



# New programmatic approach

Revisions to programs and  
committee input on program scoring



## Revisions to program names and project types

- 19 to 13 programs based on feedback
- Project types further described and combined when redundant
- Committee assignments of project types reassigned based on feedback
- Funding eligibility reviewed and revised

# Summary of revisions

 = additions / revisions  
 = combinations / deletions

Committee	Program	Project type	Project type description
3PC	Complete streets	Transportation projects for ADA compliance w/ universal design	Projects that address ADA transition plans along FA roadw ays
<del>3PC</del>	<del>Complete streets</del>	<del>Safe routes for non-drivers</del>	<del>Recommend removal / mostly duplicative</del>
EMPC	Air quality	Transit vehicle emission reduction (new or modification)	Funds to assist with the cost of cleaner transit vehicles
EMPC	Air quality	Diesel vehicle emission reduction (new or modification)	Funds to assist with the cost of cleaner vehicles
EMPC	Air quality	Alternative fuel infrastructure	Electric or natural gas fuel infrastructure
EMPC	Air quality	Advanced truck stop electrification	Electrification of truck stop parking to reduce/eliminate idling
<del>EMPC</del>	<del>Environment</del>	<del>Mitigation banking combined</del>	<del>Funds to create land banks for restoration off-site from a transportation project</del>
LUC	Quality of place	Was 3PC Traffic calming	Was 3PC Treatments that reduce travel speed and improve ped/bike comfort
LUC	Quality of place	Was STC Roadw ay expansion	Was STC Widening of roadw ays to address congestion
STC	New roadw ays	Surface transport infrastructure to facilitate port "linkages"	New roadw ays connect port facilities to existing transportation system
STC	New roadw ays	New truck parking facilities	New parking specifically for trucks
STC	New roadw ays	New bridge / roadw ay / tunnel construction	New roadw ays, bridges, or tunnels
STC	New roadw ays	Construction of minor collectors in same corridor as NHS route	Construct service lanes along arterial roads; NHS ow ned by INDOT
STC	Roadw ay improvement	Railw ay-highw ay grade crossings	Projects that address safety issues at railroad crossings
STC	Roadw ay improvement	Intersection safety improvements	Projects that attempt to reduce safety issues at intersections
STC	Roadw ay improvement	Intelligent Transportation Systems	Projects that use technology to increase efficiency of transportation system
STC	Roadw ay improvement	Traffic monitoring / management / control	Funding for the monitoring and management of traffic (usually a state level initiative)
STC	Roadw ay improvement	Travel demand management strategies / programs	Funds that assist w ith reducing the demand for travel and congestion
STC	Roadw ay improvement	Emergency communications equipment / priority control systems	Funds to implement projects for emergency communication + signal preemption
STC	Roadw ay improvement	Bridge rehabilitation or reconstruction	Added / Projects that rehabilitate or reconstruct bridges on FA roads
STC	Roadw ay improvement	Pavement rehabilitation or reconstruction	Added / Projects that rehabilitate or reconstruct FA roads
STC	Roadw ay improvement	Intersection congestion improvements	Projects that attempt to reduce congestion at bottleneck locations
STC	Roadw ay improvement	Construction and operational improvements on high-risk rural roads	Projects on FA rural roads that improve safety
STC	Roadw ay improvement	Congestion pricing development / implementation	Funds that can assist w ith starting a congestion pricing scheme
STC	Roadw ay improvement	Highw ay signs for retroreflectivity	Standalone projects that increase visibility of roadw ay signs
STC	Roadw ay improvement	Safety devices/control, rumbles, skid resist., or remove obstacles at crash locations	Standalone projects to improve safety w / specific treatments on FA roadw ays
STC	Roadw ay improvement	Pavement and shoulder w idening to remedy unsafe conditions	Projects that add w idth to address unsafe conditions w ith road narrow ness
STC	Roadw ay improvement	Fringe and corridor parking facilities / programs	Construction of parking lots for car/vanpooling and transit kiss & rides

 = additions / revisions  
 = combinations / deletions

Committee Program	Project type	Project type description	
STC	Roadway improvement	Protection for bridges including inspections	Funding to assist w ith the inspection of bridges
STC	Roadway improvement	Conduct model traffic enforcement activity at rail/highway crossing	Funds to promote enforcement at rail/hwy crossings (usually a state level initiative)
STC	Roadway improvement	Promote/educate highway safety matters + project to enforce law	Funds to promote or educate roadway safety (usually a state level initiative)
STG	Roadway safety	<del>Install of rumble strips (not in conflict w /bike/ped/ADA)</del>	<del>Standalone projects to install rumble strips on FA roadways</del> <b>combined</b>
STG	Roadway safety	<del>Installation of skid-resistant surface at a location w / crashes</del>	<del>Standalone projects that reduce skidding at locations with this problem</del> <b>combined</b>
STG	Roadway safety	<del>Installation of traffic control at location w / high crashes</del>	<del>Standalone projects that install new stop signs or signals to reduce crashes</del>
STG	Roadway safety	<del>Removal of roadside obstacle</del>	<del>Funds to remove trees or other items along FA roads that could be crashed into</del>
STC	Roadway safety	<del>Roadway Corridor safety for vehicles</del>	<del>Projects that improve safety for vehicles along a segment of roadway</del> <b>combined</b>
TOR	Transit / asset mngmt	Transit vehicle replacement (existing and subject to TAMP)	Funding to replace existing transit vehicles according to transit asset mngnt plan
TOR	Transit / cust experience	Mobility management / information technology systems	Funding to improvement mobility management and technology (GTFS)
TOR	Transit / cust experience	Travel training	Funding to train individuals on how to use transit
TOR	Transit / cust experience	Volunteer driver programs	Funding to offset the cost associated w ith volunteer driver programs
TOR	Transit / expansion	Transit vehicles for expansion of service	Funding to purchase new vehicles to expand service (locations or hours)
TOR	Transit / expansion	Operating assistance for new transit service	Funding for the operations and expansion of new transit services
<del>TOR</del>	<del>Transit / expansion</del>	<del>Ferry boats</del>	<del>Funding to purchase ferry boats</del> <b>combined</b>
<del>TOR</del>	<del>Transit / expansion</del>	<del>Ferry terminals</del>	<del>Funding to build ferry terminals</del> <b>combined</b>
TPC	Planning	Development of regional environmental protection plans	Planning funds to address environmental protection and transportation linkages
TPC	Planning	Transit planning and administrative oversight	Funding to plan and oversee transit
TPC	Planning	Transportation planning (general)	Funds to conduct transportation planning across all modes
TPC	Planning	Creating Livable Communities or TOD planning program	Funds to conduct transportation and land use planning/linkages across all modes
<del>TPC</del>	<del>Planning</del>	<del>Road safety audit</del>	<del>Funds to conduct road safety audits of locations seeking HSIP funding</del> <b>combined</b>
TPC	Planning	Data collection / software / equipment or devel./implement of PbP system	Funding to assist w ith performance-based planning
<del>TPC</del>	<del>Planning</del>	<del>Development / implementation of Performance-based Planning manage. program</del>	<del>Funding to assist with performance-based planning</del> <b>combined</b>
TPC	Planning	Safety data collection / analysis and improvement of data	Funds to assist in the collection of safety data and analysis of the data
TPC	Planning	Transportation safety planning or road safety audits	Funds to specifically conduct transportation safety planning or road safety audits

# Recommended programs

## 3PC

- Complete streets
- Multi-use trails

## EMPC

- Air quality
- Environment

## LUC

- Quality of place

## STC

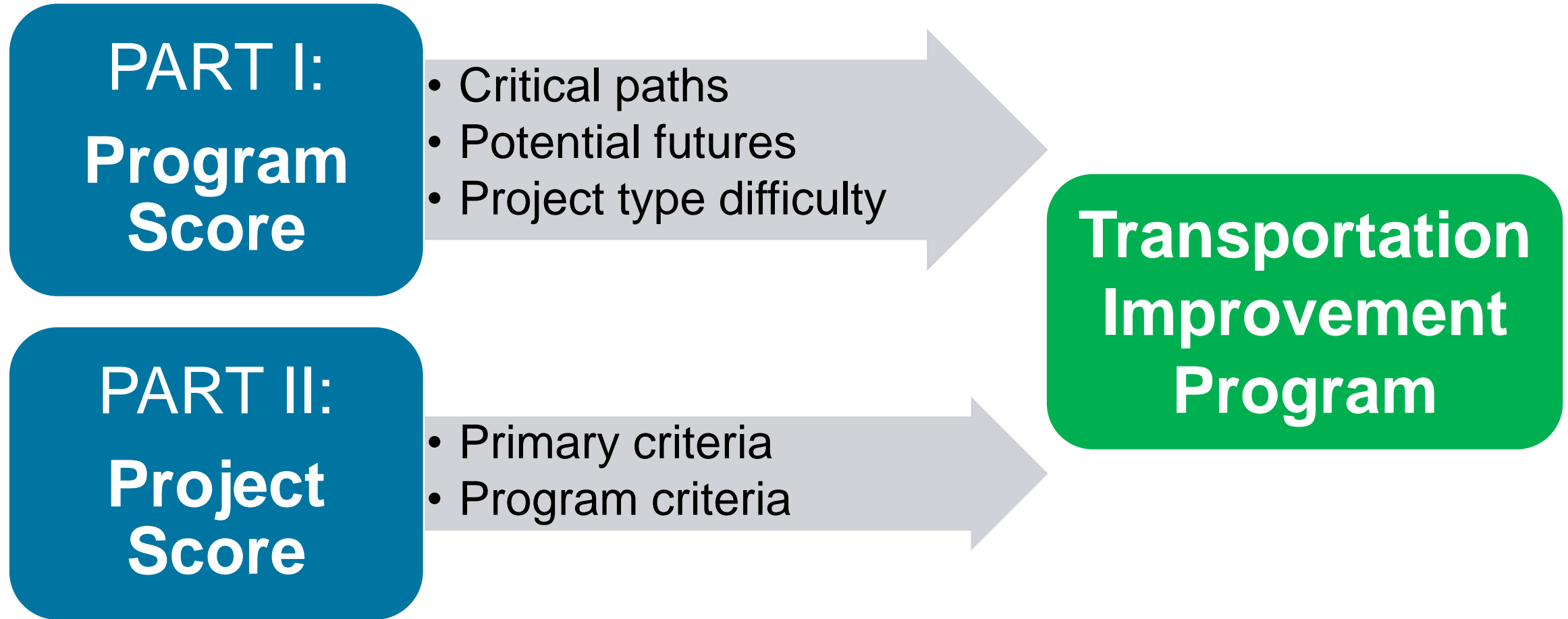
- New roadways
- Roadway improvements

## TOR

- Asset management
- Customer experience
- Expansion
- Operating
- Safety



# New programmatic approach



# PART I: Program evaluations

Proposed project evaluation criteria and weights

# Evaluating programs

## step 1



Qualitatively evaluate project types impact on critical paths. Consider direct and indirect benefits.

High impact = 1  
 Medium impact = 1/2  
 Low impact = 0



## step 2

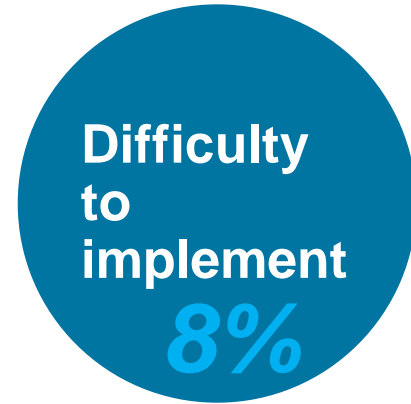


Qualitatively evaluate project types impact on futures. Consider direct and indirect benefits.

High impact = 1  
 Medium impact = 1/2  
 Low impact = 0



## step 3



Qualitatively evaluate project types difficulty to implement.

High impact = 1  
 Medium impact = 1/2  
 Low impact = 0



## step 4











Rank project types based on their score.

*Average staff score was 50*



# step 1 Evaluate project's impact on critical paths

NW 2050 plan focus areas

<p><b>Critical paths to achieving NWI's 2050 vision</b></p>	 <p><b>Connected NWI /</b> NWI's people have accessible, safe, and equal opportunities for working, playing, living and learning.</p>	 <p><b>Renewed NWI /</b> NWI's urban and rural centers are places people want to come to and live in, and our environment is safe and healthy.</p>	 <p><b>United NWI /</b> NWI's diversity is celebrated, and we work together as a community across racial, ethnic, political and cultural lines for the mutual benefit of the region.</p>	 <p><b>Vibrant NWI /</b> NWI's economy is thriving, our people are well educated, growth is planned, and natural and agricultural areas are valued and protected.</p>
 <p><b>Economy + Place /</b> <i>Focusing on NWI's economy and quality of place</i></p>	<p>Update land development policies and strategies to emphasize accessibility between people and opportunities.</p>	<p>Maximize growth in existing centers to enhance civic and economic life and to protect natural areas and farmland.</p>	<p>Collaborate regionally to welcome a diversity of people and talent to achieve mixed and balanced growth.</p>	<p>Promote initiatives and policies to ensure healthy living, sustainability, quality of life, and prosperity.</p>
 <p><b>Environment /</b> <i>Focusing on NWI's environmental quality</i></p>	<p>Connect fragmented natural areas and integrate links between people and green spaces to increase resiliency and health outcomes.</p>	<p>Clean and protect the air, land, water, and natural habitats to sustain and enhance the environment's safety and health for all.</p>	<p>Build region-wide coalitions to advance environmental sustainability for the benefit of future generations.</p>	<p>Endorse innovative energy and environmental strategies to achieve a balance that protects diverse and unique ecological treasures while fostering a sustainable economy.</p>
 <p><b>Mobility /</b> <i>Focusing on NWI's transportation choices</i></p>	<p>Complete roadway, bicycle, sidewalk, and transit networks across municipal and county lines to enhance safe and efficient access to opportunities for all.</p>	<p>Improve roadway, bicycle, sidewalk, and transit networks to revitalize existing urban and rural centers and enhance equity.</p>	<p>Prioritize transformative investments to elevate the position of the region and to attract a diversity of residents and high-quality economic opportunities.</p>	<p>Adopt technological innovation that enhances the safe and fluid movement of people and goods to enable a flourishing economy.</p>
 <p><b>People + Leaders /</b> <i>Focusing on NWI's people and community leaders</i></p>	<p>Commit to removing barriers and obstacles to guarantee equal and accessible opportunities.</p>	<p>Focus educational and workforce development initiatives on expanding skills that the modern economy requires.</p>	<p>Foster better communications, cooperation and coordination to bring people together across the lines that divide us.</p>	<p>Embrace a dynamic, diversified and sustainable economy that attracts and retains talent, enhances quality of life, and increases personal and household income.</p>

# Potential futures for NWI 2050

## step 2 Evaluate project's impact on future scenarios

### NEW CHANCES FOR A NEW FRONTIER



**New chances for  
a new frontier**

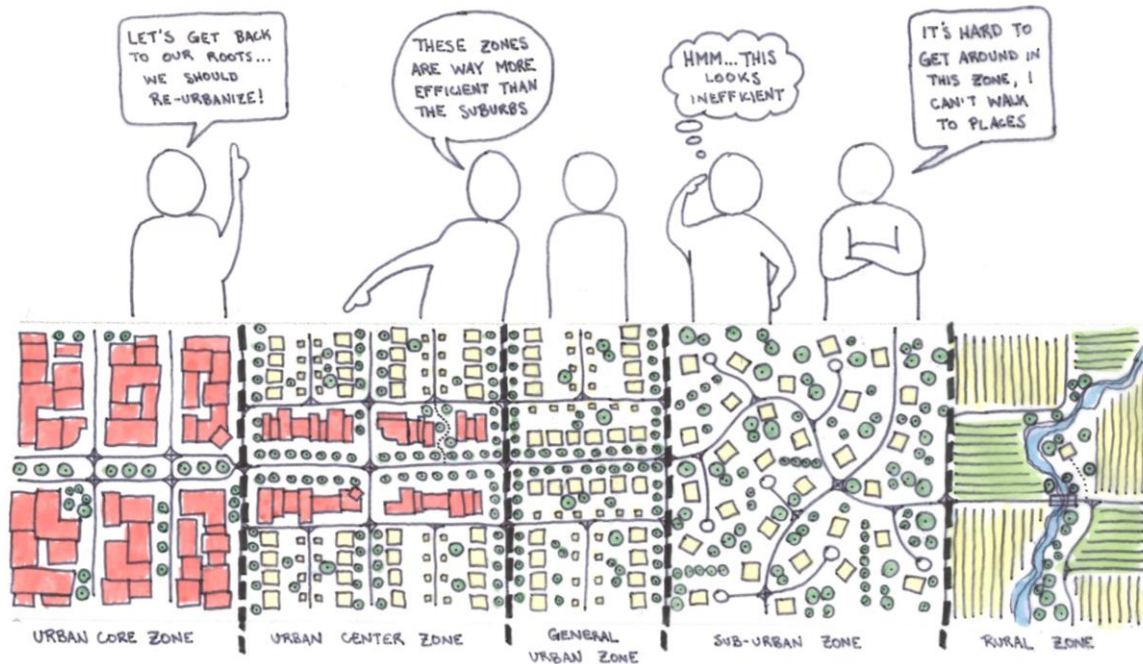
*A future shaped by rapid  
technological change and  
NWI's abundant source of  
fresh water.*

*In this future, the Region's  
population grows rapidly and  
the economy is driven by  
technological changes. New  
solutions are required for  
new times.*

# Potential futures for NWI 2050

## step 2 Evaluate project's impact on future scenarios

### SHARP & IN FOCUS



### Sharp and in focus

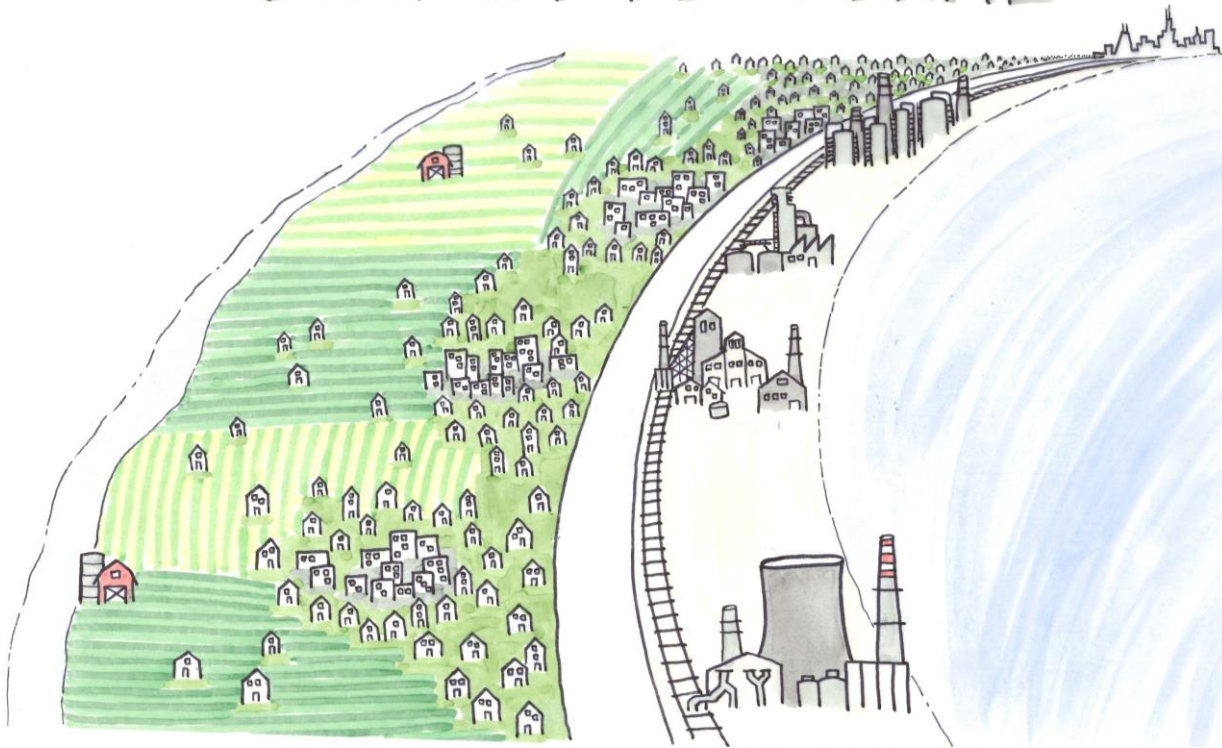
*A future influenced by technological change but at a pace that allows NWI to adapt and grow with change.*

*In this future, the Region's population grows but not quickly enough to escape the issue with the aging population. The environment is healthy.*

# Potential futures for NWI 2050

## step 2 Evaluate project's impact on future scenarios

### STAY IN YOUR LANE



#### Stay in your lane

*A future that resembles the Region like we know it today. Growth is slow, the connection to Chicago remains important to the economy and industry is key.*

*In this future, the Region's population stays steady but is at risk due to the aging population, and the balance between environment and growth remains and issue.*

## step 3 Evaluate project's difficulty

### Low

A project type may be low difficulty if it has **none** of the following known factors that make implementation difficult:

### Medium

A project type may be medium difficulty to implement if it has **one** of the following known factors that make implementation difficult:

### High

A project type may be highly difficult to implement if it has **more than one** of the following known factors that make implementation difficult:

1. Significant ROW takings
2. Utility easements
3. Requires cooperation of railroads
4. Lack of institutional capacity locally, regionally, or on the state level to implement
5. Securing local match is routinely problematic
6. Ownership and maintenance

# LUC programs

Presented below are initial scores computed by staff

Today we will take a second look with your expertise – revisions today will be presented to TPC

NIRPC committee responsible	Program category <i>NIRPC program name</i>	Project type <i>eligible projects by FHWA/FTA rules</i>	Project type description	Investment impact on regional vision and plan focus areas <i>80% High = 1 Med = 1/2 Low = 0   Mobility worth 2x other focus areas</i>																Investment impact on future scenarios <i>High = 14 of score Med = 18 of score Low = 0</i>			Investment difficulty factor 8%	Final impact score
				Connected				Renewed				United				Vibrant				New chances for a new frontier	Sharp and in focus	Stay in your lane		
				Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders					
LUC	Quality of place	Divided highway conversion to boulevards	Projects to improve the livability of FA arterial roadways	1/2	1/2	1	1/2	0	1	1/2	0	0	1	1/2	0	1	1	1	1/2	M	H	H	L	66
LUC	Quality of place	Traffic calming	Treatments that reduce travel speed and improve ped/bike comfort	1	1/2	1	1	1	1/2	1	0	0	1/2	1/2	0	1	1	0	1/2	H	H	M	M	62
LUC	Quality of place	Inventory / control / removal of outdoor advertising	Funds to reduce billboards/signage to improve beauty along FA roadways	1/2	0	0	0	1/2	0	1/2	1/2	0	0	1/2	1	1	1/2	1	1	H	H	L	L	52
LUC	Quality of place	Roadway expansion	Widening of roadways to address congestion	1	0	1	0	1/2	0	1/2	0	0	0	1/2	1/2	0	0	0	0	L	M	H	M	34
LUC	Quality of place	Historic preserve of historic transportation facilities	Funds to preserve historic transportation facilities	1/2	0	0	0	1	1/2	0	0	0	1/2	1/2	0	1	1	0	1/2	M	M	L	M	32
LUC	Quality of place	Turnouts / overlooks	Projects that provide for parking at scenic locations	1/2	1/2	0	0	0	0	0	0	0	0	1/2	0	0	0	0	1/2	M	M	M	M	20

# PART II: Project evaluations

Proposed project evaluation criteria and weights

# Criteria for every project

Access + connections



Cost effectiveness



Economic generation



Environmental benefits



Local policy + plan support



Up to 100 points

*Evaluating a project's ability to make new connections, fill gaps, or increase access*

*Evaluating a project's cost effectiveness*

*Evaluating a project's impact on generating economic benefits*

*Evaluating a project's benefits to the environment*

*Evaluating a project's consistency and support of local policy and plans*

Regional policy + plan support



Partnerships



Project readiness



Safety



Social equity

*Evaluating a project's consistency and support of regional policy and plans*

*Evaluating a project's support from partners*

*Evaluating a project's readiness for construction*

*Evaluating a project's benefits for a safer transportation system*

*Evaluating a project's benefits towards social equity*



# LUC programs

Program	Access & Connections	Cost Effectiveness	Economic Generation	Environmental Benefits	Local Policy & Plan Support	Partnerships	Project Readiness	Regional Priority	Safety	Social Equity
<b>Quality of Place</b>	<ul style="list-style-type: none"> <li>- Walk score of project area</li> <li>- Improve connectivity to main centers &amp; major roads</li> <li>- Transit Availability</li> <li>- SOV reduction</li> <li>- Ease of Mobility</li> <li>- Highly accessible area</li> <li>- Congestion mitigation</li> </ul> <p>Points: 25</p>	<ul style="list-style-type: none"> <li>- Retrofit</li> <li>- Construction materials options</li> </ul> <p>Points: 5</p>	<ul style="list-style-type: none"> <li>- Attract business to come to area</li> <li>- Amenities</li> <li>- Jobs &amp; housing increase</li> <li>- TOD</li> </ul> <p>Points: 10</p>	<ul style="list-style-type: none"> <li>- Green infrastructure standards</li> <li>- Emission reduction &amp; air quality</li> <li>- Stormwater management</li> <li>- Promote scenic area</li> </ul> <p>Points: 5</p>	<ul style="list-style-type: none"> <li>- Citation in comprehensive plan</li> <li>- Local CLC/TOD plan</li> <li>- Redevelopment plan</li> <li>- Traffic studies</li> </ul> <p>Points: 10</p>	<ul style="list-style-type: none"> <li>- Businesses</li> <li>- Foundations</li> <li>- INDOT</li> <li>- FTA/FHWA</li> <li>- Municipalities</li> </ul> <p>Points: 5</p>	<ul style="list-style-type: none"> <li>- Overmatch</li> <li>- Precedent with project</li> <li>- Shovel ready</li> </ul> <p>Points: 10</p>	<ul style="list-style-type: none"> <li>- CLC</li> <li>- 2040</li> <li>- G+B Plan</li> <li>- Wayfinding Guide</li> <li>- RDA Plan</li> <li>- INDOT</li> </ul> <p>Points: 15</p>	<ul style="list-style-type: none"> <li>- Crashes for all types</li> <li>- Safe access for all vehicles</li> <li>- Universal Design</li> </ul> <p>Points: 10</p>	<ul style="list-style-type: none"> <li>- Location within EJ area</li> <li>- Mixed income %</li> <li>- Mixed housing %</li> </ul> <p>Points: 5</p>