

Presentation to:

**Radnor Township Board of Commissioners
July 16, 2018**

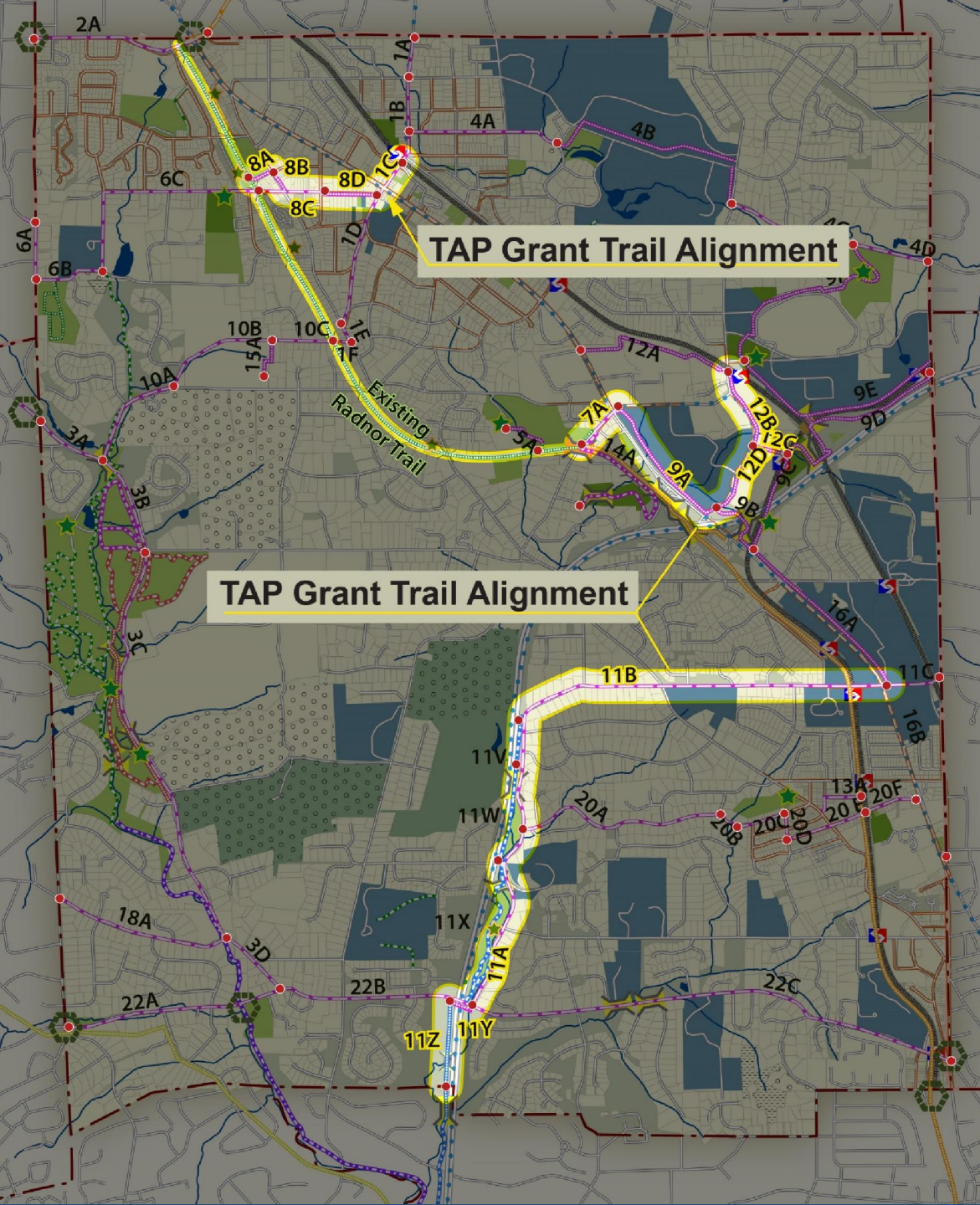


Radnor TAP Trail

Project Status Report

- Overview of trail plan
- Timeline (design / construction)
- Percentage of design completed
- Project cost (design and engineering)
- Estimated probable cost of construction
- Grant funding / funding needed for construction

Trail Overview



Project History – to date

2013

Radnor Greenways and Open Space Plan

2015

Radnor Comprehensive Trails Map

2016

Grant Applications and Grants Awards

2017

Start Design

2018

Design



2017 -2018

Preparation of Construction Documents

Notice to Proceed (Summer 2017)

Survey (August 2017)

Various submissions to PennDOT

Environmental work, NPDES permit

Coordination with easements with leasees

August / Sept 2018

All design work to be completed (PS&E)

Winter/ Spring 2019

Bidding

Summer / Fall 2019

Construction

Trail Grants awarded for this project

- Sept. '15 to Jan. '16 TAP \$1 M grant applications period. Grant application submitted January 2016 – Awarded Fall 2016
- April 2016 DCNR \$500k application submitted – Awarded Dec. 2016
- May 2016 DCED \$225k Application submitted – Awarded Dec 2016

Project Costs

<i>As of June 30, 2018</i>	Fee	% Complete	Earned
Simone Collins	\$135,000.00	45	\$60,750.00
Bursich Associates	\$32,100.00	100	\$32,100.00
Traffic Planning & Design	\$96,000.00	76	\$72,960.00
AD Marble & Company	\$143,185.00	43	\$61,569.55
Total Fee	406,285.00		227,379.55

Remaining Fee:

\$178,905.45

Probable Construction Costs

		COST
SUBTOTAL PAY ITEMS (from detailed estimate)		\$771,611
OTHER ITEMS		
MOBILIZATION (4%)		\$30,864
MAINTENANCE AND PROTECTION OF TRAFFIC (6%)		\$46,297
CONSTRUCTION SURVEY AND STAKEOUT (3%)		\$23,148
EROSION AND SEDIMENT CONTROL (3%)		\$23,148
SUBTOTAL OTHER ITEMS		\$123,458
TOTAL: PAY ITEMS + OTHER ITEMS		\$895,068
ESCALATION (4% FOR 2 YEARS)		\$73,038
ESTIMATE TO MID-CONSTRUCTION YEAR (2019)		\$968,106
CONTINGENCY (25% FOR PRELIMINARY)		\$242,026
TOTAL ESTIMATE FOR CONSTRUCTION		\$1,210,132
CONSTRUCTION INSPECTION		
Estimated at 15% of Estimate for Construction		\$181,520
TOTAL FOR CONSTRUCTION INCLUDING INSPECTION		\$1,391,652

Grant funding / funding needed for construction

Design and Engineering	\$ 406,285.00
DCNR funds(design & engineering)	-\$309,578.00
DCED funds(design & engineering)	<u>- 22,500.00</u>

Design & Engineering costs by Township **\$74,207.00**

Total funding from grants	\$1,775,000
Design costs paid by grants	-\$ 333,348
Construction Estimate	<u>-\$1,391,653</u>

remaining \$ 1,278.00*

***Actual construction bid costs over grant funding will be paid by Township

Guestimated range - \$100,000.00+-

Thank you for your time!

Discussion / Questions and Answers