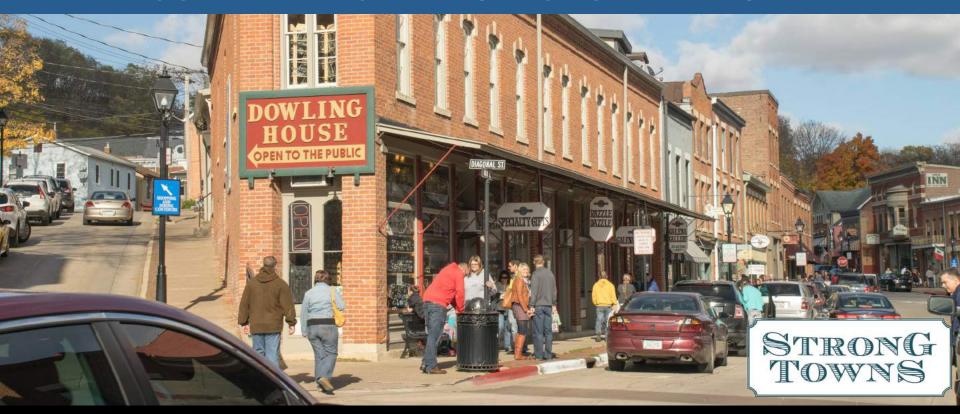


Charles L. Marohn, Jr. PE AICP @clmarohn | @strongtowns



SUPPORT A MODEL OF DEVELOPMENT THAT ALLOWS AMERICA'S CITIES, TOWNS AND NEIGHBORHOODS TO BECOME FINANCIALLY STRONG AND RESILIENT







1949

2015

121,000

Urban

3.5x



Feet of pipe/person

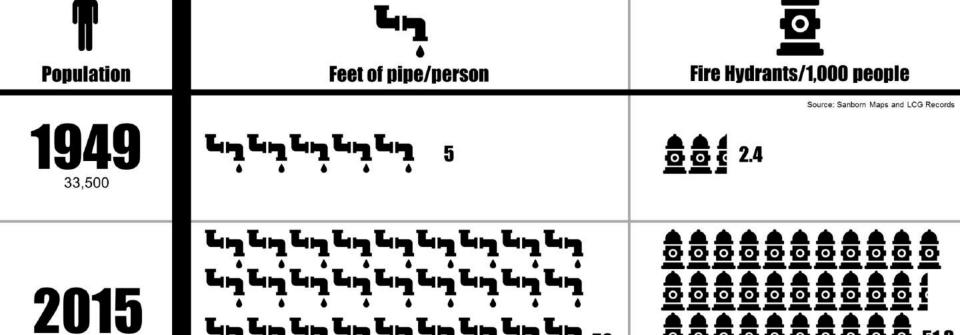
1949

right fright 2

2015

3.5)

10x



121,000



eet of pipe/persor



Fire Hydrants/1,000 people



Your Median Household income

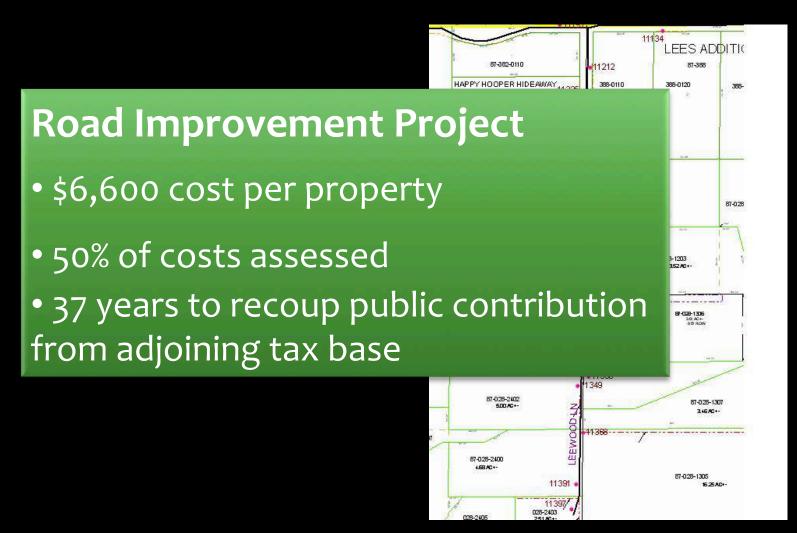




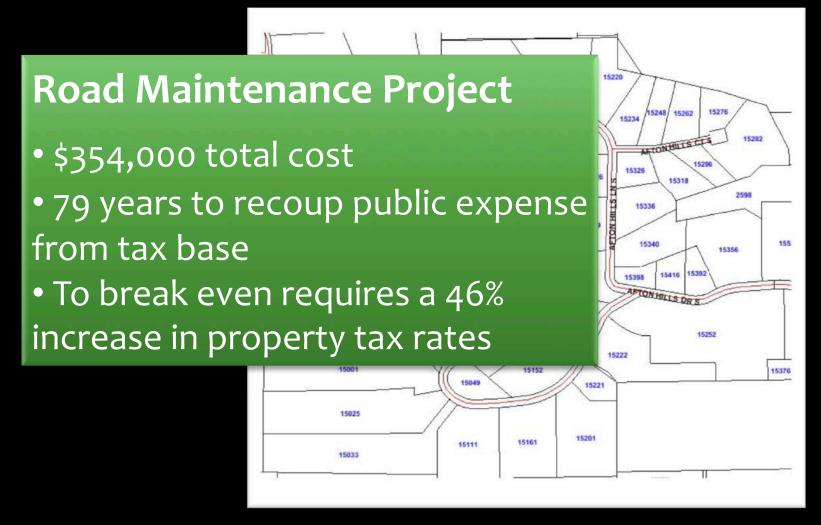
\$45,000

\$27,700

1.6x



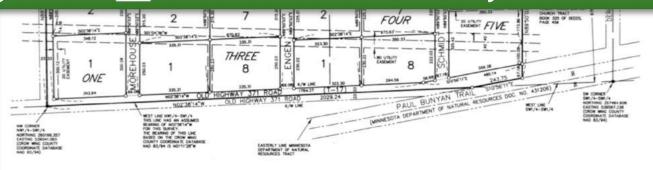
Local Street Project



Local Road Rehabilitation

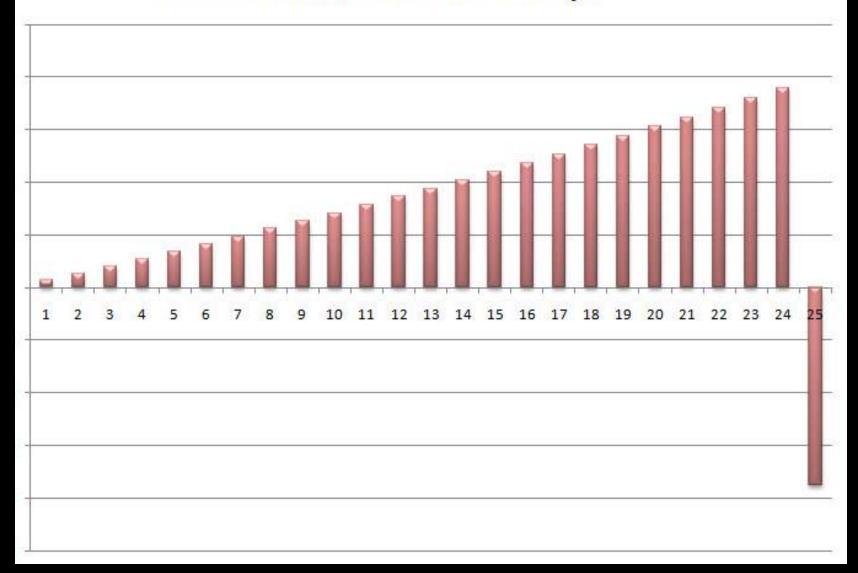
Industrial Park Development

- \$2.1 million inflation-adjusted total cost
- \$6.6 million in improvements induced
- Payback from current conditions happens in 29 years if <u>all</u> revenue devoted only to debt

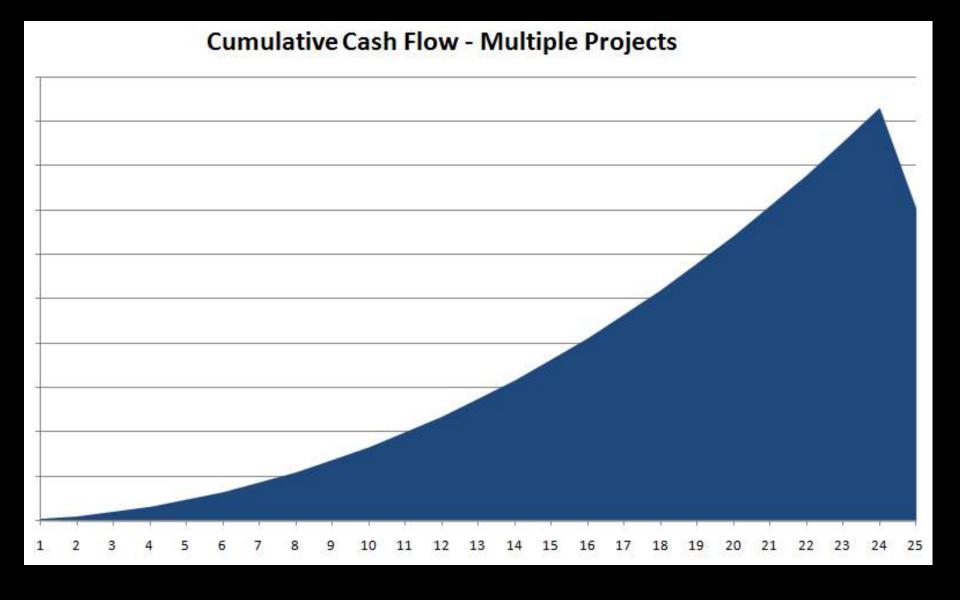


Industrial Development

Cumulative Cash Flow - One Life Cycle

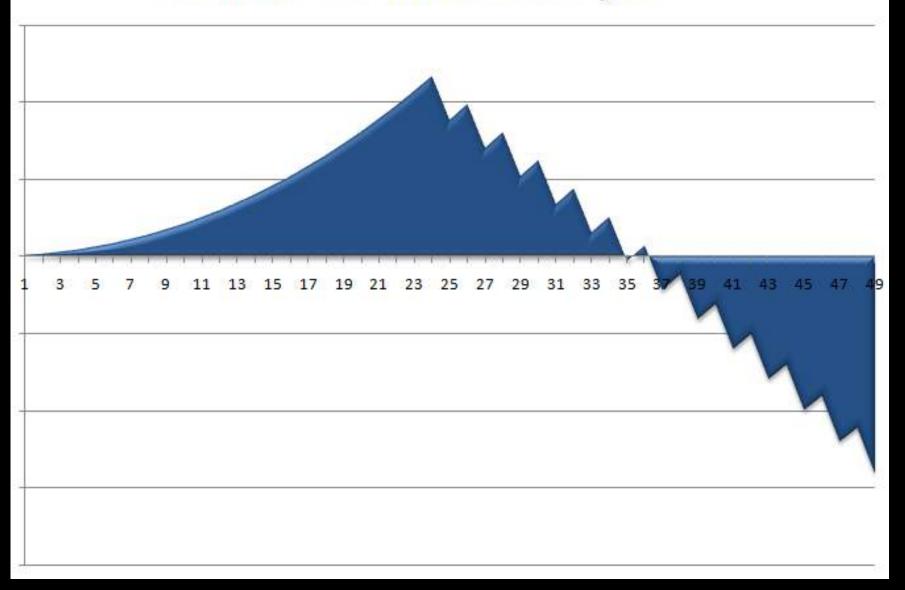


Growth Ponzi Scheme



Growth Ponzi Scheme





Growth Ponzi Scheme









High Return Investments



\$1,136,500

\$803,200



\$1,136,500 **\$1,104,500**

\$803,200

-3%

\$1,136,500 \$1,104,500

\$618,500 \$803,200

BARBER

-23%





Auto Oriented \$0.6 million/acre

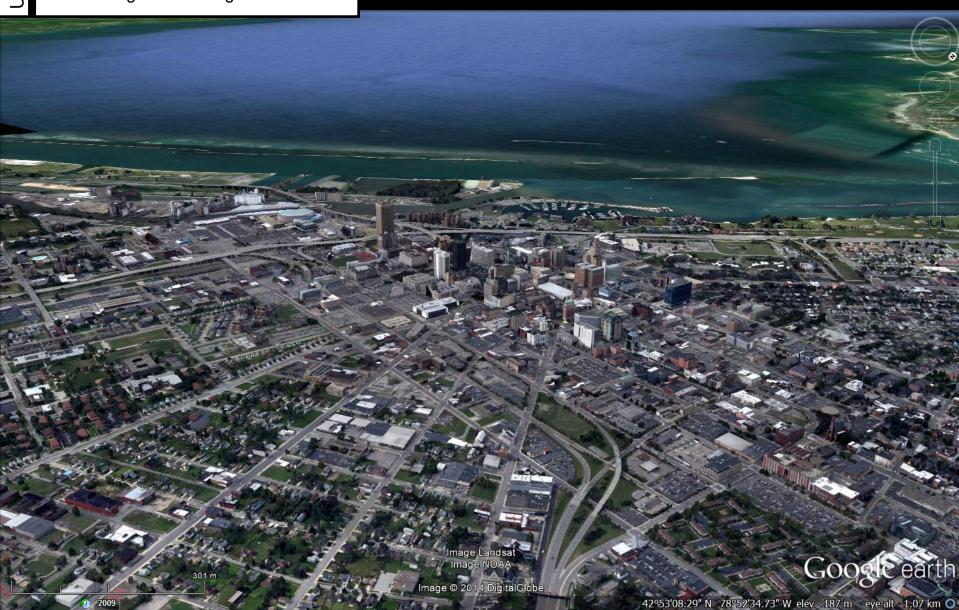
Traditional Pattern \$1.1 million/acre

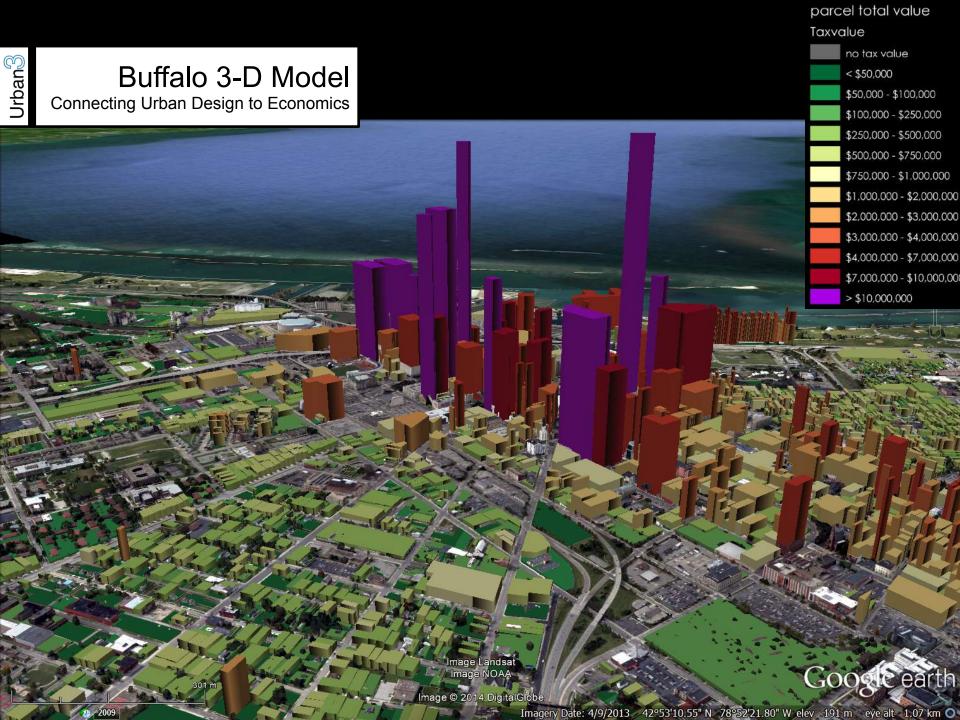
High Return Investments



Buffalo 3-D Model

Connecting Urban Design to Economics

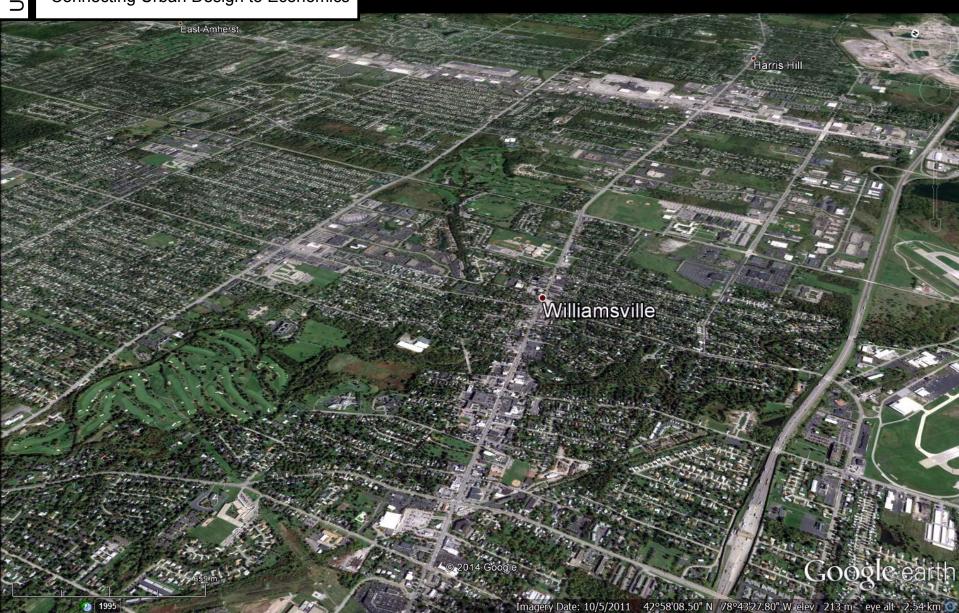


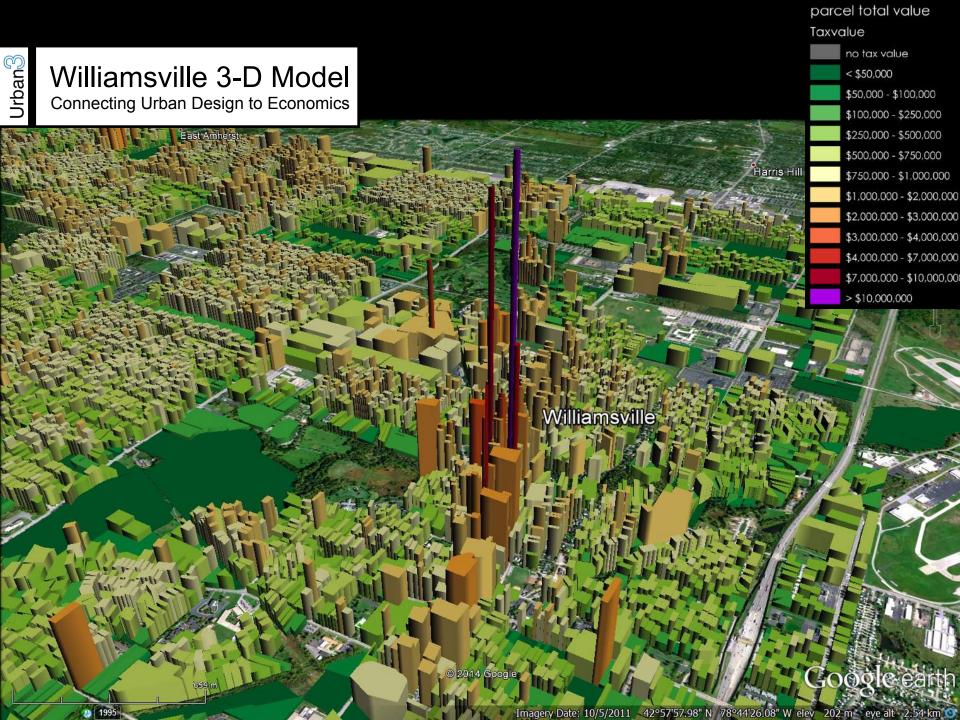


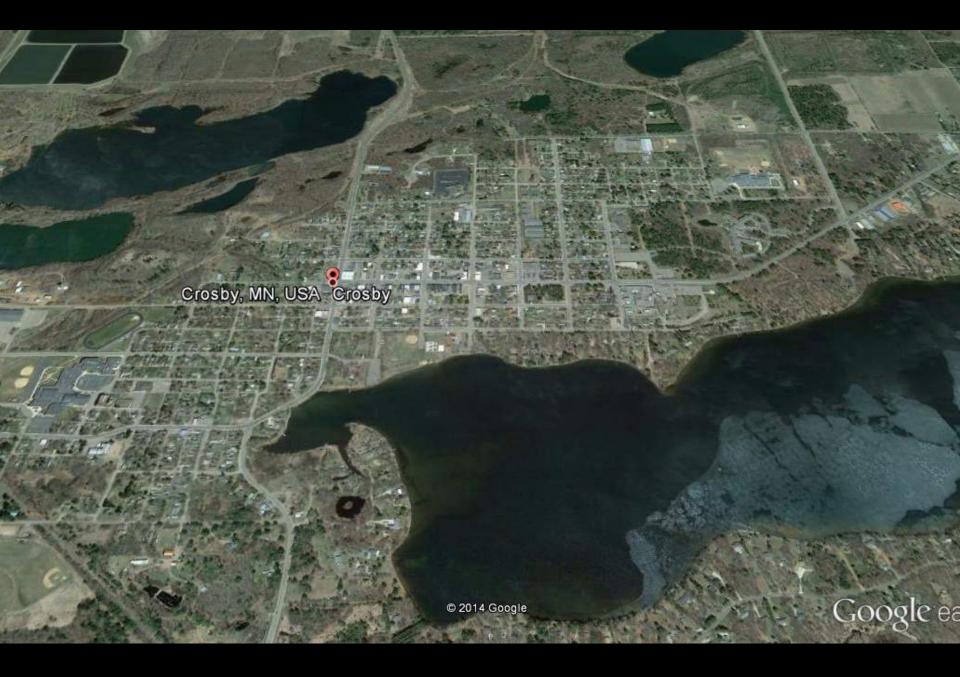


Williamsville 3-D Model

Connecting Urban Design to Economics











Kmart \$384,849/acre



Walmart \$967,552/acre



String & Splinter Club \$5,028,450/acre



203 N. Main St. \$3,452.560/acre











Neighborhoods First A low risk, high return strategy for a better Brainerd.



2014 Neighborhood Improvements Northeast Brainerd



A Better Brainerd





www.StrongTowns.org



