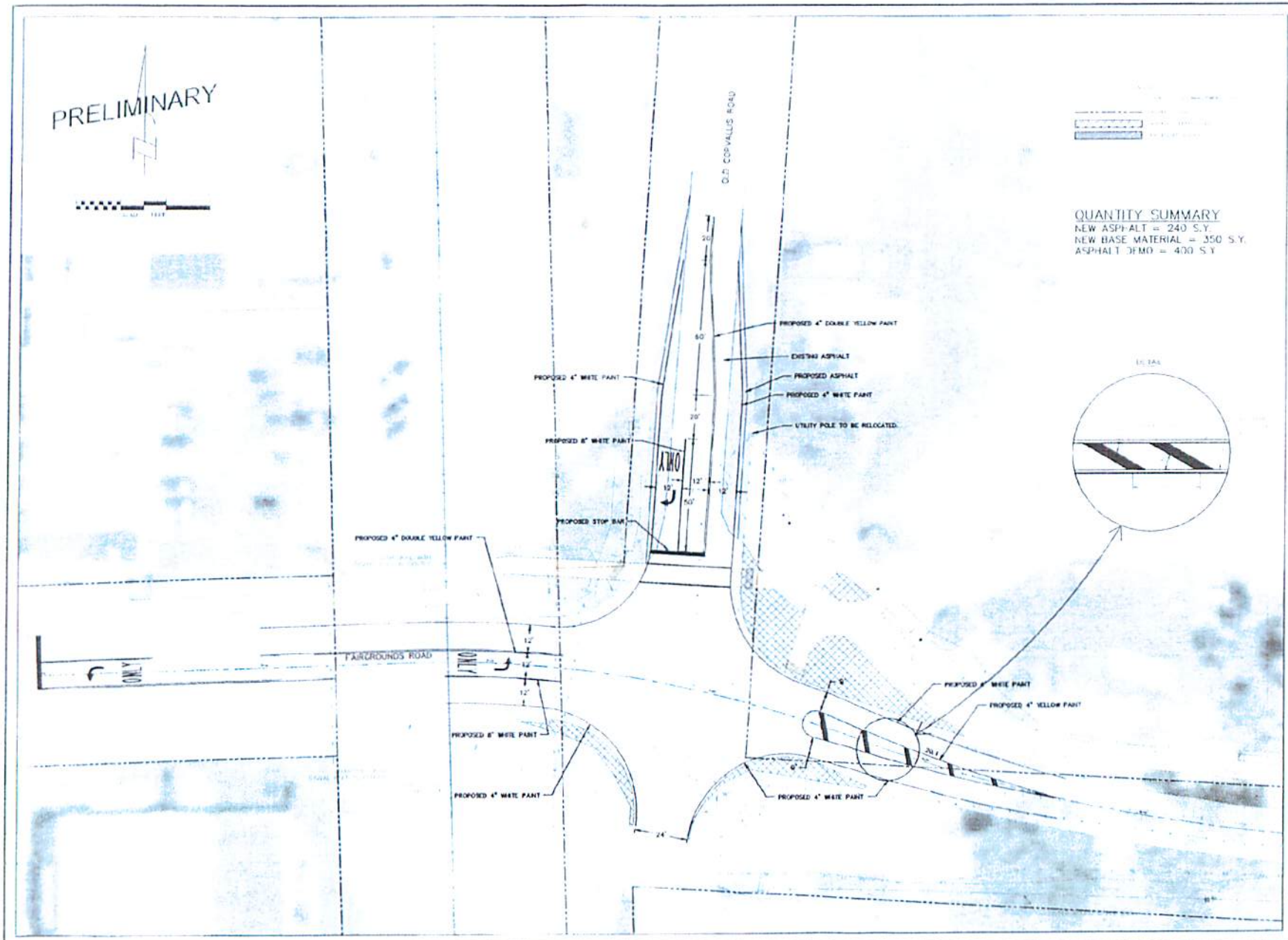
Contingency (10% for idling, mobilization, etc.) $60.35
Total FUEL Cost **$663.87**

** Scenario 2 assumes labor and equipment are sunk costs.

CITY OF HAMILTON COST

Material	Quantity		Rate		Total Cost
Base Material (1" minus @ 8" thick)	80	CY	$10.00	/CY	$800.00
Asphalt (4" thick)	60	Tons	$52.00	/Ton	$3,120.00
Survey Stake Out (2 crew per team)	1	Team	$1,500.00	/day	$1,500.00

Total COUNTY Cost **$5,420.00**



WGM GROUP

INTERSECTION DETAIL

FAIRGROUNDS ROAD - OLD CORVALLIS RD. TO KURTZ LN

HAMILTON, MONTANA

JUNE 2012

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