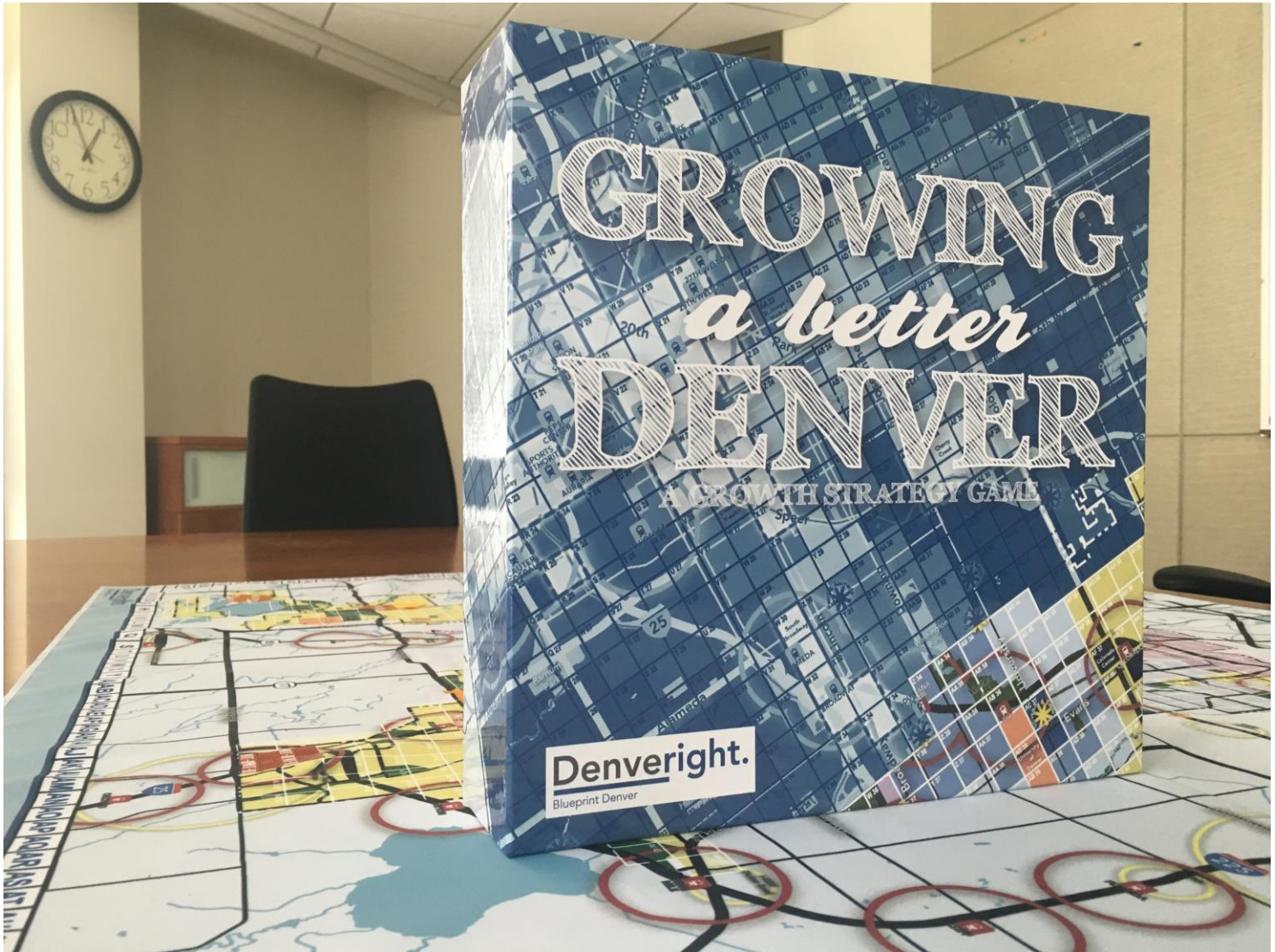




Growth Strategies



Growth Strategies to Consider

Baseline 2040 – Regional Forecast (for comparison)

Case Studies

- A. Limit Development Throughout the City
- B. Expand and Intensify the City Center
- C. Focus Density and Investment in Multiple Urban Centers
- D. Enhance Corridors and Grow Neighborhood Centers
- E. Embrace Multiple Growth Strategies

Baseline 2040 – Regional Forecast

- Modeled regional growth forecast
- Moderate growth Downtown and in urban centers
- Continued growth in outer Denver areas
- Regional Growth = 1,369,521



Development Intensity and Mix: Moderate



Housing Type Mix: Single family and multifamily



Transit Investment: Moderate

2040 Denver Population

858,000

Limit Development Throughout the City: Boulder, CO

- Growth Strategy:
 - Limit population
 - Limit land supply
 - Limit building heights
- Lessons Learned:
 - Limited housing supply
 - Lack of affordable housing
 - 60,000 commuting in each day



Expand and Intensify the City Center: Vancouver, BC

Growth Strategy:

- Concentrate growth in downtown core
- Invest in transportation

Lessons Learned:

- Solar access
- Neighborhood amenities
- Creative mix of uses within buildings
- Reverse commute pattern created



Focus Density and Investment in Multiple Urban Centers: Los Angeles, California

Growth Strategy:

- Focus growth in multiple centers
- Invest in multi-modal transportation

Lessons Learned:

- Multiple centers mitigates some impacts of large population
- Difficult to retrofit transportation networks
- Creation of layered networks



Enhance Corridors and Grow Neighborhood Centers: Portland, OR

Growth Strategy:

- Revitalize commercial corridors
- Continued regional and local transit investment
- Strong emphasis on bike network

Lessons Learned:

- Smaller-scaled developments are easier to facilitate
- Neighborhood tensions along corridors
- Strong regional collaboration



Embrace Multiple Growth Strategies: Chicago, IL

Growth Strategy:

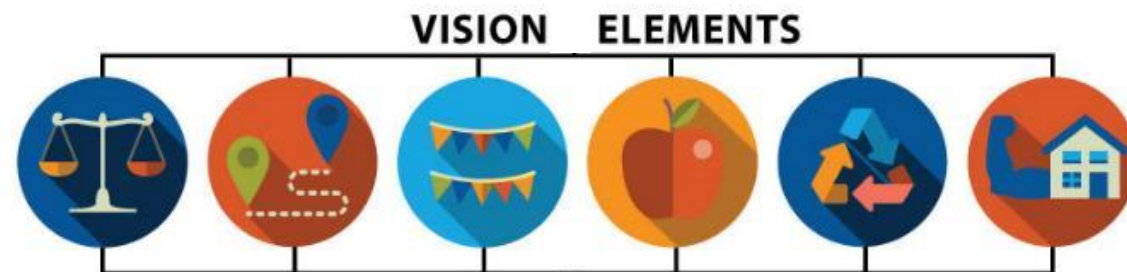
- Growing is a goal to fund infrastructure and neighborhood reinvestment
- Invest in multiple layers of transit

Lessons Learned:

- Parking management
- Acceptance of congestion
- Access to amenities
- Retain neighborhood character while growing

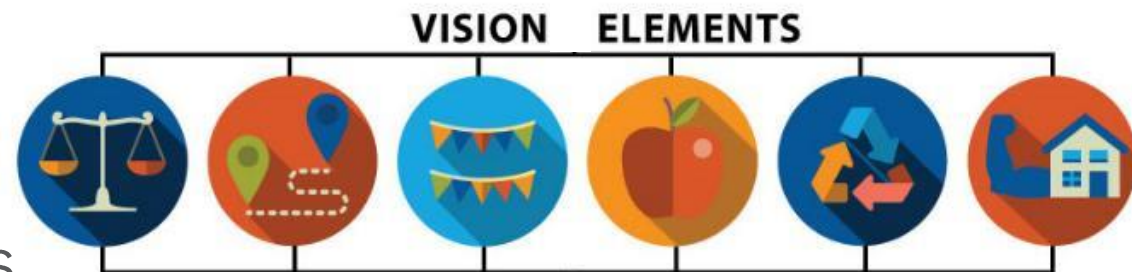


Case Study Scenarios Summary



Comparison to Baseline 2040	Baseline 2040	Scenario A: Limited Development	Scenario B: Expand City Center	Scenario C: Multiple Urban Centers	Scenario D: Corridors and N'Hood Centers	Scenario E: Embrace Growth
VMT per capita	3,958 mi	4.2%	-4.3%	-2.4%	-1.5%	-5.3%
Energy per capita	47.3 mil Btu	2.9%	-3.4%	-2.6%	-1.1%	-6.3%
Water per capita	26,423	8.9%	-2.7%	-2.4%	-1.0%	-5.2%
GHG per capita	7.1 metric tons	3.1%	-3.4%	-2.3%	-1.2%	-5.9%
HH costs per HH	\$10,100	16.8%	-15.8%	-9.9%	-5.9%	-18.8%

Case Study Scenarios



Best – Embrace Multiple Growth Strategies

VEHICLE MILES TRAVELED	ENERGY USE	WATER USE	GREENHOUSE GASES	HOUSEHOLD COSTS
Annual per capita 3,750 miles	Residential and commercial per capita 44.3 million Btu	Residential and commercial per capita 25,000 gallons	Per capita from cars and buildings 6.7 metric tons	Driving and utility costs per new household \$8,200
5.3% below Baseline	6.3% below Baseline	5.2% below Baseline	5.9% below Baseline	19% below Baseline

Worst – Limit Development Throughout the City

VEHICLE MILES TRAVELED	ENERGY USE	WATER USE	GREENHOUSE GASES	HOUSEHOLD COSTS
Annual per capita 4,120 miles	Residential and commercial per capita 48.6 million Btu	Residential and commercial per capita 28,800 gallons	Per capita from cars and buildings 7.3 metric tons	Driving and utility costs per new household \$11,800
4.2% over Baseline	2.9% over Baseline	8.9% over Baseline	3.1% over Baseline	17% over Baseline