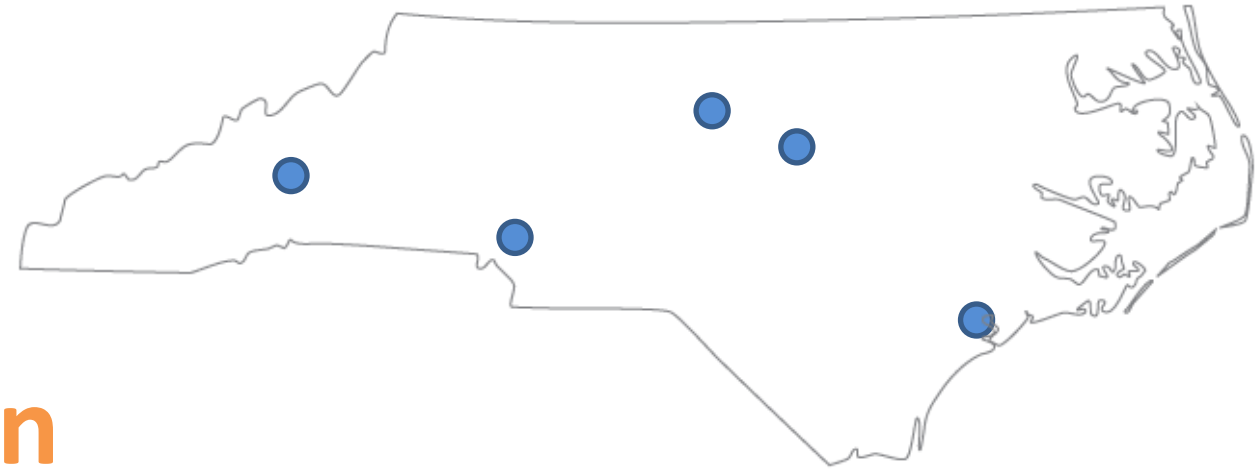
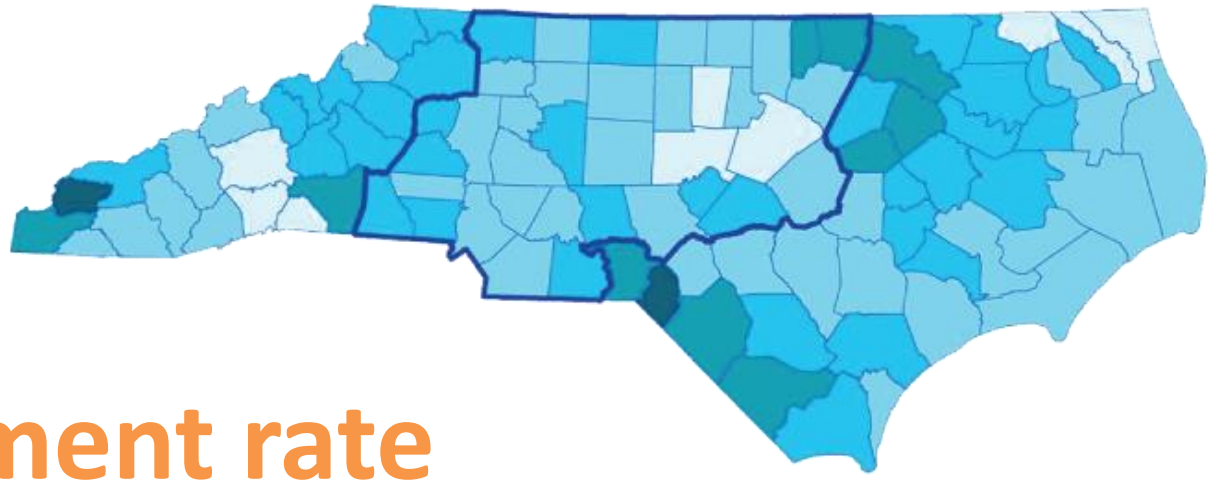
Accelerating Infrastructure Investments for Economic Growth

strategic mobility formula



population

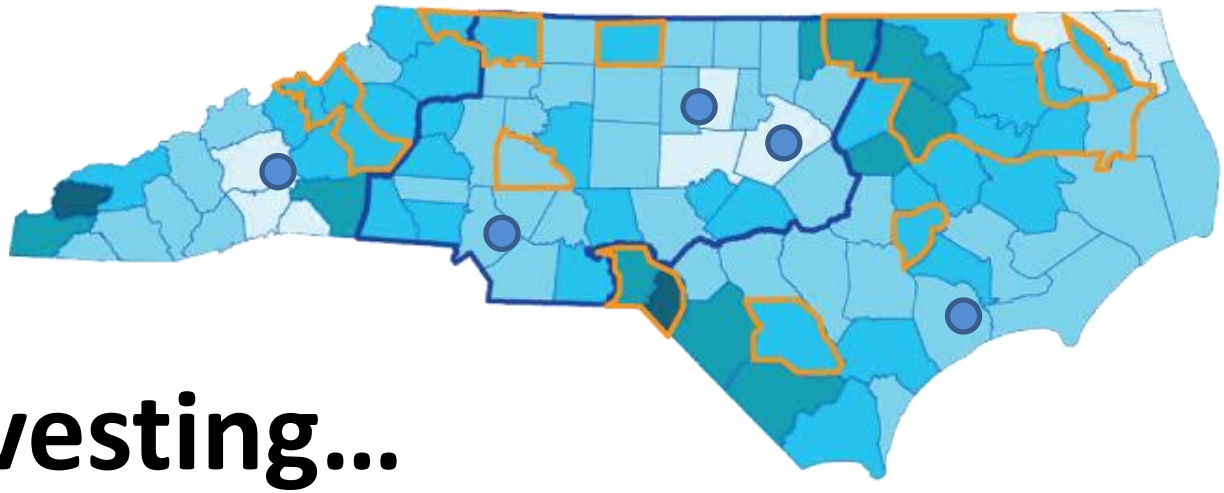
fourth largest net growth in the nation



unemployment rate

State = 9.4 %

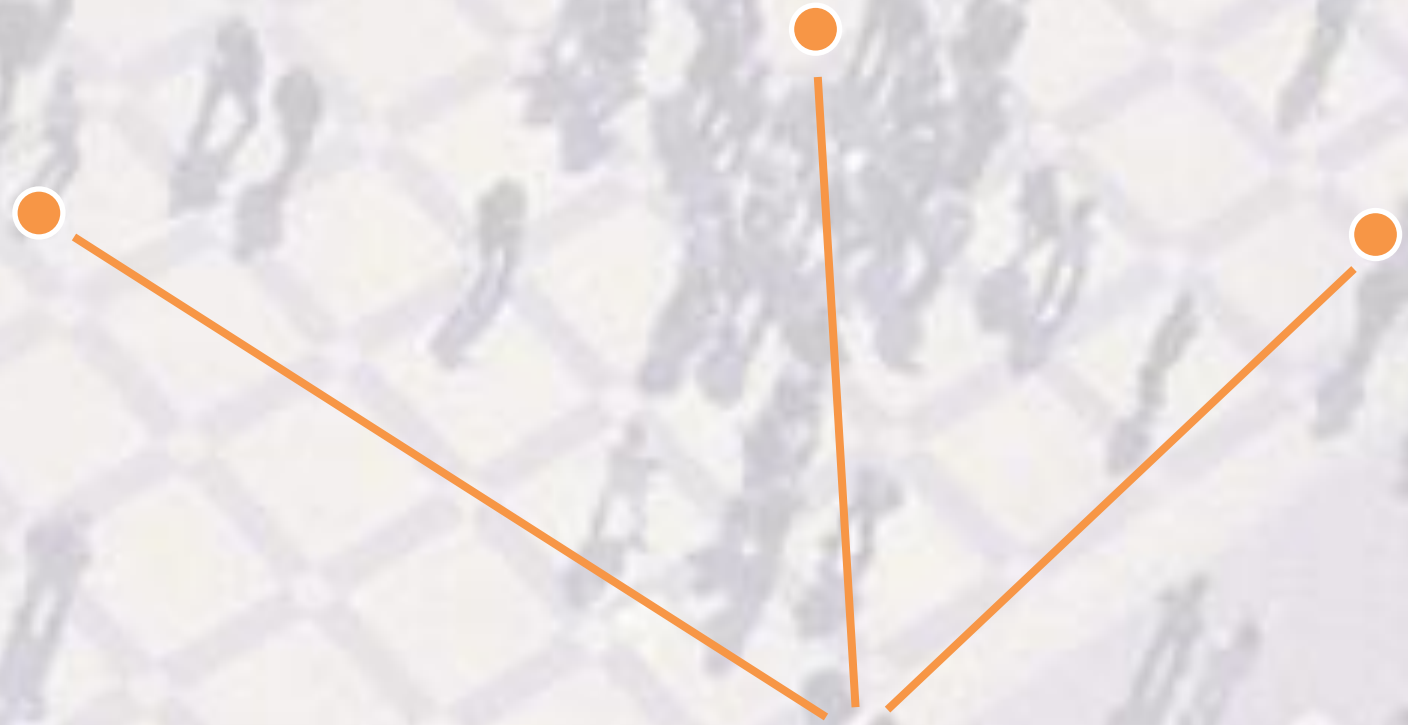
National = 7.6%



Are we investing…

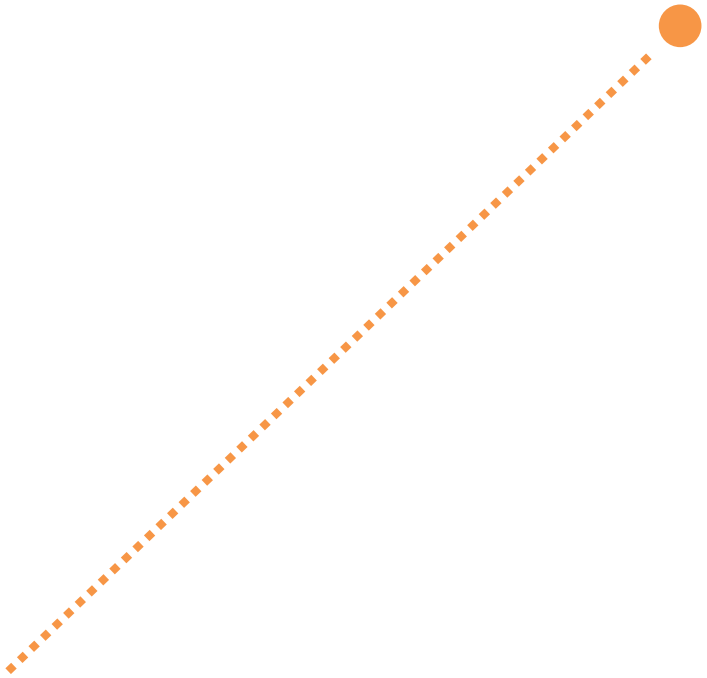
in the right way?

connect people



use infrastructure to catalyze economic development

high impact



need to change

how we **fund.**
how we **distribute.**
how we **prioritize.**

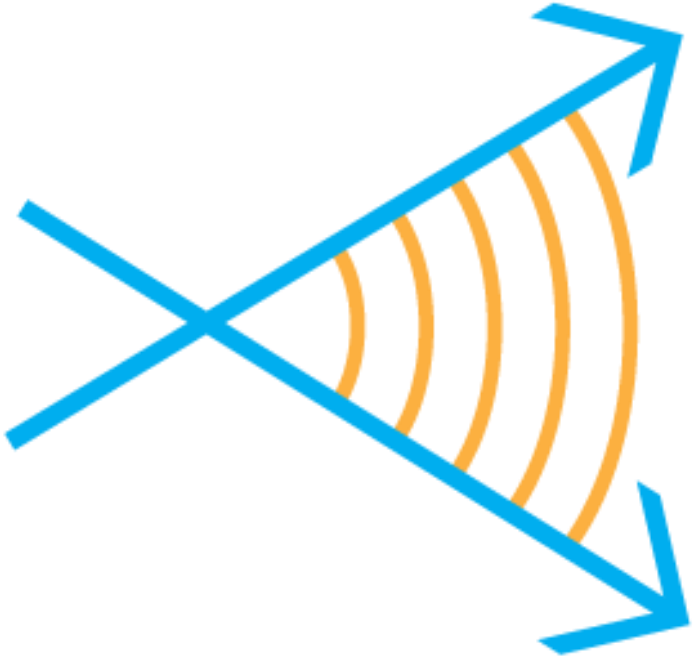
current funding

state resources are declining,
future federal resources uncertain

Increased population + 1.3m

= Infrastructure need

problem



Infrastructure gap.

Decline in businesses and jobs.

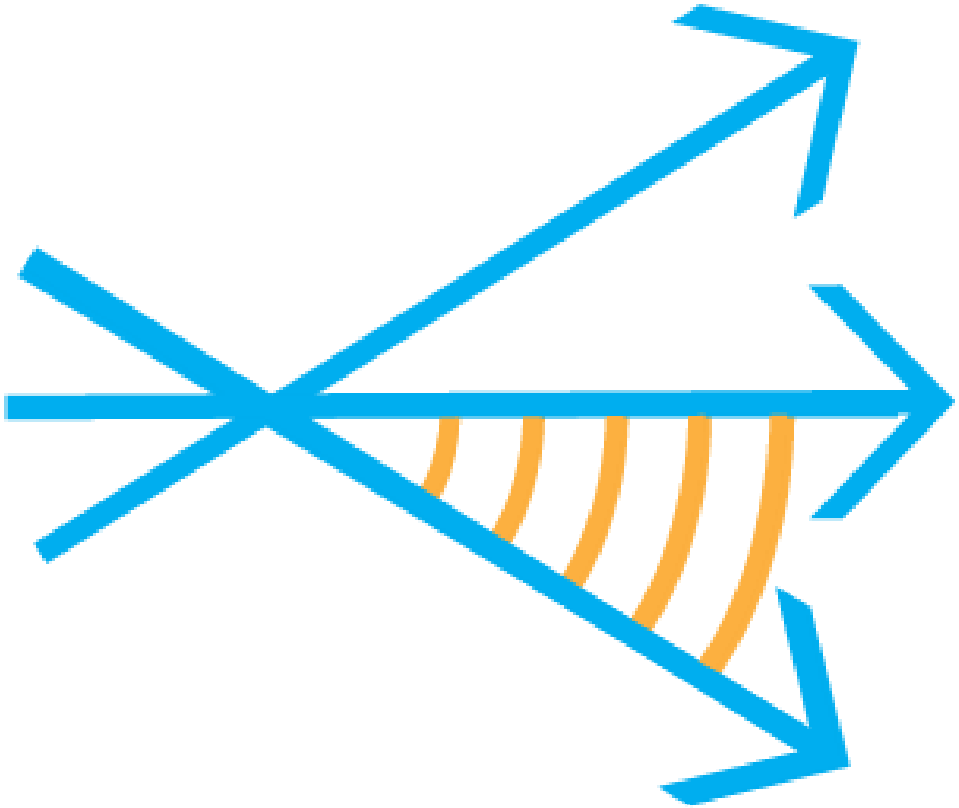
Decreased

Revenue projections - $1.7b

MFT, DMV, Highway

2013-2023

solutions

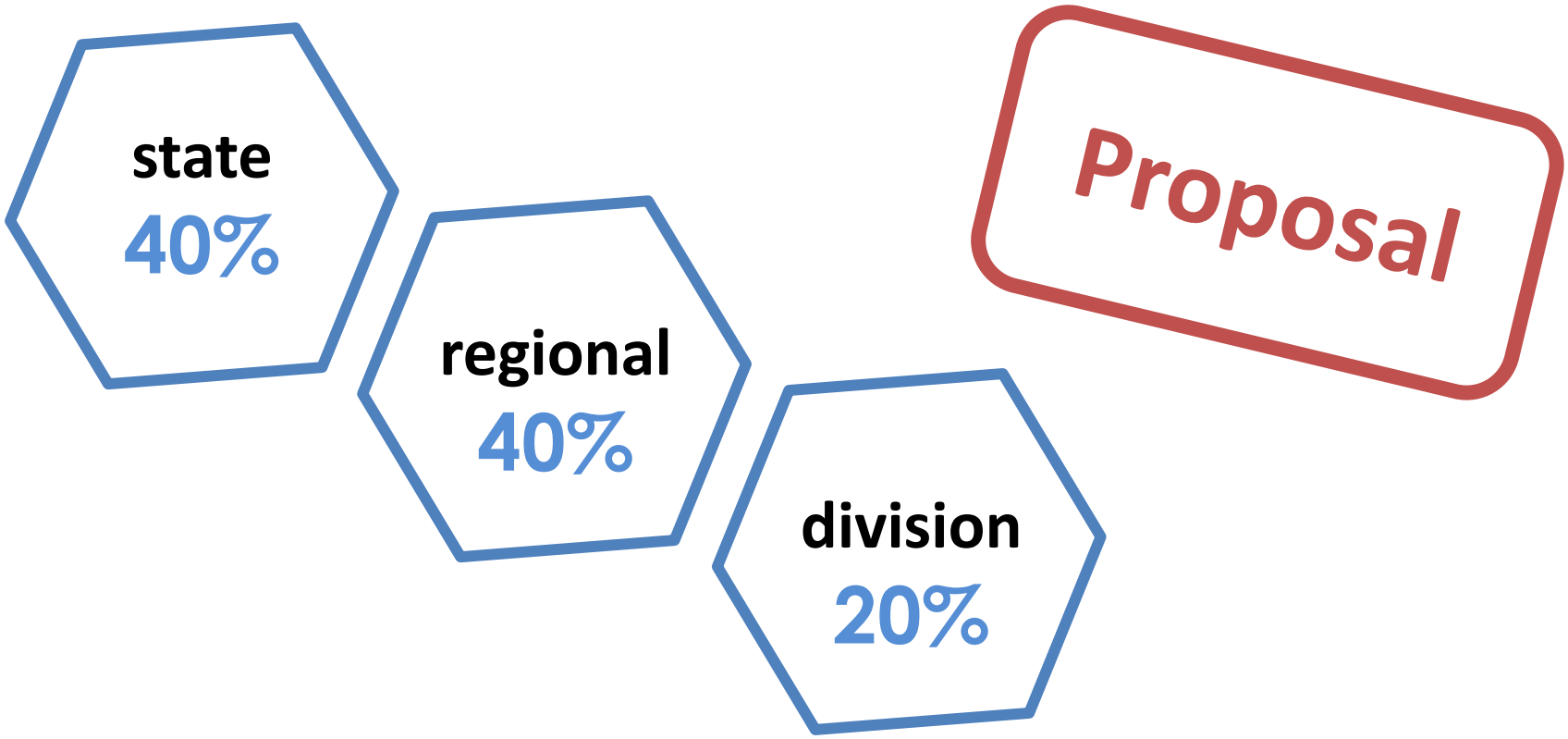


Yet, we can address part of the problem through a strategic mobility formula

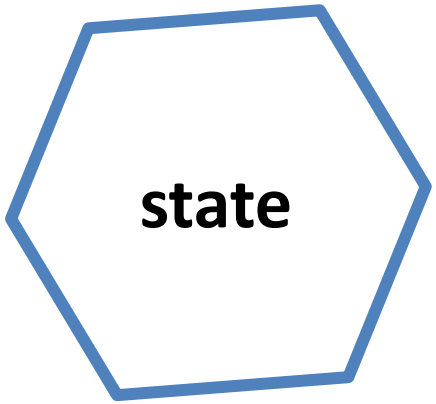
Address shrinking revenue

how is it distributed?

(in)equity formula based on % population and equally shared across 14 divisions



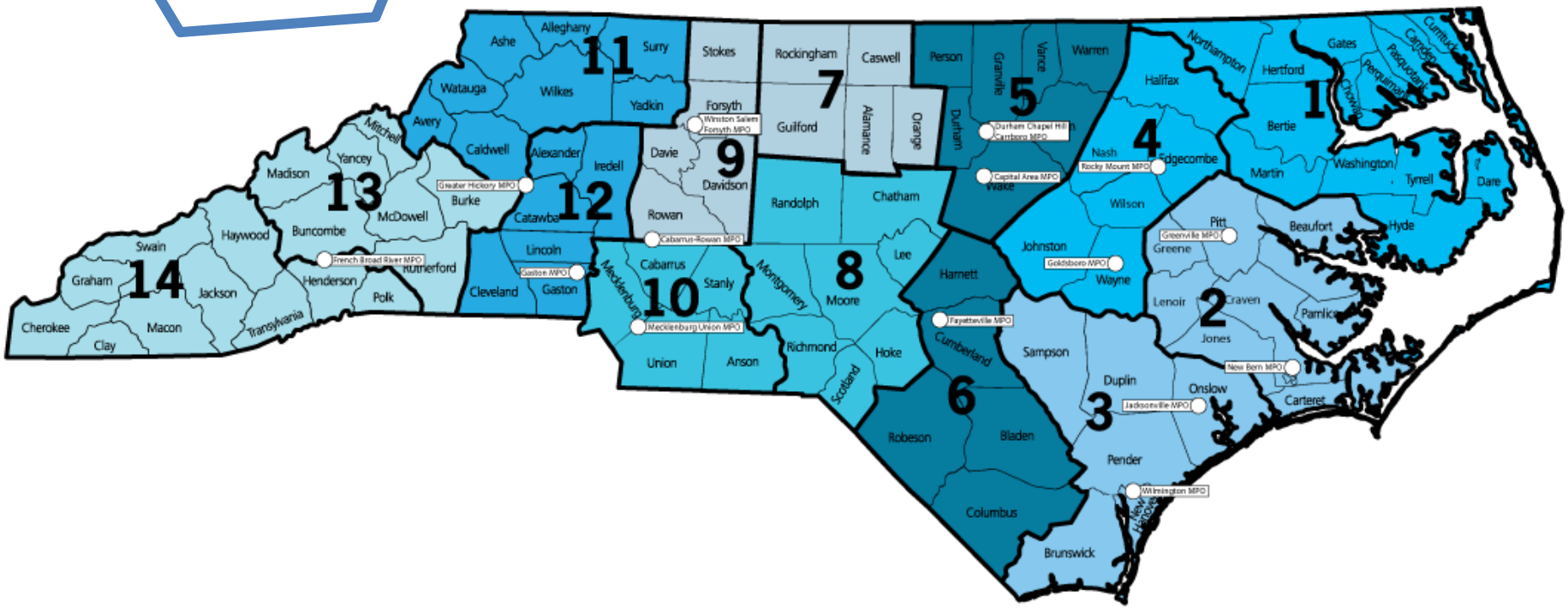
strategically invest resources to ensure state, regional, and local priorities are met



40% of revenue or $6.4 billion statewide *(over 10 years)*

- **Address statewide and regionally significant congestion/bottlenecks**
  - Statewide and regional tier ONLY
  - All modes compete (hwy and non-hwy projects)
- **100% data driven**
  - Benefit-cost *(reduced travel time /project costs)*
  - Existing congestion
  - Economic competitiveness
  - Freight
  - Multi-modal

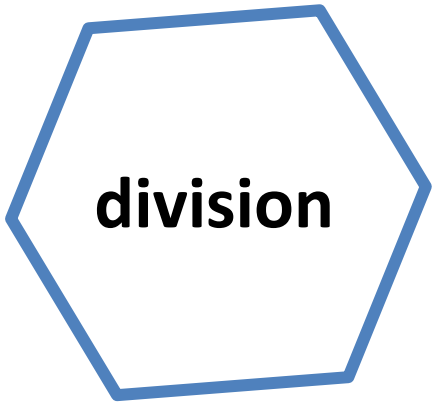
regions & divisions



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

40% of revenue or $6.4 billion over all regions *(over 10 years)*

- **Address projects with regionally significant impact**
  - Statewide and regional tiers
  - Paired divisions: (1&4), (2&3), (5&6), (7&9), (8&10), (11&12), (13&14)
  - All modes compete
- **70% data; 30% local ranking**
  - Benefit-cost
  - Connectivity
  - Congestion
  - Economic competitiveness
  - Safety



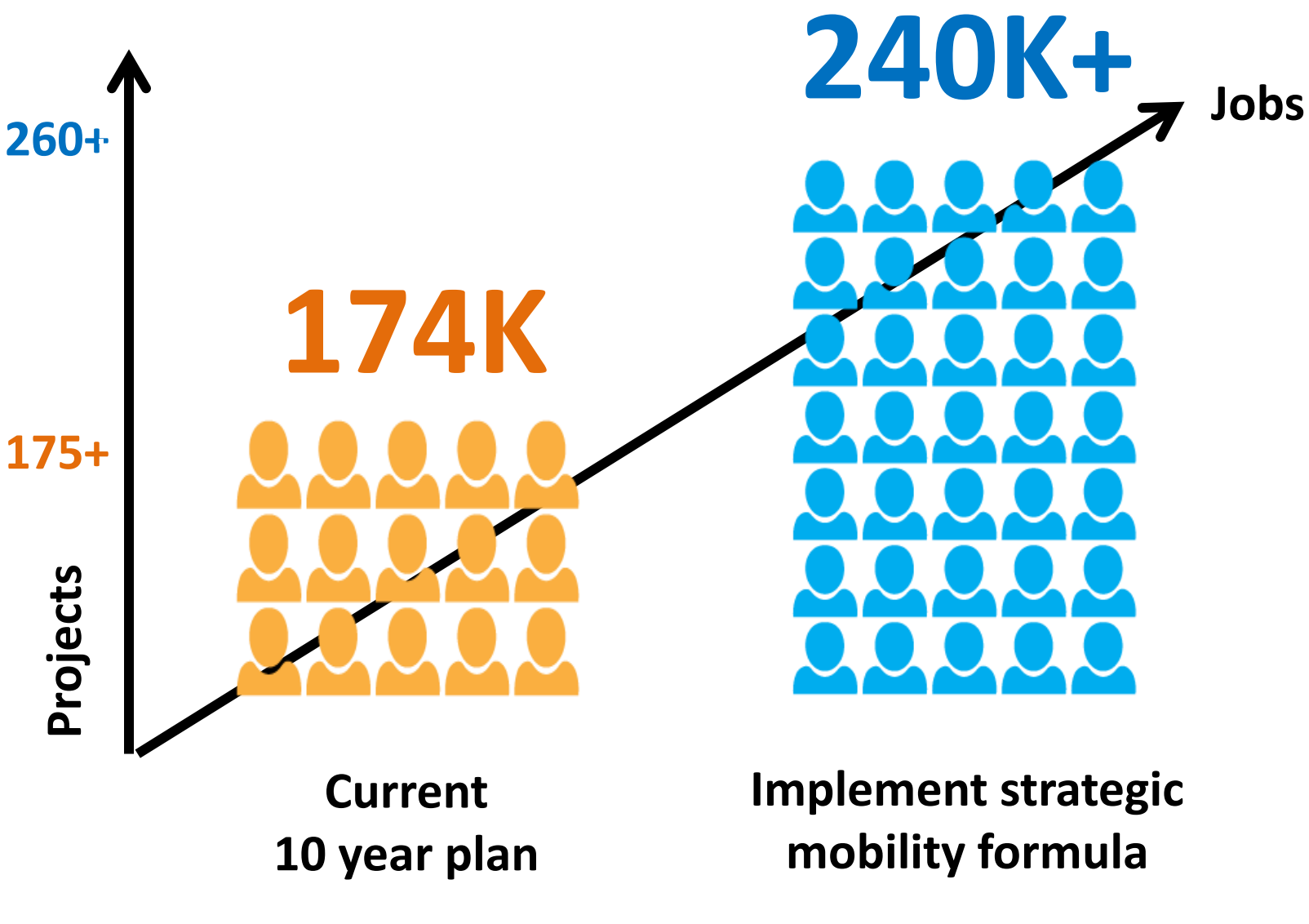
Equal share over 14 divisions.

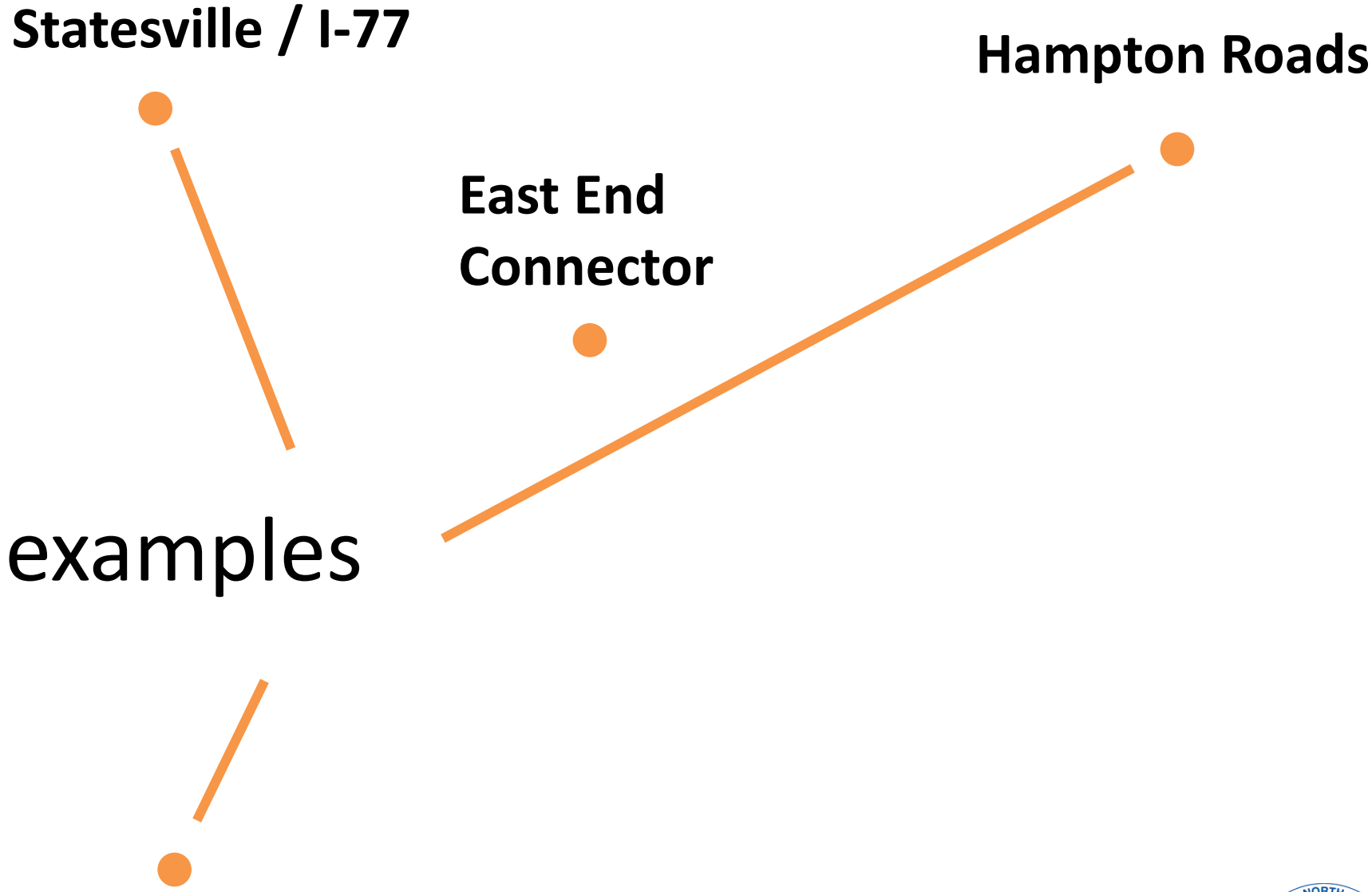
- **Address localized congestion & safety concerns**
  - All tiers
  - All modes compete
- **50% data; 50% local ranking**
  - Benefit-cost
  - Connectivity
  - Shoulder width
  - Safety

strategic mobility formula

- **uses quantitative data**, local input, multi-modal scoring
  >> *cascading effect*
- **eliminates special project categories** & equity/non-equity provisions
- **reduces need for projects in legislation** for funding eligibility

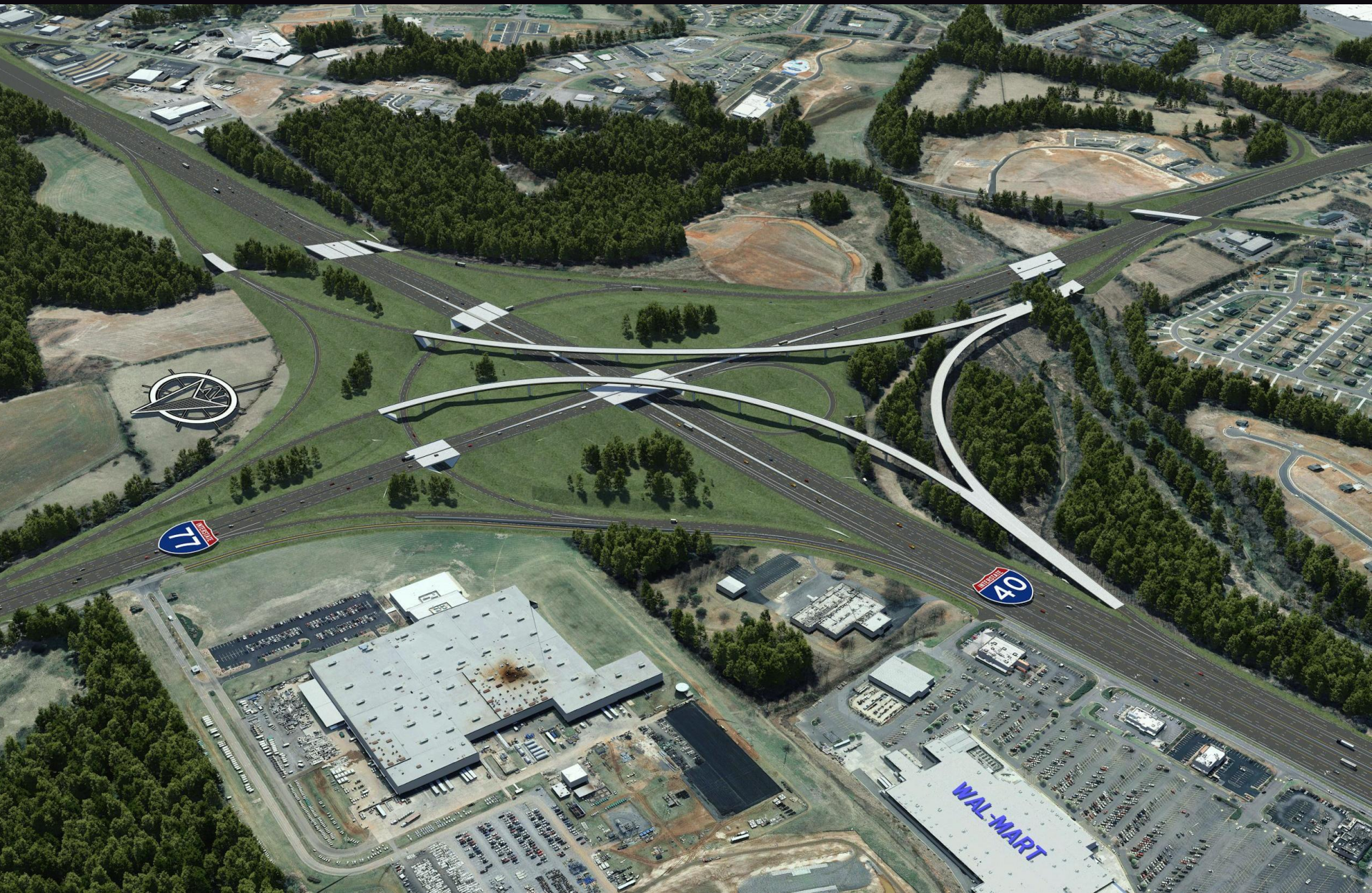
strategic mobility formula




Statesville / I-77
Hampton Roads
East End
Connector
examples
I-26 Connector

I-26 Connector (Asheville) Video Simulation

I-40/I-77 Interchange (Statesville) – Final Improvements



Hillsborough/Blue Ridge Road (Raleigh) Video Simulation

partnership

funding for contract resurfacing

state fiscal year	$ (millions)
2007	270
2008	277
2009	277
2010	300
2011	267
2012	406
2013	427

contract resurfacing through 3Q of 2013

number of contracts awarded	157
number of contract firms	46
total $ awarded	$275 million
tons of asphalt distributed	2.4 million
number of miles let to contract	~ 1835

contract resurfacing projections for 4Q

total $ to be awarded	**~ $117 million**
tons of asphalt	**~ 1.2 million**
number of miles	**~ 800**

program/asphalt tonnage comparison

year	total tonnage	ARRA	GARVEE	contract resurfacing	TIP	POCs
2010	7,569,653	25.9%	3.3%	30.0%	24.4%	16.3%
2011	6,747,708	10.6%	2.2%	46.5%	38.2%	2.5%
2012	7,305,488	5.4%	5.6%	55.0%	33.7%	0.3%

future funding for contract resurfacing

state fiscal year	$ (millions)
2007	270
2008	277
2009	277
2010	300
2011	267
2012	406
2013	427
2014	356
2015	356

future funding

motor fuels tax rate and consumption projected to drop in 2014-15, resulting in decreased revenues

innovation

questions?