Cost Estimates

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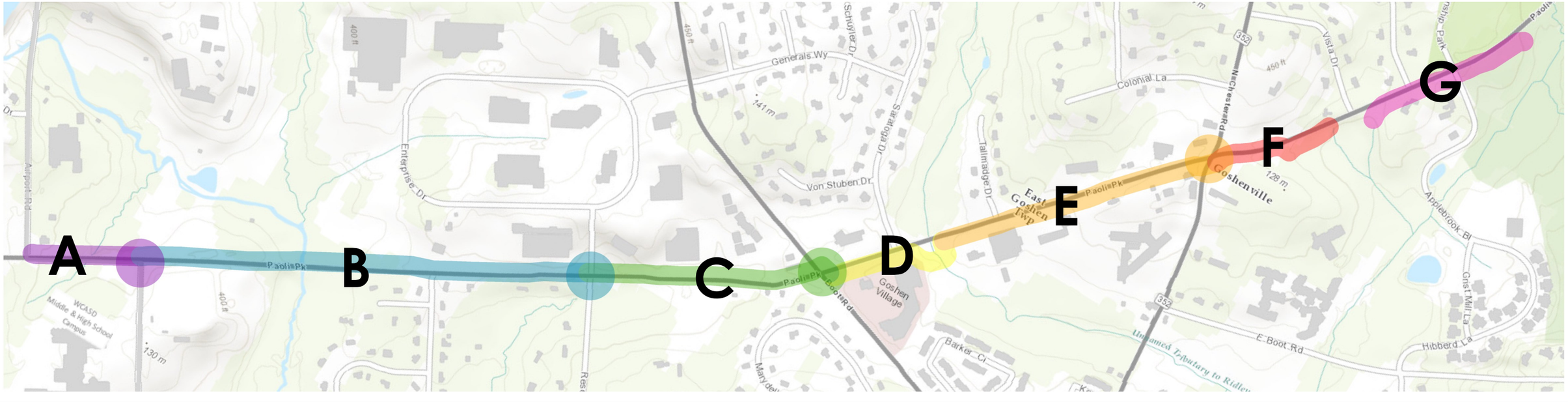

Segment		Construction (2015 $)	Inspection	Engineering & Permitting	Utilities	Right-of-Way	Total
A	Airport Road to Ellis Lane	$365,000	$55,000	$92,000	$15,000	$93,000	$620,000
B	Ellis Lane to Reservoir Road	$1,487,000	$179,000	$372,000	$15,000	$322,000	$2,375,000
C	Reservoir Road to Boot Road	$855,000	$129,000	$214,000	$0	$225,000	$1,423,000
D	Boot Road to Goshen Village	$216,000	$33,000	$54,000	$0	$94,000	$397,000
E	Goshen Village to PA 352	$1,498,000	$180,000	$375,000	$45,000	$115,000	$2,213,000
F	PA 352 to Existing Applebrook Trail	$169,000	$26,000	$43,000	$10,000	$10,000	$258,000
G	Connection between Existing Applebrook Trails	$252,000	$38,000	$63,000	$20,000	$0	$373,000

Funding Sources Overview

Public

- Federal, State, Regional, County

Competitive Grant Programs

- Township

Private

- Non-Profits/Foundations
- Companies/Corporations

Program – Administering Agency	Types of Projects	Program Details	Anticipated Application Period
Transportation Alternatives Program (TAP) – PennDOT – Large MPOs	– Bicycle & pedestrian facilities – Stormwater management	– Federal funds (MAP-21) – Match requires funding all pre-construction activities – $250,000 minimum – $1 million maximum – 2 year timeframe to complete design, right-of-way, and utility clearance	November 2, 2015 – January 8, 2016
Congestion Mitigation and Air Quality (CMAQ) – DVRPC	– Bicycle & pedestrian facilities – Traffic flow & congestion reduction – Transit improvements	– Federal funds (MAP-21) – Match requires funding all pre-construction activities	2017
CFA/DCED – Multimodal Transportation Fund (MTF) – Commonwealth Financing Authority (CFA) with DCED	– Bicycle & pedestrian facilities, including streetscapes – Connectivity improvements – Transit improvements – Noise barriers	– Annual competitive grant program – State funds (Act 89) – 30% match – $100,000 minimum – $3 million maximum – 2 – 3 year timeframe to complete the grant funded activities	July 2016
Greenways, Trails and Recreation Program (GTRP) – Commonwealth Financing Authority (CFA) with DCED & DCNR	– Greenways & trails – Parks & recreation areas	– Annual competitive grant program – State funds (Act 13) – 15% match – $250,000 maximum – 2 - 3 year timeframe to complete the grant funded activities	June 2016
PennDOT – Multimodal Transportation Fund (MTF) – PennDOT	– Bicycle & pedestrian facilities, including streetscapes – Connectivity improvements – Transit improvements – Noise barriers	– Annual competitive grant program – State funds (Act 89) – 30% match – $100,000 minimum – $3 million maximum – 2 – 3 year timeframe to complete the grant funded activities	October 3, 2015 – December 18, 2015
Community Conservation Partnerships Program (C2P2) – DCNR	– Greenways & trails – Parks & recreation areas	– Annual competitive grant program – Various federal and state funds – 50% match	April 2016
Chester County Open Space – Municipal Grants Program – Chester County Open Space Preservation	– Trail land acquisition – Trail easement acquisition – Trail development	– Annual competitive grant program – County funds – 50% match – $500,000 maximum for acquisition grants – $100,000 to $250,000 maximum for development grants – 3 year timeframe to complete the grant funded activities	2016
Regional Trails Program – DVRPC	– Regional trail projects to complete The Circuit	– Private funds (William Penn Foundation)	Unknown
PECO Green Region Program – Natural Lands Trust	– Improving municipally owned open spaces, including trails – Acquisition of land for open space	– Annual competitive grant program – Private funds – 50% match – $10,000 maximum – 18 month timeframe to complete the grant funded activities	December 31, 2015

Implementation Plan—Funding Options

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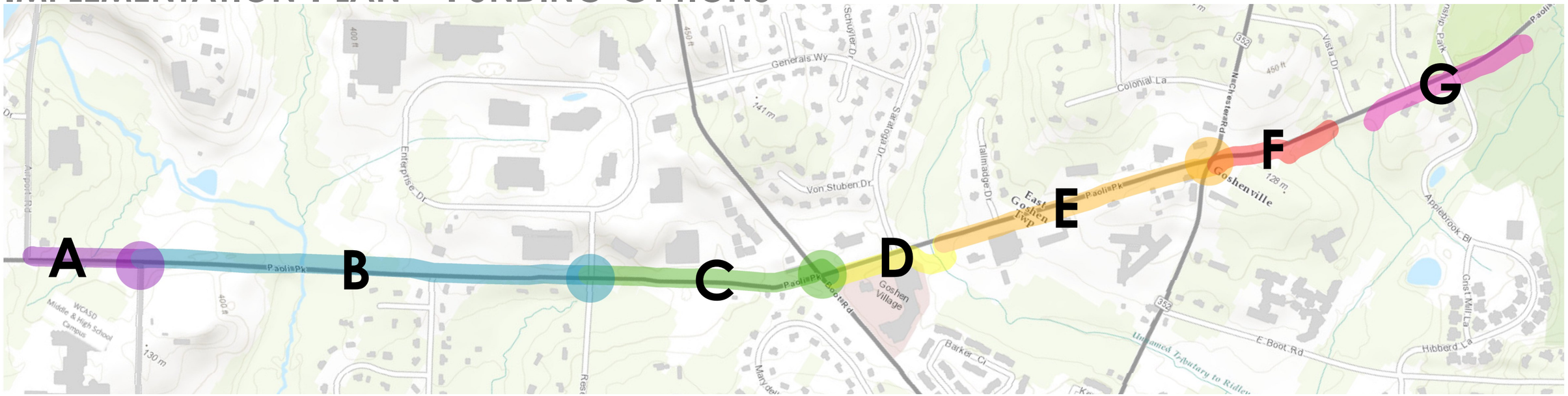

Segment		Segment Length (Mi.)	Total Cost	TAP	CMAQ	CFA/DCED-MTF	GTRP	PennDOT-MTF	C2P2
A	Airport Road to Ellis Lane	0.15	$620,000	✓	✓	✓		✓	✓
B	Ellis Lane to Reservoir Road	0.60	$2,375,000			✓		✓	✓
C	Reservoir Road to Boot Road	0.30	$1,423,000	✓	✓	✓		✓	✓
D	Boot Road to Goshen Village	0.19	$397,000			✓	✓	✓	✓
E	Goshen Village to PA 352	0.34	$2,213,000			✓		✓	✓
F	PA 352 to Existing Applebrook Trail	0.10	$258,000			✓	✓	✓	✓
G	Connection between Existing Applebrook Trails	0.21	$373,000	✓	✓	✓		✓	✓

Implementation Plan—Funding Strategy

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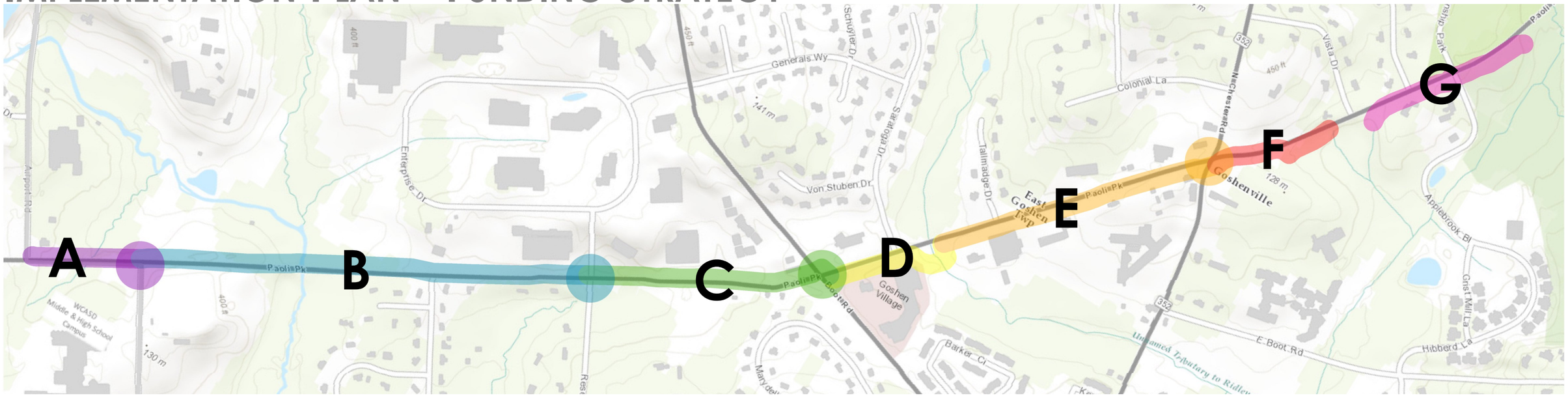

Segment		Total Cost	Grant Funding Program	Grant Request	Match Amount	Notes
A	**Airport Road to Ellis Lane**	$620,000	Future Implementation			
B	**Ellis Lane to Reservoir Road**	$2,375,000				
C	**Reservoir Road to Boot Road**	$1,423,000	TAP	$ 984,000	$ 439,000	Federal funding requirements; 2 year timeframe for completion
D	**Boot Road to Goshen Village**	$ 397,000	MTF (CFA or PennDOT)	$ 305,384	$ 91,615	
E	**Goshen Village to PA 352**	$ 2,213,000	MTF (CFA or PennDOT)	$1,702,307	$ 510,692	
F	**PA 352 to Existing Applebrook Trail**	$ 258,000	C2P2	$ 129,000	$ 129,000	Possibly combine with G
G	**Connection between Existing Applebrook Trails**	$ 373,000	C2P2	$ 186,500	$ 186,500	Possibly combine with F