



# TRANSPORTATION FUNDING

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Snyder & Union Counties  
March 29th, 2018





# AGENDA

- ❑ Welcome & Introductions
- ❑ Housekeeping Items
- ❑ Transportation Funding Programs
- ❑ Keys to a Successful Application & Project
- ❑ Final Q&A



# MAIN TRANSPORTATION FUNDING PROGRAMS

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# DCED Multimodal Transportation Fund (MTF)



*Funds to improve transportation assets that enhance communities, pedestrian safety, and transit revitalization*





# MTF Eligible Applicants



- ***Municipalities*** (Borough, City, County, School District, Township)
- *Council of Governments*
- *Business*
- *Economic Development Organizations*
- *Public Transportation Agency*
- *Ports/Rail Freight Owners/Operators*



# MTF Overview



- \$100,000 to \$3,000,000 Projects
- **30%** Local **CASH** Match
- Cost Reimbursement Program
- 2% can be used for project administration
- 10% for engineering, design and inspection services
- March 1 – July 31<sup>st</sup> Application Window

**\$100**  
APPLICATION  
FEE



# MTF Eligible Projects



Airport



Rail



Bike/Ped



Streets



Bridge



Transit



# MTF Funded Projects



PROJECT	LOCATION	FUNDING
Beaver Run Road Reconstruction	Lewis Township	\$248,000
Milton Streetscape	Milton Borough	\$588,202
Dutch Hollow Bridge Replacement	Pine Creek Township	\$280,000
Street, Sidewalk & Curbs	Renovo Borough	\$371,000
Cannery Road/16 Street Improvement	Point Township	\$875,000
Bridge Deck, Barrier & Sidewalk	Danville Borough	\$500,000



# PENNDOT Multimodal Transportation Fund (MTF)



*Funds to improve transportation assets that enhance communities, pedestrian safety, and transit revitalization*





# MTF Eligible Applicants **pennsylvania** DEPARTMENT OF TRANSPORTATION

- ***Municipalities*** (Borough, City, County, School District, Township)
- *Council of Governments*
- *Business*
- *Economic Development Organizations*
- *Public Transportation Agency*
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# MTF Overview



- *\$100,000 to \$3,000,000 Projects*
- *30% Local CASH Match*
- *Cost Reimbursement Program*
- *2% can be used for project administration*
- *10% for engineering, design and inspection services*
- *Application period usually opens in the fall*



# MTF Eligible Projects



Airport



Rail



Bike/Ped



Streets



Bridge



Transit



# MTF Funded Projects



PROJECT	LOCATION	FUNDING
Shoemaker Road Reconstruction	Wayne Township	\$1,225,000
Pedestrian Island Construction	State College Boro.	\$100,000
Trade & Transit Center	Lycoming County	\$3,000,000
West End Bike/Pedestrian Improvements	State College Boro.	\$160,000
SEDA-COG Joint Rail Authority	Clinton County	\$3,000,000
T-321 Road Reclamation	Tuscarora Township	\$245,000



# Automated Red Light Enforcement (ARLE)



*Fund a wide range of relatively low-cost projects to improve highway safety and mobility.*





# ARLE Eligible Applicants



- ***Municipalities*** (Borough, City, County, Township)
- *Metropolitan Planning Organizations (MPO's)*
- *County Planning Organizations*
- *Commonwealth Agencies*
- *Bodies with authority to enact traffic laws*



# ARLE Overview



- *Relatively low cost projects*
- **NO** *Local Match required....but encouraged*
- *Cost Reimbursement Program*
- *Application window June 1<sup>st</sup> to June 30<sup>th</sup>*



# ARLE Eligible Projects



Signal  
Retiming



Signal  
Removal



Detection



Improved  
Radii



Adaptive  
Signals



Pedestrian  
Safety

Over 26 Eligible Project Types Listed



# ARLE Funded Projects



PROJECT	LOCATION	FUNDING
Upgrade existing intersection traffic signal	Danville Borough	\$211,900
Install new traffic signal at intersection	Derry Township	\$391,000
Upgrade traffic signal and school zone	East Buffalo Township	\$77,549
New controllers, battery backup, etc.	Porter Township	\$57,600
Upgrade/replace school zone flasher	Patton Township	\$108,964
Replace intersection pavement markings	Boggs Township	\$2,900



# Green Light Go



*Funds to improve safety and mobility by reducing congestion and improving efficiency of existing traffic signals on state and local highways.*





# Green Light Go Eligible Applicants

- ***Municipalities*** (Borough, City, County, Township)
- *Metropolitan Planning Organizations (MPO's)*





# Green Light Go Overview



- *Existing Traffic Signal Operations Improvement*
- *Priority: Safety, Mobility and Congestion Reduction*
- *\$40 million available statewide*
- **20%** *Local Match*
- *Cost Reimbursement Program*
- *2017 Application window Sept. 2nd to Nov. 9th*





# Green Light Go Eligible Projects



Detection



Signal  
Removal



Retiming



LED Bulbs



Adaptive  
Signals



Controller  
Upgrades





# Green Light Go Funded Projects



PROJECT	LOCATION	FUNDING
Retime 10 Signalized Intersections	Danville Borough	\$55,440
N. 4 <sup>th</sup> and Arch Street Traffic Light Upgrade	City of Sunbury	\$354,332
Retime SR 0045 @ 3 <sup>rd</sup> and 4 <sup>th</sup> Streets	Mifflinburg Borough	\$55,331
Traffic Signal Replacement Northway Road	Loyalsock Township	\$129,500
Vehicle Detection Upgrades West College	Ferguson Township	\$80,000
East College Ave Pedestrian Signals	College Township	\$200,083





# SEDA-COG Transportation Improvement Program (TIP)

*The 8 county region's list of priority projects. The TIP contains multi-modal projects, including traditional highway, bridge and transit projects, along with bicycle, pedestrian, aviation, and freight-related improvements.*





# TIP Overview - Bridges



- *Mostly for bridge replacement, removal or rehabilitation*
- *\$1 million available per year across five counties*
- *Typical project size \$750,000 to \$1.5 Million*
- *Match varies*
  - *20% for state funded projects*
  - *5% for federally funded projects*
- *Candidate projects reviewed with counties every 2 years*



# Other Types of Projects Eligible for the TIP



Rail Crossing



Transit



Safety  
Improvements



Curb cuts and  
intersection  
improvements  
(ADA)



# SEDA-COG TIP Funded Projects

PROJECT	LOCATION	AMOUNT
CSVN North Section	Union County	\$20,000,000
T-469 over Swift Run	Spring Township	\$960,000
US 522 Bridge over Middle Creek	Middle Creek Township	\$2,855,075
T-309 Bridge over Penns Creek	Hartley Township	\$2,700,000
US 11 from 522 to Roosevelt	Snyder County	\$2,550,000
I-80 Westbound Surface Treatment	White Deer Township	\$5,575,392



# Transportation Alternatives Set Aside

Funding for transportation alternatives: on- and off-road bicycle and pedestrian facilities, infrastructure for non-driver access to public transportation and enhanced mobility, community improvement, environmental mitigation, recreational trails and safe routes to school.



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# TA Set-Aside Eligible Applicants



- ***Municipalities*** (Borough, City, County, Township)
- Schools
- Transit Agencies
- Natural Resource/Public Land Agencies
- Local/Regional governments responsible for transportation or trails
- Nonprofit entities responsible for transportation safety

*Most nonprofits  
remain ineligible!*



# TA Set-Aside Overview



- *Cost Reimbursement Program*
- **100%** *Construction Funding*
- *No Local Match*
- *Project Sponsor Pays for Design, Permitting, etc.*
- *\$50,000 to \$1,000,000 per project*
- *2019 Next Anticipated Application Round*



# TA-Set Aside Eligible Projects

Bike/Ped Facilities



Historic Preservation



Rail Trails



Safe Routes to School



Advertising Management



Archaeological Activities



Vegetation Management



Managing Stormwater



Wildlife Mortality





# TA/TAP Funded Projects



PROJECT	LOCATION	FUNDING
Phase VI East 2 <sup>nd</sup> Streetscape	Town of Bloomsburg	\$459,600
Chestnut Street Improvements Phase II	City of Sunbury	\$640,000
Monument Square Phase V	Lewistown Borough	\$608,800
Buffalo Valley Rail Trail Extension	Lewisburg Borough	\$485,300
Streetlight & Safety Improvements	Selinsgrove Borough	\$402,500
Broadway Streetscape Phase I	Milton Borough	\$495,250
Miller Run Greenway Phase I	Loyalsock Township	\$765,000



# TRAILS ONLY

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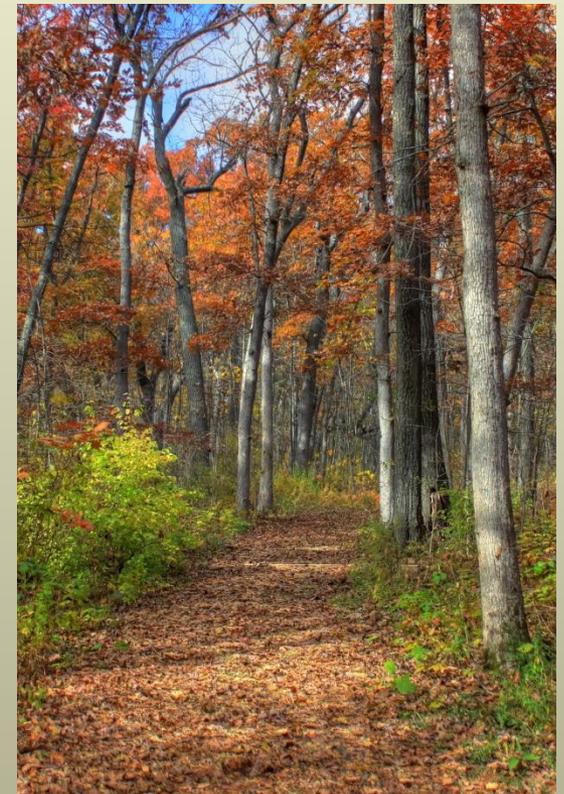
- Greenway, Trails & Recreation Program (DCED)
- Community Conservation Partnerships Program (DCNR)



# Greenway, Trails & Recreation Program (GTRP)



*Funds for planning, acquisition, development, rehabilitation and repair of greenways, recreational trails, open space, parks and beautification projects.*





# GTRP Eligible Applicants



- ***Municipalities*** (Borough, City, County, School District, Township)
- *Council of Governments*
- *Authorized Organizations – 501(c)(3)*
- *Higher Education Institutions*
- *Watershed Organizations*
- *For Profit Business*



# GTRP Overview



- *\$250,000 Grant Limit*
- **15%** Local **CASH** Match
- *Cost Reimbursement Program*
- *2% for Project Administration*
- *10% for Engineering, Design & Inspection Services*
- *2018 Application window Feb. 1<sup>st</sup> – May 31<sup>st</sup>*

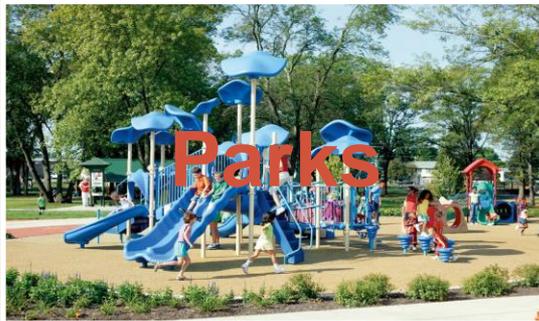
**\$100**  
APPLICATION  
FEE



# GTRP Eligible Projects



Acquisition



Development

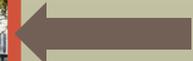
Planning



Motorized

+

Non-Motorized





# GTRP Funded Projects



PROJECT	LOCATION	AMOUNT
Liberty Hollow Run Trail	Northumberland Borough	\$94,000
Mountain Bike Trails	AOAA Northumberland Co.	\$222,000
Indian Park Nature Trail	Montoursville Borough	\$80,000
Bellefonte to Milesburg Trail Study	Centre County	\$70,000
Basin Street to Riverwalk Trail	Lycoming County	\$180,000
Juniata River Trail	Mifflin County	\$230,000



# Community Conservation Partnerships Program (C2P2)

*Funds for parks, recreation and conservation including the acquisition, planning, development, rehabilitation, or maintenance of designated land or water trails.*



**pennsylvania**  
DEPARTMENT OF CONSERVATION  
AND NATURAL RESOURCES



# C2P2 Eligible Applicants

- ***Municipalities*** (Borough, City, County, School District, Township)
- *Municipal Entities* (i.e. Recreation Authority)
- *Non-Profit Organizations*
- *Federal & State Agencies*
- *For Profit Organizations*



# C2P2 Overview



- *Funds for Trail Acquisition, Planning, & Development*
- **50% Local Match**, 20% Match for some projects
- *Cost Reimbursement Program*
- *2018 Application window Jan. 22 to April 11*
- *Contact DCNR Regional Advisor Wes Fahringer!*



# C2P2 Eligible Projects



**Acquisition**

**Motorized**

**Planning**

**Multi-use**

**Development**

**Parks**





# C2P2 Funded Projects



PROJECT	LOCATION	AMOUNT
Pine Creek Trail Connector	Jersey Shore Borough	\$380,000
Buffalo Valley Rail Trail Acquisition	Union County	\$150,000
Anthracite Outdoor Adventure Area	Northumberland County	\$1,750,000
Susquehanna River Walk	Lycoming County	\$413,400
Berwick Riverfront Trail	Berwick Borough	\$100,000
Loyalsock Riverfront Park Trail	Loyalsock Township	\$174,600
Buffalo Valley Rail Trail Extension	Union County	\$488,000



# OTHER FUNDING SOURCES

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- Appalachian Regional Commission (ARC)
- Community Development Block Grants (CDBG)
- Dirt and Gravel Roads Program
- Rail Freight Assistance Program (RFAP)



# ARC Local Access Road Program



*Funds to better link the Region's businesses, communities, and residents to the Appalachian Development Highway System and to other key parts of the Region's transportation network.*





# ARC Local Access Road Overview

## Eligible Projects

- *Construction of Access Roads and Driveways*
- *Construction of on-alignment improvements (turn lanes and signals)*
- *Rehabilitation of existing access roads*

## Requirements

- *Projects Must Support **Two** or **More** employers*
- *Developer or municipality pays for design*
- ***NO** Local Match Required for Construction....but Encouraged*
- *Cost Reimbursement Program*



# Community Development Block Grant Program



*Funds can be used for housing rehabilitation, public services, community facilities infrastructure development, development and planning*



- *Must be able to demonstrate benefit to low to moderate income residents*
- *Special process required to mix CDBG funds with TIP or other PennDOT funds*
- *Transportation projects compete with many other eligible uses*
- *Local match may be necessary to develop a competitive project*



# Examples of recent CDBG project applications

## Road Reconstruction

- *Park Roadway and Drainage Improvements (Hartleton)*
- *W 6th, W 8th Pine Chestnut Alley (Berwick)*

## Sidewalk

- *Montoursville Homeowner Sidewalk Reconstruction*

## Bridge

- *Black Run Road Bridge (Buffalo Township)*



# Dirt, Gravel, and Low Volume Road (DGLVR) Program



*Funds projects that improve drainage and reduce the impact of public road runoff and sediment to streams.*





# DGLVR Eligible Applicants



- *Any state or local public entity that owns and maintains public roads*
- *Most applicants are townships, but boroughs, cities, counties, PA Game Commission, PennDOT, PA Fish and Boat Commission, DCNR, and others are eligible to apply*
- *Environmentally Sensitive Maintenance (ESM) training requirement*

Free ESM training classes can be found at:

<https://www.dirtandgravel.psu.edu/>



# DGLVR Overview



Union & Snyder County  
Conservation Districts

- *Relatively low cost projects*
- **NO** *Local Match required....but in-kind often contributed*
- *Statewide funding and guidance from the State Conservation Commission*
- *County conservation districts, and their associated Quality Assurance Boards, develop local policies and award grants to public road-owning entities*



# DGLVR Eligible Projects



Cross Pipes

Seeding & Mulching

French Mattresses

Underdrains

Driving Surface  
Aggregate (DSA)

Rock Lined Outlets

Only projects that provide some form of environmental benefit, typically by reducing sediment and concentrated drainage to waterways, should be considered for funding.



# DGLVR Funded Projects



Union & Snyder County  
Conservation Districts

PROJECT	LOCATION	FUNDING
Lime/Arnold Road Rehabilitation	Chapman Township	\$106,185
Ritter Ridge Road Box Culvert	Beaver Township	\$76,925
Shaffer Hill Road Drainage and DSA	Washington Township	\$47,031
Turtle Creek Road Dust Suppressant	East Buffalo Township	\$18,000
Skunk Hollow Road Fill, Berm, Bank work	Buffalo Township	\$33,578
3 miles of improvements on White Deer Pike (PennDOT road): 60+ cross pipes with headwalls and endwalls, underdrain, subbase repairs, DSA	West Buffalo and Lewis Townships	\$243,542



# Rail Freight Assistance Program (RFAP)



*Funds projects that (1) preserve essential rail freight service where economically feasible, and (2) preserve or stimulate economic development through the generation of new or expanded rail freight service.*





# RFAP Overview



- *Maintenance projects*
- *New construction projects*
- *\$10 million available annually*
- *30% match required*
- *Railroad companies, municipalities, municipal authorities, transportation organizations, and shippers can apply*



# RFAP Funded Projects



PROJECT	LOCATION	FUNDING
Rehab West Park track, ditching, drainage	Mifflin County	\$145,021
Replace turnouts and 1,500' of track	Mifflin County	\$303,450
Rehab track, replace turnout & culverts	Centre County	\$298,232
Repair stone masonry box culvert	Union County	\$217,000
Construct turnout and 500' of track	Union County	\$250,000
Construct 800' of track	Lycoming County	\$224,000



# KEYS TO SUCCESS

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Tips for a Better Application



# Pre-Application

## Start Early

- Purpose/Goal
- Planning
- Project Scope
- Get Help

## Communicate

- Stakeholders
- PennDOT
- MPO
- County

## Consistent

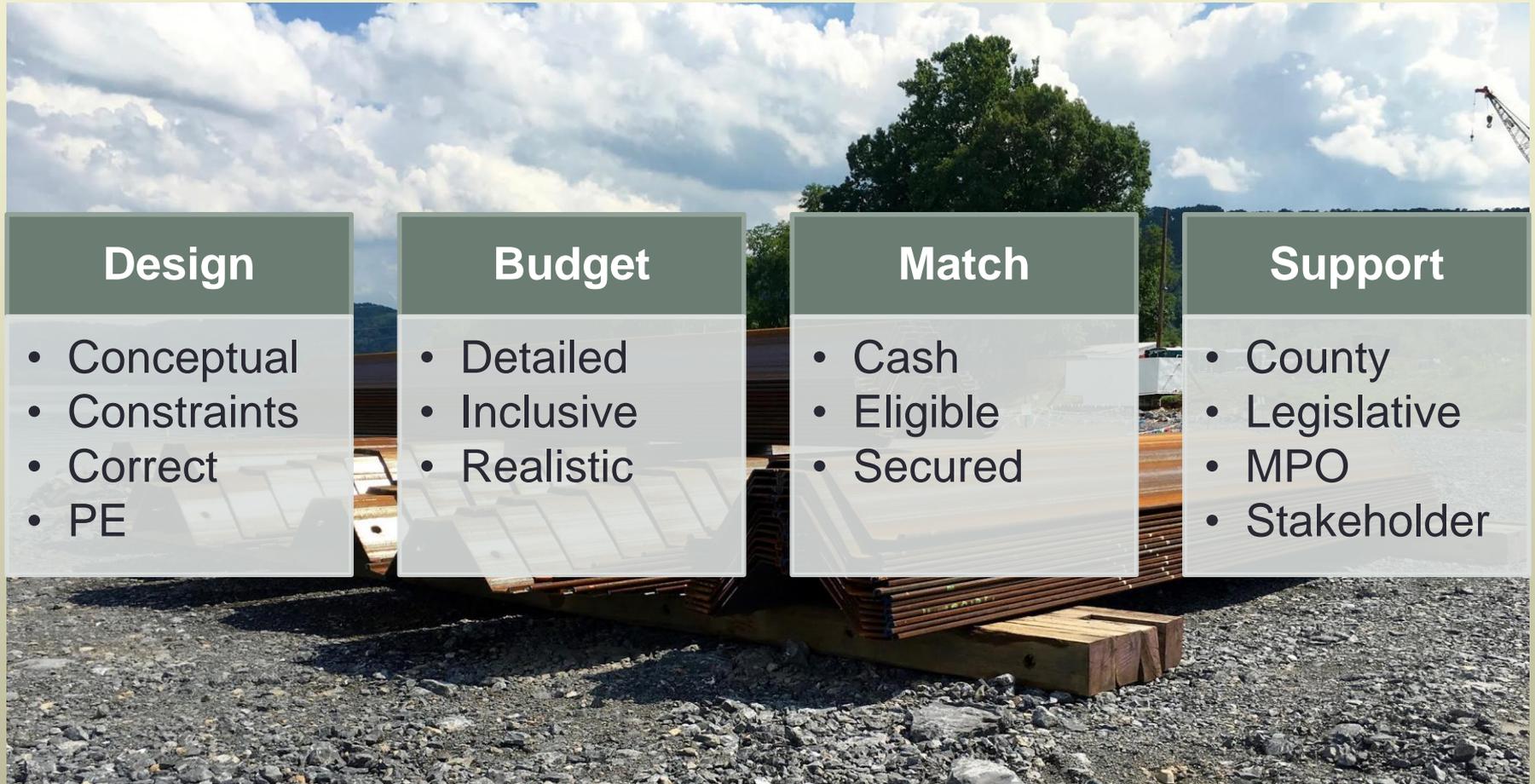
- Comp Plan
- LRTP
- Corridor Plan
- Priority

## Funding

- Options
- Best Source
- Align
- Communicate



# Pre-Application



## Design

- Conceptual
- Constraints
- Correct
- PE

## Budget

- Detailed
- Inclusive
- Realistic

## Match

- Cash
- Eligible
- Secured

## Support

- County
- Legislative
- MPO
- Stakeholder

**BE READY BEFORE FUNDING WINDOW IS ANNOUNCED!**



# Application – General Tips

- Review application and guidance
- Know evaluation criteria
- Get organized, come up with a plan
- Use ingredients from pre-application
- Develop hook
- Think like reviewer





# Application Checklist

Follow Directions/Guidance

Get assistance

100% complete

Concise & Straightforward

Demonstrate Project Need

Articulate Project Benefits

Explain Regional Significance

Planning Consistency

Demonstrate Readiness

Justify Costs

Relevant Support Documents

Communicate with Partners



# Evaluation Criteria

- ✓ Readiness for Implementation
- ✓ Public benefit
- ✓ Safety, mobility, & economic benefits
- ✓ Planning consistency
- ✓ Regional and statewide significance





# Evaluation Criteria

- ✓ Reasonable cost– is it cost effective
- ✓ Technically feasible
- ✓ Local support, stakeholder involvement
- ✓ Level of matching funds – leveraged funds
- ✓ Do resources exist to maintain?

Excellent

Very good

Good

Average

Poor





# 10 Common Problems

- 1** Not a fundable project- doesn't meet criteria
- 2** Just Not Ready- deliverability concerns
- 3** Match not secured
- 4** Incomplete information
- 5** Budget issues – inaccurate, cost effectiveness



# 10 Common Problems

**6** Not linked to or consistent with planning

**7** Public not involved

**8** Poor design

**9** No consultant or qualified engineer

**10** Too many constraints, constructability



# Post Application

**CONGRATULATIONS!!!!**

1936

**PA** pennsylvania

June 1, 2018  
DATE

PAY TO THE ORDER OF ABC Municipality | \$ \$750,000

Seven hundred fifty thousand and 00/100 DOLLARS  Security Features Details on back

FOR Transportation Improvements Joe Torsella, Treasurer

⑆000000186⑆ 000000529⑆ 1000

**Not funded – why?**



**Try and try again!**



# Questions?





# Contact Information

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