

**Presentation to:**

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

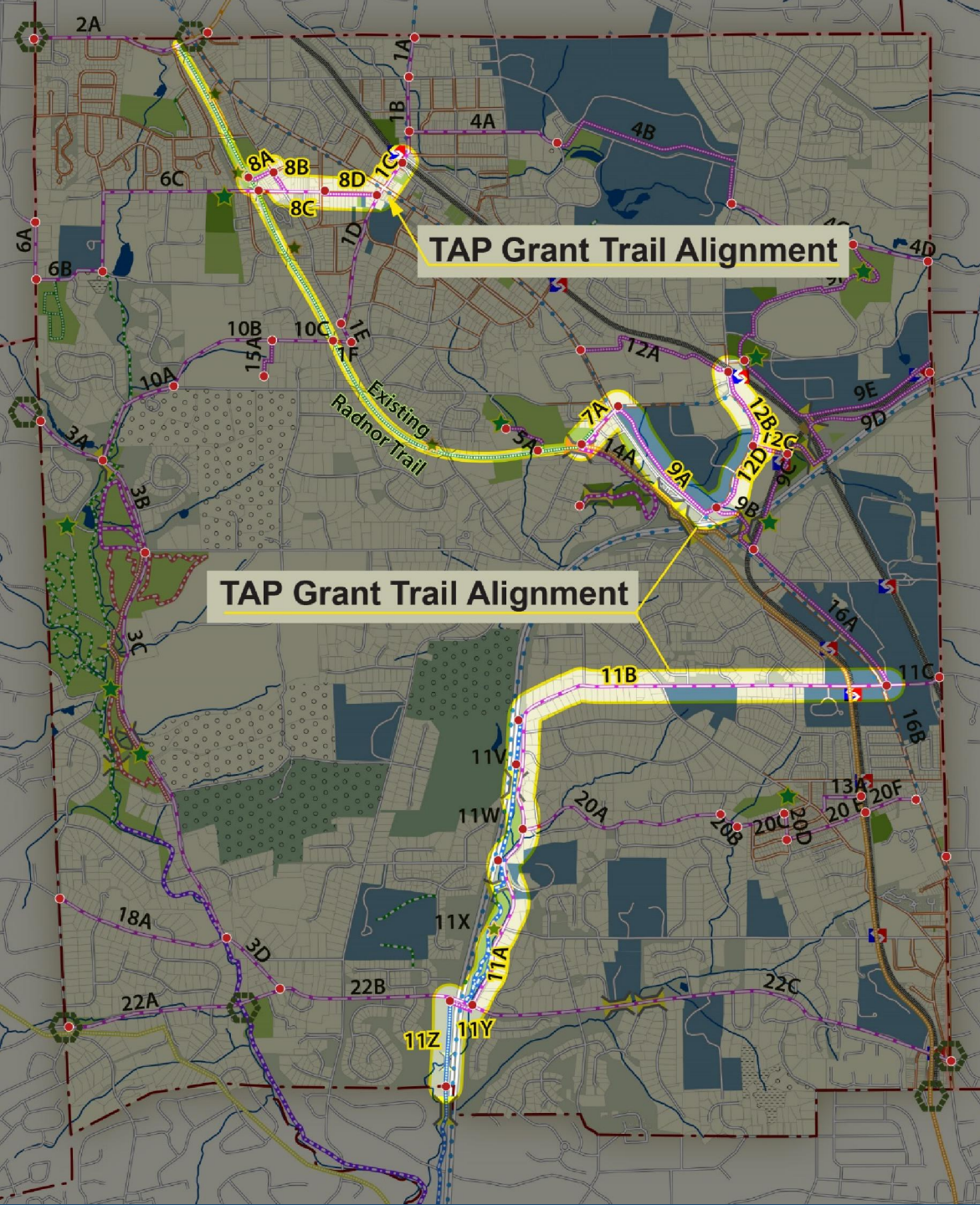


# Radnor TAP Trail

## 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
<b>Total Fee</b>	<b>406,285.00</b>		<b>227,379.55</b>

**Remaining Fee:**

**\$178,905.45**

# Probable Construction Costs

		COST
<b>SUBTOTAL PAY ITEMS (from detailed estimate)</b>		<b>\$771,611</b>
<b>OTHER ITEMS</b>		
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
<b>SUBTOTAL OTHER ITEMS</b>		<b>\$123,458</b>
<b>TOTAL: PAY ITEMS + OTHER ITEMS</b>		<b>\$895,068</b>
ESCALATION (4% FOR 2 YEARS)		\$73,038
<b>ESTIMATE TO MID-CONSTRUCTION YEAR (2019)</b>		<b>\$968,106</b>
CONTINGENCY (25% FOR PRELIMINARY)		\$242,026
<b>TOTAL ESTIMATE FOR CONSTRUCTION</b>		<b>\$1,210,132</b>
<b>CONSTRUCTION INSPECTION</b>		
Estimated at 15% of Estimate for Construction		\$181,520
<b>TOTAL FOR CONSTRUCTION INCLUDING INSPECTION</b>		<b>\$1,391,652</b>





**Thank you for your time!**

**Discussion / Questions and Answers**