

Township Park & Trail Projects

Bond Issue 2016 — *(Per Ordinance 2015-18)*

Status Update

Board of Commissioners Meeting
February 13, 2017

Township Bond Issue 2016

- **Ordinance 2015-18 - Adopted by the Board of Commissioners on October 23, 2016**
 - See next slide for the Schedule of Sources & Uses/Appendix A attached to Ordinance 2015-18
- **Addresses Portion of Capital Project Needs for Parks & Recreation Facilities**
- **Supplementary Grant Funding for Many Projects**
- **Majority of Projects Underway**
- **All Project Timelines Subject to Change (unforeseeable circumstances, weather, etc.)**
- **Cost-Saving Approaches Implemented as Possible**

Appendix A - Attached to Ordinance 2015-18

| | Park Improvements | Trail Improvements | Library Improvements | Total | Refunding 2010 Series GO Bonds |
|---------------------------------------|-------------------------|---------------------------|-------------------------|------------------------|-----------------------------------|
| Sources: | | | | | |
| Grant Proceeds | \$ 579,000 ² | \$ 1,450,000 ⁸ | \$ 500,000 | \$ 2,529,000 | \$ - |
| Developer Contributions | 174,408 ² | - ³ | - | 174,408 | - |
| Library Funding | - | - | 1,000,000 | 1,000,000 ⁵ | - |
| Stormwater Funding | - ⁶ | - ⁷ | - | - | - |
| Township Cash Funding | 1,000,000 ¹ | - | 500,000 | 1,500,000 ⁴ | - |
| Bond Proceeds | 4,300,000 | 1,450,000 | 2,500,000 | 8,250,000 | 3,315,000 |
| Total Sources | \$ 6,053,408 | \$ 2,900,000 | \$ 4,500,000 | \$ 13,453,408 | \$ 3,315,000 |
| Uses: | | | | | |
| Bo Connor Park | 400,000 | - | - | 400,000 | - |
| Cappelli Golf Range | 66,720 | - | - | 66,720 | - |
| Clem Macrone Park | 1,843,246 ² | - | - | 1,843,246 | - |
| Emlen Tunnell Park | 185,000 | - | - | 185,000 | - |
| Encke Park | 185,000 | - | - | 185,000 | - |
| Fenimore Woods | 2,027,000 | - | - | 2,027,000 | - |
| Ithan Valley Park | 378,000 | - | - | 378,000 | - |
| Odorisio Park | - | - | - | - | - |
| Petrie Park | 150,000 | - | - | 150,000 | - |
| Radnor Trail | 160,000 | - | - | 160,000 | - |
| Skunk Hollow | 250,000 | - | - | 250,000 | - |
| Warren Filipone Park | 406,000 | - | - | 406,000 | - |
| Ardrossan Trail | - | 713,000 | - | 713,000 | - |
| West Wayne Segment (8A-E, 1C, 1D) | - | 300,000 | - | 300,000 | - |
| Martha Brown Segment | - | 1,041,810 | - | 1,041,810 | - |
| Villanova – Chew Segment (16A, 9C, ½) | - | 600,000 | - | 600,000 | - |
| PennMed Segment (9A, 9B, 12A, 12B) | - | - | - | - | - |
| Chew Young Segment (9D) | - | - ³ | - | - | - |
| Chew Young Radnor Station (9E, 9C ½) | - | - | - | - | - |
| Radnor Station to Harford Park (9F) | - | 250,000 | - | 250,000 | - |
| Library Improvements | - | - | 4,500,000 | 4,500,000 | - |
| Refunding Redemption Proceeds | - | - | - | - | 3,315,000 |
| Rounding | 2,442 | (4,810) | - | (2,368) | - |
| Total Uses | \$ 6,053,408 | \$ 2,900,000 | \$ 4,500,000 | \$ 13,453,408 | \$ 3,315,000 |

Tying the Park Bonds to the Capital Plan

- The Capital Plan included with the 2016 Adopted Budget details each park and the improvements funded with bonds and those with cash
- Improvements funded with BONDS are in Purple
- Improvement funded with CASH are in Green
- The Years used in the 2016 Budget were estimates: We've updated those with the 2017 Capital Plan and in this presentation

Tying the Park Bonds to the Capital Plan

● Example for Emlen Tunnell:

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|----------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Emlen Tunnell Park | | Acres 5* | | | | | | | | | | | | | | | | | |
| Sources: | | | | | | | | | | | | | | | | | | | |
| To Be Determined | | n/a | | | | | | | | | | | | | | | | | |
| Subtotal of Sources | | | | | | | | | | | | | | | | | | | |
| Replacement Items: | | | | | | | | | | | | | | | | | | | |
| Playground Replacement | | n/a | Replace | | | | | | | | | | | | | | | | |
| Resurface Parking Lot | | n/a | Replace | | | | | | | | | | | | | | | | |
| Benches/Bleachers Replacement | | n/a | Replace | | | | | | | | | | | | | | | | |
| Subtotal of Replacement Items | | | | | | | | | | | | | | | | | | | |
| New Items: | | | | | | | | | | | | | | | | | | | |
| Rest Room | | | | | | | | | | | | | | | | | | | |
| New Comfort Station Construction | | | New | | | | | | | | | | | | | | | | |
| Subtotal of New Items | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | |

Improvement
Description

Improvement
Amount

🟡 Example for Fenimore Woods:

Improvement Amounts

Parks Projects

Bo Connor Park

- Board Authorized Bids on January 23, 2017
- Anticipated Project Start – Late Spring 2017

| Replacement Items: | | |
|-------------------------|---|------------------|
| Sidewalk/Retaining Wall | Replace sidewalk, install retaining wall along road | |
| Fencing | Backstop, 1st and 3rd base fencing, street fence | |
| Benches & Bleachers | Replacement | |
| TOTAL ITEMS: | | \$400,000 |

Clem Macrone Park

- **Project Underway/Construction Taking Place**
- **Anticipated Completion - Summer 2017**

| Comprehensive Park Improvement Project | |
|--|--|
| TOTAL ITEMS: | \$1,913,439* (budget modification per October 10, 2016 BOC Meeting/after bid) |
| Multiple Funding Sources – PECO Dept. of Conservation & Natural Resources Dept. of Community & Economic Development Park Impact Fees Township Funding | |

Emlen Tunnell Park

- Board Authorized Bids on January 23, 2017
- Anticipated Project Start – Summer 2017

| New Item: | | |
|---------------------|---------------------------|------------------|
| Restroom | New Restroom Construction | |
| TOTAL ITEMS: | | \$185,000 |

Encke Park

- Board Authorized Project on January 23, 2017
- Anticipated Completion - Early Spring 2017

| Replacement Items: | | |
|---------------------|-------------|------------------|
| Benches/Bleachers | Replacement | |
| Backstops & Fencing | Replacement | |
| TOTAL ITEMS: | | \$185,000 |

Fenimore Woods

- Project Underway/Conceptual Plan Review
- Anticipated Completion - Fall 2018

| Comprehensive Park Improvement Project: | | |
|---|--|--------------------|
| Playground Replacement | equipment/rubberized surfacing, installation (circa 2003) | |
| Sign Replacement | Replace entrance sign | |
| Pavilion Replacement | | |
| Stable Building Removal | Deteriorating conditions/discontinued use due to safety impact | |
| Grading/Hillside Restoration | Restore uneven slopes/ground fill/impacts from tree roots | |
| Fencing Replacement | Park perimeter fencing | |
| Pond Dredging/reed bedding | Significant pond repair and restoration | |
| Bridge at pond | | |
| Pave parking lot | | |
| Restroom | Replacement of restroom once utilized inside stable building | |
| TOTAL ITEMS: | | \$2,027,000 |

Ithan Valley Park

- Project Underway/Conceptual Review
- Anticipated Completion - Fall 2018

| Replacement Items: | | |
|--------------------------------------|--|------------------|
| Sign/Gate Replacement | Replace park entrance sign; replacement to the gated entry | |
| Fencing Replacement | Park perimeter/interior fencing replacement | |
| Parking lot | Regrade, protect Zelkova tree | |
| Stream bank restoration/arborculture | (To be referred to US Congressional Representatives/Army Corps of Engineers) | |
| Trail Upgrades, Wayfaring Signage | Historic arboretum/trail project | |
| TOTAL ITEMS: | | \$378,000 |

Petrie Park

● Anticipated Project Start – Spring 2018

| New Item: | | |
|---------------------|------------------------------------|--|
| Playground | Equipment, surfacing, installation | |
| TOTAL ITEMS: | | \$100,000 |
| | | *\$50K reallocated to Warren Filipone Park |

Radnor Trail (Brookside)

- Board Authorized Bids on January 23, 2017
- Anticipated Project Start – Summer 2017

| New Item: | | |
|---------------------|---------------------------|------------------|
| Restroom | New Restroom Construction | |
| TOTAL ITEMS: | | \$160,000 |

Skunk Hollow Park

- Board Authorized Bids on January 23, 2017
- Anticipated Project Start – Fall 2017

| Replacement Item: | | |
|---------------------|---|------------------|
| Replace Bridge | Interior bridge replacement along trail | |
| TOTAL ITEMS: | | \$250,000 |

Warren Filipone Park

- Board Authorized Bids on January 23, 2017
- Anticipated Completion - Summer 2017

| Replacement Items: | | |
|---|--|--|
| Reconstruct Tennis Courts | Mill, joint repair, resurface, paint | |
| Resurface Parking Lot | | |
| Backstop, tennis courts, other fencing | Backstop 1 st & 3 rd base fencing/perimeter tennis courts | |
| TOTAL ITEMS: | | \$456,000 \$50K reallocated from Petrie Park |

Unfunded Future Projects

● Parks & Recreation Facility Future Projects Requiring Consideration & Additional Funding

| Park Improvements/Replacements: | |
|--|--|
| The Willows Park/Mansion/Cottage | Comprehensive/Buildings and Park Areas |
| Odorisio Park | Playground, Comfort Station, Parking Lots, Fencing |
| North Wayne Park (RTSD-Owned Property) | Playground, Parking Lot |
| Emlen Tunnell Park (RTSD-Owned Property) | Playground, Walking Path, Benches, Bleachers |
| Bo Connor Park | Playground |
| Harford Park | Parking Lot, Fencing |
| Dittmar Park | Walking Path |
| Radnor Activity Center (RTSD-Owned Property) | Water Line |
| *NOT LIMITED TO THE PROJECTS ABOVE | |
| *PROJECTS ABOVE ARE NOT INCLUDED IN THE 2016 BOND ISSUE | |
| *COSTS ARE TO BE DETERMINED | |

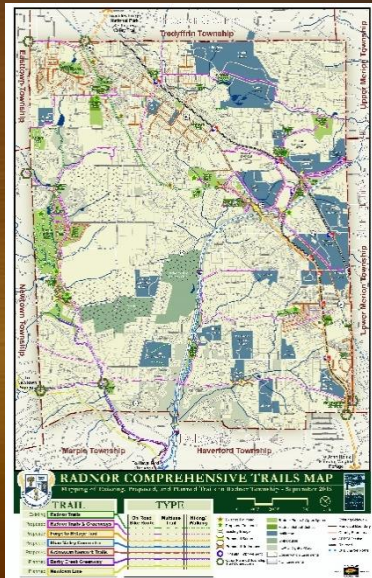
Trails Projects

Radnor Station to Harford Park

- Project Underway/Survey & Design Review
Late Spring 2017
- Anticipated Completion – Early Winter 2017

| Project Scope: | | |
|---------------------|--------------------------------|------------------|
| Trail Development | Radnor Station to Harford Park | |
| | | |
| | | |
| TOTAL ITEMS: | | \$250,000 |

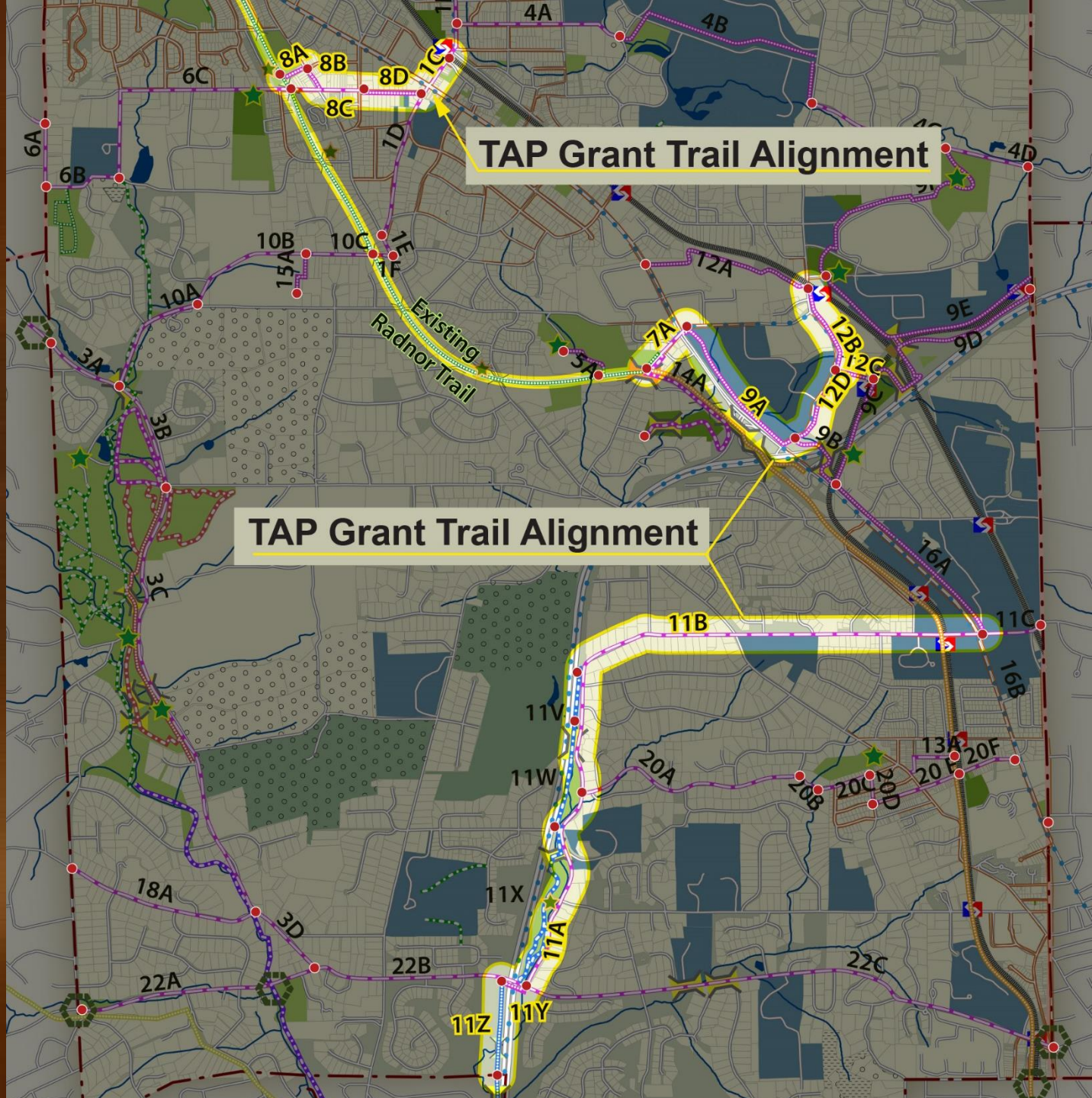
Radnor Trails



- **2013 to 2014 – Greenways and Open Space Network Plan**
 - 12 Committee Meetings, 4 Stakeholder Meetings, 4 Public Meetings
- **2015 – Radnor Comprehensive Trails Map**
 - 2 Meetings, 3 Focus Group Meetings
- **2016 - Grant Applications to TAP, DCNR, DCED**
 - Meetings w/ School District, Penn Medicine, and Township
- **2017 - Awarded Grants**
- **Anticipated Project Timelines**
 - 2017/2018 Design & Engineering
 - 2019 Bid/Spring 2020 Construction

Project Grant Sources (in addition to \$150K bond proceeds):

| | |
|---|--------------------|
| TAP Grant (PennDOT Transportation Alternatives Program) | 1,000,000 |
| DCNR Grant (PA Dept. of Natural Resources) | 500,000 |
| DCED Grant (PA Dept. of Community & Economic Dev.) | 225,000 |
| TOTAL Grants: | \$1,725,000 |



Radnor Trail Extension (Martha Brown Segment)

- Preliminary Design Underway - Site Clearing and Survey
- Anticipated Construction Start – Fall 2018

| Project Scope: | | |
|---------------------------------|---|--------------------|
| Trail Culvert | Beneath Radnor-Chester Rd. (to include removal of existing trail ramp) | |
| Paved Trail Extension | Eastward from Radnor-Chester Rd. to Blue Route Interchange / Martha Brown Woods | |
| Paved Trail Sidewalk Link | Connecting to Existing Sidewalk on Radnor-Chester Rd. | |
| Signage / Fencing / Landscaping | | |
| TOTAL COST: | ½ grant - funded | \$1,041,810 |

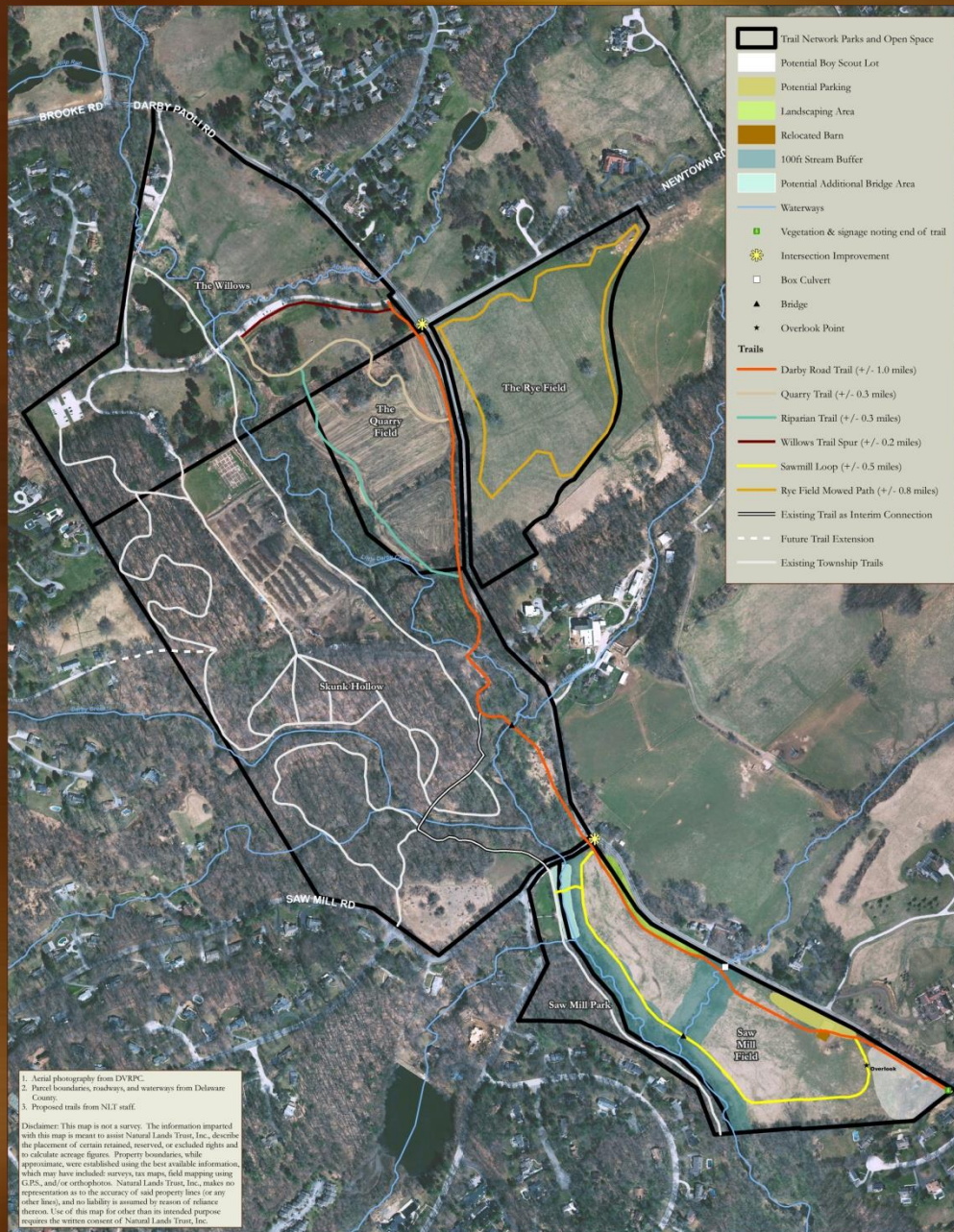
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Ardrossan Trails

Site visits, concept plan revisions, neighbor meetings, advisory committee meetings, Township Staff Traffic meeting, two public workshops, Park and Recreation Board meetings and related tasks.

Schedule: February 2016 – June 2019

| Project Scope: New Trail Construction | | |
|--|--|-------------------|
| NLT Services: | Design updates, engineering RFP, oversight of detailed design, landscape plan, construction coordination | \$55,500 |
| Engineer (TBD): | Engineered design of trail, stormwater management and associated structures | \$75-100K |
| Construction: | Construction of trail, bridges, stormwater management systems, related infrastructure | \$700K to \$1M |
| TOTAL COST: | Bond: \$356K +/- Remainder: Grant funding , potentially including DCNR, DVRPC, PECO, PennDOT, private foundations | \$1.1M +/- |



Thank You!

Questions...