

The Dollars and Sense
of
the Deconstruction and Reuse Industry

Re-Imagining the Built Environment

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Benefits

- Many markets and uses for lumber
- Saves embodied energy
- Provides training opportunities
- Removes blight from neighborhoods
- Reduces fire and police calls



Challenges

- Higher cost to tax payers
- Time
 - To get everyone organized
 - To deconstruct
- Minimal training value for workers
 - Not a life-time career
 - Need to learn more
- Grant funding will run out
- High turnover of workers



Solutions

- Find money from other sources
 - Michigan Department of Corrections
 - Work force initiatives
 - Private foundations
- Reduce city fees – negotiate among silos
- Get utilities to grant disconnect costs
- Open your own retail warehouses
- Work in the private sector



Direct Expenses – 1500 s.f. House

• Labor (5 workers) - \$800/day X 10 days =	\$8,000
• Disposal - \$600/debris box x 3 boxes =	1,800
• Supplies – 5% of labor =	400
• Supervision – 3hrs x 10 days x \$40/hr =	1,200
• Trucking – 2 trips x \$200 =	400
• Total direct expenses =	11,800
• Overhead – 10%	1,180
Grand total	12,980



Additional Expenses

• Permits	\$ 50
• Utility shut-offs	500
• Removal of concrete/asphalt	5,000
• Storage facility	200
• Selling costs	500
• Backfill & seed	1,000
Total Additional Expenses	7,250



Summary

• Direct Expenses	\$12,980
• Additional Expenses	7,250
Total Expenses	20,230

Revenue

• City	10,000
• Lumber	5,000
Total Revenue	15,000
Deficit	5,230

Not including cost of tools and vehicle





TRP
Salvaging the built environment™

Thank You



The ReUse People

