



# Reimbursement/Grant Briefing

## Upper Dublin Township Board of Commissioners

November 11, 2014



**Boles Smyth**

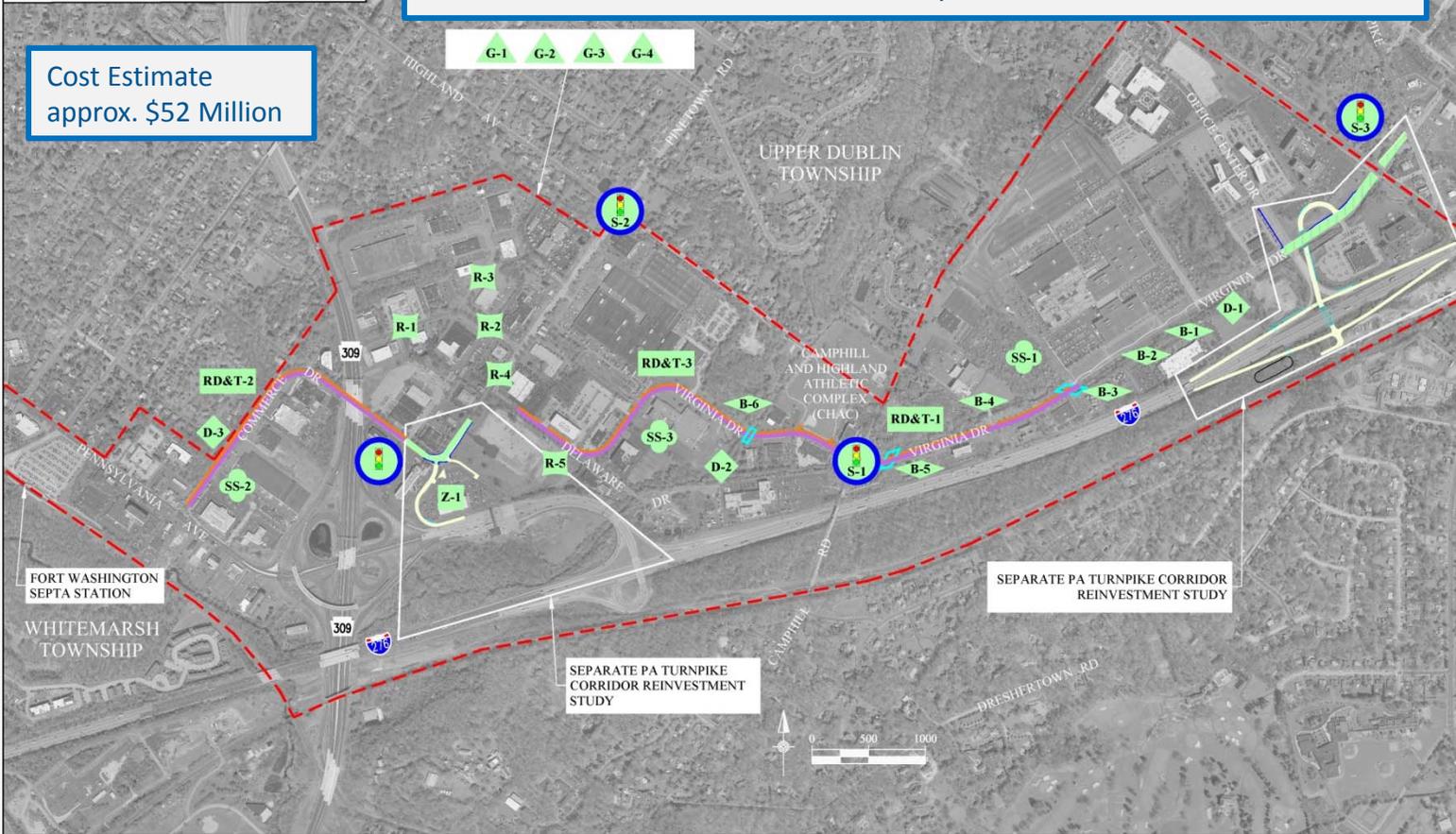
# Fort Washington Office Park Program Overview

**LEGEND**

-  NEW OR WIDENED PAVEMENT
-  MILL & OVERLAY
-  NEW OR RECONSTRUCTED STRUCTURE
-  NEW RETAINING WALL
-  NEW SIDEWALK
-  NEW TRAIL
-  NEW PAVEMENT (VIRGINIA DRIVE)
-  FT. WASHINGTON OFFICE PARK

- Transportation and Stormwater Improvements Program
  - Reinvigorate Upper Dublin tax base – Fort Washington Office Park
  - Address Flooding, Structurally Deficient bridges & Roadway Infrastructure safety/conditions
  - Introduce Road Diet & Cross County Trail

Cost Estimate  
approx. \$52 Million



- RD&T-1: RECONSTRUCT, FLATTEN CURVES, DRIVEWAY ADJUSTMENTS, UTILITY RELOCATIONS AND TRAIL ON VIRGINIA DRIVE
- RD&T-2: RECONSTRUCT, FLATTEN CURVES, DRIVEWAY ADJUSTMENTS, UTILITY RELOCATIONS AND TRAIL ON COMMERCE DRIVE
- RD&T-3: RECONSTRUCT, FLATTEN CURVES, DRIVEWAY ADJUSTMENTS, UTILITY RELOCATIONS AND TRAIL ON VIRGINIA DRIVE
- Z-1: ZIP RAMP AT 375 COMMERCE DRIVE, SIGNAL AND INTERSECTION IMPROVEMENTS
- D-1: PINE RUN CHANNEL IMPROVEMENT - A
- D-2: PINE RUN CHANNEL IMPROVEMENT - B
- D-3: BODENSTEIN CREEK CHANNEL IMPROVEMENT
- SS-1: VIRGINIA DRIVE STORM SEWER IMPROVEMENTS - A
- SS-2: COMMERCE DRIVE STORM SEWER IMPROVEMENTS
- SS-3: VIRGINIA DRIVE STORM SEWER IMPROVEMENTS - B
- S-1: CAMPHILL ROAD AND VIRGINIA DRIVE INTERSECTION IMPROVEMENTS
- S-2: PINETOWN ROAD AND HIGHLAND AVENUE INTERSECTION IMPROVEMENTS
- S-3: DRESHER, LIMEKILN, SUSQUEHANNA TRIANGLE IMPROVEMENTS
- B-1: 1125 VIRGINIA DRIVE DRIVEWAY BRIDGE REPLACEMENT - A
- B-2: 1125 VIRGINIA DRIVE DRIVEWAY BRIDGE REPLACEMENT - B
- B-3: VIRGINIA DRIVE BRIDGE REPLACEMENT OVER PINE RUN - A
- B-4: 1050 VIRGINIA DRIVE DRIVEWAY BRIDGE REPLACEMENT
- B-5: VIRGINIA DRIVE BRIDGE REPLACEMENT OVER PINE RUN - B
- B-6: VIRGINIA DRIVE BRIDGE REPLACEMENT OVER RAPP RUN
- R-1: NEW YORK DRIVE IMPROVEMENTS
- R-2: NEW JERSEY DRIVE IMPROVEMENTS
- R-3: MARYLAND DRIVE IMPROVEMENTS
- R-4: PINETOWN ROAD IMPROVEMENTS
- R-5: DELAWARE DRIVE COMPLETE RECONSTRUCTION
- G-1: FLOODWAY AND FLOODPLAIN ANALYSIS
- G-2: LAND ACQUISITION
- G-3: TOWNSHIP WAYFINDING SIGNAGE
- G-4: WETLANDS, WATER QUALITY AND MS4 IMPROVEMENTS

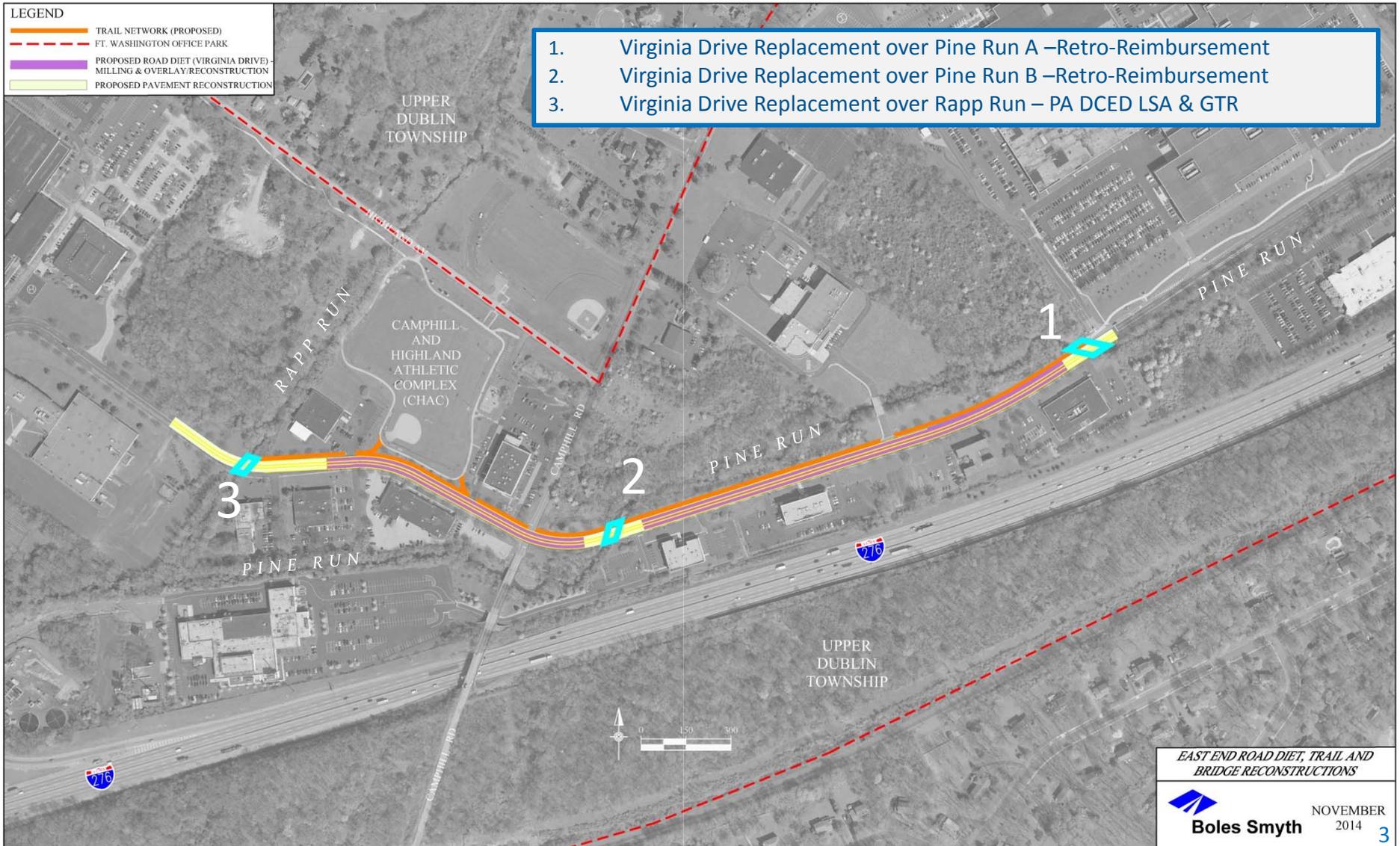
TRANSPORTATION PROGRAM  
FORT WASHINGTON OFFICE PARK

# Virginia Drive Three Bridge Replacements

**LEGEND**

	TRAIL NETWORK (PROPOSED)
	FT. WASHINGTON OFFICE PARK
	PROPOSED ROAD DIET (VIRGINIA DRIVE) - MILLING & OVERLAY/RECONSTRUCTION
	PROPOSED PAVEMENT RECONSTRUCTION

1. Virginia Drive Replacement over Pine Run A –Retro-Reimbursement
2. Virginia Drive Replacement over Pine Run B –Retro-Reimbursement
3. Virginia Drive Replacement over Rapp Run – PA DCED LSA & GTR



EAST END ROAD DIET, TRAIL AND BRIDGE RECONSTRUCTIONS

# Virginia Drive Bridge Replacement over Pine Run A

## Project Summary

- ❑ Demolish existing Virginia Drive structure over Pine Run
- ❑ Reconstruct bridge with maximized Hydraulic Opening
- ❑ Reconstruct roadway approaches and consider raising the roadway profile over Pine Run a maximum of 2 feet for a greater bridge opening
- ❑ Cross section of bridge will include a:
  - five foot sidewalk on the south side
  - three curbed roadway lanes
  - adequate area for the future construction of the 10 foot wide Cross County Trail
- ❑ Construction of the project will eliminate a Structurally Deficient and Functionally Obsolete local bridge
- ❑ Different alternative bridge types will be evaluated through the Type, Size & Location process to determine the most cost effective option that meets Project Need



Total Cost = \$2.1 Million  
Selected for: 2014 DVRPC Municipal Bridge Retro-  
Reimbursement Program  
Grant Requested = \$1.68 Million (80%)  
Grant Awarded = \$1.68 Million (80%)  
Difference = \$0.42 Million (20%)

# Virginia Drive Bridge Replacement over Pine Run B



## Project Summary

- ❑ Demolish existing Virginia Drive structure over Pine Run
- ❑ Reconstruct bridge with maximized Hydraulic Opening
- ❑ Reconstruct roadway approaches and consider raising the roadway profile over Pine Run a maximum of 2 feet for a greater bridge opening
- ❑ Cross section of bridge will include a:
  - five foot sidewalk on the south side
  - three curbed roadway lanes
  - adequate area for the future construction of the 10 foot wide Cross County Trail
- ❑ Construction of the project will eliminate a Structurally Deficient and Functionally Obsolete local bridge
- ❑ Different alternative bridge types will be evaluated through the Type, Size & Location process to determine the most cost effective option that meets Project Need

Total Cost = \$1.85 Million

Selected for: 2014 DVRPC Municipal Bridge Retro-  
Reimbursement Program

Grant Requested = \$1.48 Million (80%)

Grant Awarded = \$1.48 Million (80%)

Difference = \$0.37 Million (20%)



# Virginia Drive Bridge Replacement over Rapp Run



Total Cost = \$1.30 Million  
Selected for: PA DCED Local Share Account (LSA) &  
Greenways, Trails & Recreation (GTR) Grants  
Grant Requested = \$0.20 Million (LSA) &  
\$0.25 Million (GTR)  
Grant Awarded = \$0.20 Million from LSA (approx. 15%)  
\$0.20 Million from GTR (approx. 15%)  
Difference = \$0.90 Million (approx. 70%)

## Project Summary

- ❑ Demolish existing Virginia Drive structure over Rapp Run
- ❑ Construct new structure that maximizes Hydraulic Opening
- ❑ The culvert replacement will:
  - Clear Rapp Run of debris
  - Stabilize the stream banks
  - Improve culvert/stream channel capacity
- ❑ Different alternative bridge types will be evaluated through the Type, Size & Location process to determine the most cost effective option that meets Project Need



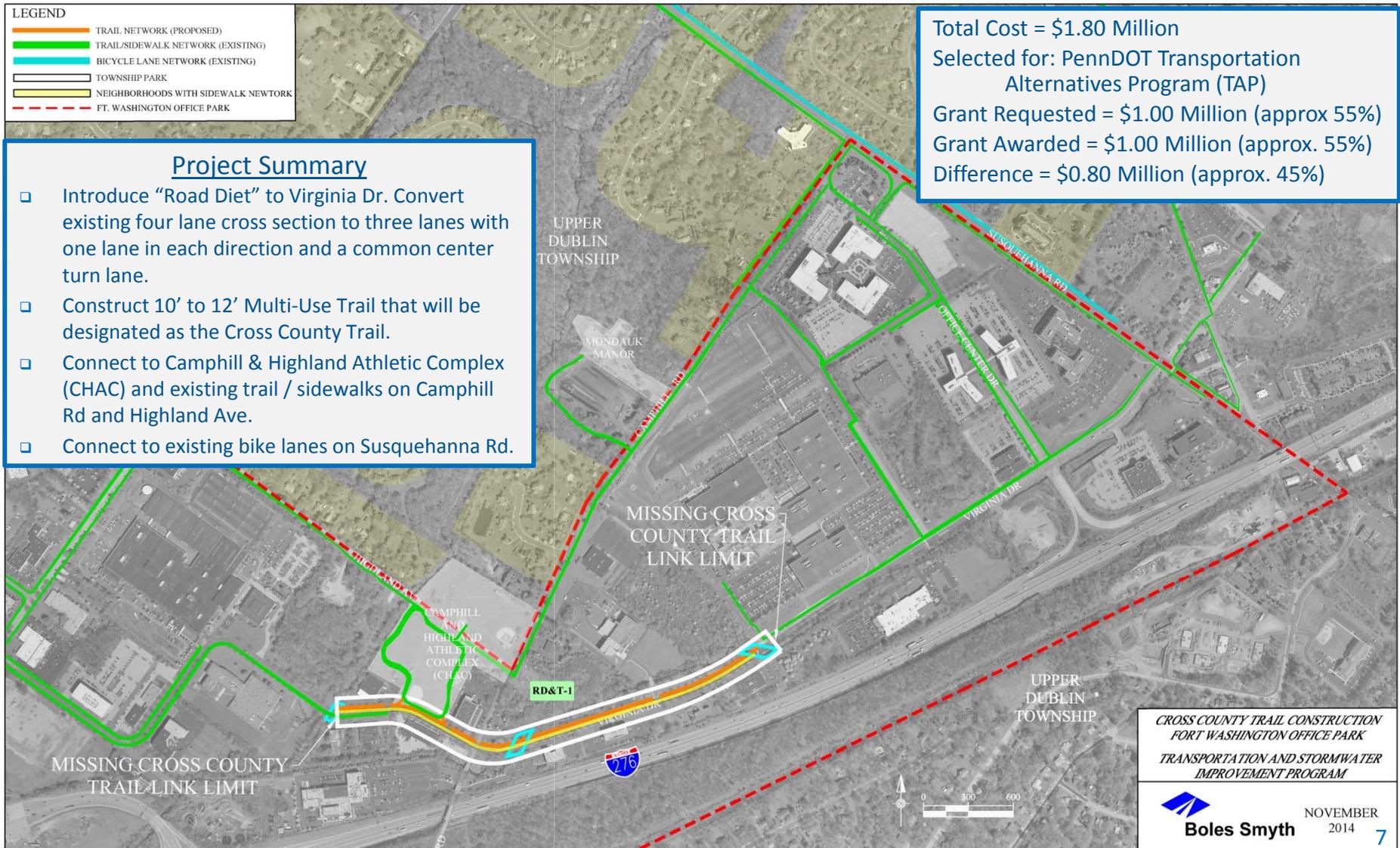
# PennDOT Transportation Alternatives Program (TAP)

LEGEND	
	TRAIL NETWORK (PROPOSED)
	TRAIL/SIDEWALK NETWORK (EXISTING)
	BICYCLE LANE NETWORK (EXISTING)
	TOWNSHIP PARK
	NEIGHBORHOODS WITH SIDEWALK NETWORK
	FT. WASHINGTON OFFICE PARK

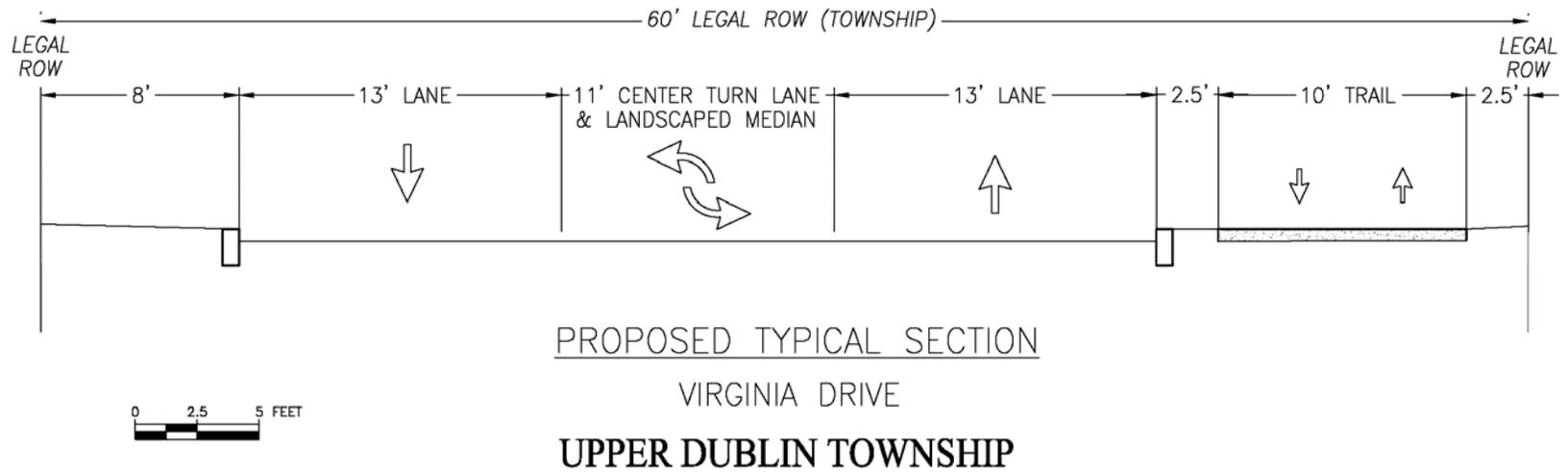
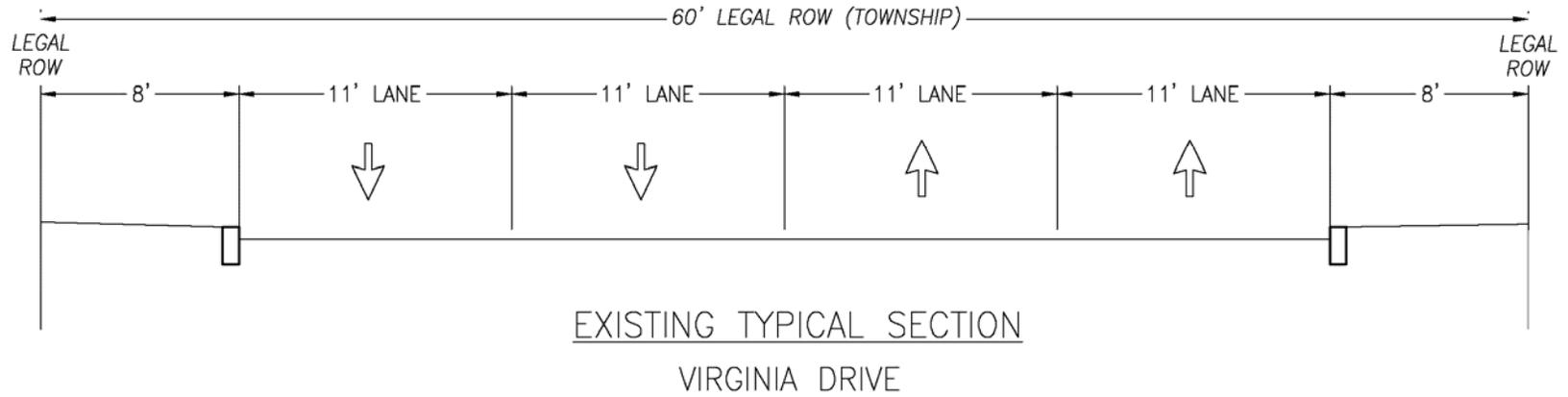
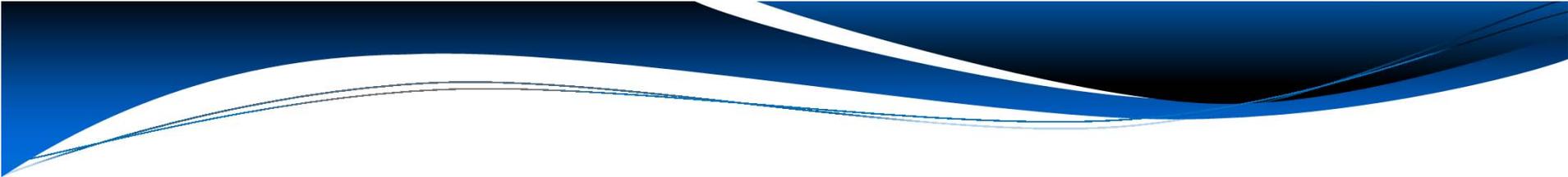
Total Cost = \$1.80 Million  
 Selected for: PennDOT Transportation Alternatives Program (TAP)  
 Grant Requested = \$1.00 Million (approx 55%)  
 Grant Awarded = \$1.00 Million (approx. 55%)  
 Difference = \$0.80 Million (approx. 45%)

## Project Summary

- ❑ Introduce “Road Diet” to Virginia Dr. Convert existing four lane cross section to three lanes with one lane in each direction and a common center turn lane.
- ❑ Construct 10’ to 12’ Multi-Use Trail that will be designated as the Cross County Trail.
- ❑ Connect to Camphill & Highland Athletic Complex (CHAC) and existing trail / sidewalks on Camphill Rd and Highland Ave.
- ❑ Connect to existing bike lanes on Susquehanna Rd.



CROSS COUNTY TRAIL CONSTRUCTION  
 FORT WASHINGTON OFFICE PARK  
 TRANSPORTATION AND STORMWATER  
 IMPROVEMENT PROGRAM



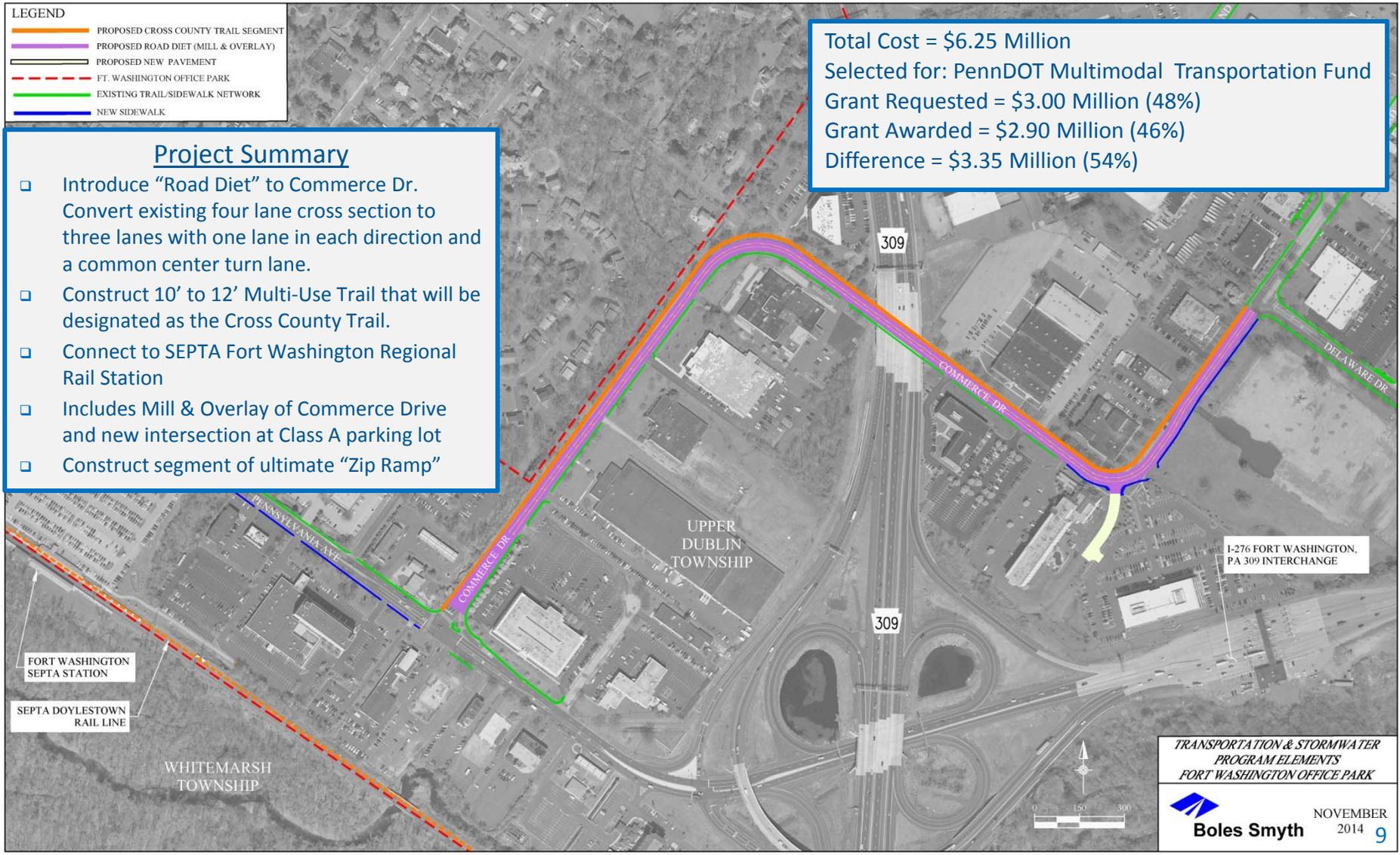
# PennDOT Multimodal Transportation Fund (MTF)

LEGEND	
	PROPOSED CROSS COUNTY TRAIL SEGMENT
	PROPOSED ROAD DIET (MILL & OVERLAY)
	PROPOSED NEW PAVEMENT
	FT. WASHINGTON OFFICE PARK
	EXISTING TRAIL/SIDEWALK NETWORK
	NEW SIDEWALK

Total Cost = \$6.25 Million  
 Selected for: PennDOT Multimodal Transportation Fund  
 Grant Requested = \$3.00 Million (48%)  
 Grant Awarded = \$2.90 Million (46%)  
 Difference = \$3.35 Million (54%)

## Project Summary

- ❑ Introduce “Road Diet” to Commerce Dr. Convert existing four lane cross section to three lanes with one lane in each direction and a common center turn lane.
- ❑ Construct 10’ to 12’ Multi-Use Trail that will be designated as the Cross County Trail.
- ❑ Connect to SEPTA Fort Washington Regional Rail Station
- ❑ Includes Mill & Overlay of Commerce Drive and new intersection at Class A parking lot
- ❑ Construct segment of ultimate “Zip Ramp”



# Reimbursements/Grants Summary

Project Title	Total Cost (Millions)	Reimbursement/Grants Awarded	Amount Awarded (Millions)	Obligation Remaining (Millions)
Virginia Drive Bridge Replacement over Pine Run 1	\$2.10 M	2014 DVRPC Municipal Bridge Retro-Reimbursement Program	\$1.68 M	\$0.42 M
Virginia Drive Bridge Replacement over Pine Run 2	\$1.85 M	2014 DVRPC Municipal Bridge Retro-Reimbursement Program	\$1.48 M	\$0.37 M
Virginia Drive Bridge Replacement over Rapp Run	\$1.30 M	PA DCED Local Shares Account (LSA)	\$0.20 M	\$0.90 M
		PA DCED Greenways, Trail & Recreation (GTR)	\$0.20 M	
Virginia Drive Road Diet & Cross County Trail	\$1.80 M	PennDOT Transportation Alternatives Program (TAP)	\$1.00 M	\$0.80 M
		PA DCNR Community Conservation Partnerships Program (C2P2)	Not Selected	
Commerce Drive Road Diet & Cross County Trail	\$6.25 M	PennDOT Multimodal Transportation Fund (MTF)	\$2.90 M	\$3.35 M
<b>TOTALS</b>	<b>\$13.30 M</b>		<b>\$7.46 M</b>	<b>\$5.84 M</b>



# QUESTIONS & COMMENTS