SEPTA Public Open House

FY 2021 Capital Budget Development

January 29, 2020
OVERVIEW

- Recap FY 2020 Capital Budget/12-Year Capital Program
- Recent Accomplishments
- Funding Outlook
- FY 2021 Capital Budget
- Schedule of Key Activities
- Program Boards and PMs

Norristown High Speed Line Bridge 0.15
LAWSUIT AGAINST THE PA TURNPIKE

- February, 2018 – Lawsuit filed by Truckers Association. Alleged Turnpike’s $450 million annual payment to PennDOT to fund mass transit is unconstitutional

- FY 2019 – No payments to PennDOT pending resolution of lawsuit

- March 2019 - PENNDOT informed SEPTA its FY 2020 capital funding would be reduced from $352 million to $107 million

- March 2019 - SEPTA rolled out two FY 2020 Capital Budgets – Reduced and Full Funding

- April 4, 2019 - Federal Judge dismissed case/Trucker’s Assn. appealed

- May 2019 - SEPTA Board approved the Full Funding FY 2020 Capital Budget

- June 2019 - Turnpike Issued Debt/Paid PennDOT for FY 2019 & FY 2020
FY 2020 Capital Budget (in Millions)

- $352.81 million (52%)
- $221.37 million (33%)
- $89.08 million (13%)
- $11.79 million (2%)

Total: $675.05 Million

State: $352.81 million (52%)
Federal: $221.37 million (33%)
SEPTA Capital Financing: $89.08 million (13%)
Local: $11.79 million (2%)
FY 2020 Capital Budget (in Millions)

- Vehicle Acquisitions and Overhauls: $192.39 million (28%)
- Financial Obligations: $5.47 million (1%)
- Communications, Signal Systems & Technology: $43.95 million (7%)
- Stations, Loops and Parking Improvements: $48.60 million (7%)
- Maintenance/Transportation Shops and Offices: $62.04 million (9%)
- Infrastructure Safety Renewal Program: $67.67 million (10%)
- Service Restoration: $67.67 million (10%)
- Substations and Power Improvements: $39.62 million (6%)
- Safety and Security Improvements: $20.94 million (3%)
- Track and Right-of-Way Improvements: $6.63 million (1%)
- Bridge Program: $38.92 million (6%)

Total: $675.05 Million
### FY 2020-2031 Capital Budget & Program

<table>
<thead>
<tr>
<th>Programs</th>
<th>Budget Year</th>
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<th>12-Year Program</th>
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<tr>
<td></td>
<td>FY 2020</td>
<td>FY 2021</td>
<td>FY 2025</td>
<td>Total</td>
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<td>Bridge Program</td>
<td>5.47</td>
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<td>Communications, Signal Systems and Technology</td>
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<td>Infrastructure Safety Renewal Program</td>
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<td>Maintenance/Transportation Shops and Offices</td>
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<td>Safety and Security Improvements</td>
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<td>73.23</td>
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<td>SEPTA Key</td>
<td>38.92</td>
<td>15.00</td>
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<td>53.92</td>
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<td>Service Restorations (Elwyn to Middletown)</td>
<td>43.95</td>
<td>74.11</td>
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<td>Stations, Loops and Parking Improvements</td>
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<td>Substations and Power Improvements</td>
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<td>Track and Right-of-Way Improvements</td>
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<td>Vehicle Acquisitions and Overhauls</td>
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<td><strong>Financial Obligations</strong></td>
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<td>Capital Leases</td>
<td>53.41</td>
<td>242.21</td>
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<td>Debt Service</td>
<td>47.91</td>
<td>259.97</td>
<td>350.80</td>
<td>658.68</td>
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<td><strong>Total Capital Budget &amp; Program</strong></td>
<td><strong>675.05</strong></td>
<td><strong>2,464.49</strong></td>
<td><strong>4,102.78</strong></td>
<td><strong>7,242.32</strong></td>
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FY 2020 CAPITAL BUDGET

Capital Budget, FY 2013 - 2023
REBUILDING THE SYSTEM

- Construction contracts awarded since January 2014: 170
  - Open contracts: 59 (Amount totals $500.4 M)
  - Closed contracts: 111 (Amount totals $342.9 M)

15th Street Station

Paoli Transportation Center
RECENT ACCOMPLISHMENTS

Norristown High Speed Line Bridge 0.15

Frazer Shop & Yard

Exton Station

Arrott Transportation Center
RECENT ACCOMPLISHMENTS

Overbrook Shop Roof

Secane Station

Levittown Station

Woodland Avenue Bridge
OTHER HIGHLIGHTED ACCOMPLISHMENTS

- 25 Proterra 40-foot electric buses
- 15 Electric Locomotives
- Doylestown - Warminster Tie Renewal & Surfacing
- Frontier Garage Improvements
- Southern Garage Stormwater Management & Paving
- Suburban Station Passenger Amenities
- 103 Victory Avenue Facility Improvements
- Victory Bus Washer Roof Replacement
- Villanova Station – Phase 1
FUNDING OUTLOOK

➢ Federal FAST Act
  • FY 2016-2020
  • Expires September 30, 2020

➢ State Funding (Act 89)
  • Expect full funding

➢ Capital Financing

Electric Locomotive
FY 2021 CAPITAL BUDGET

- Rebuilding the System Capital Projects
- SEPTA Key
- Vehicle Acquisitions
- Financial Obligations
  - Debt Service
  - Leases

Southwest Connection
## SCHEDULE OF KEY ACTIVITIES

**FY 2021 Capital Budget Development**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>Open House on Budget and Program</td>
<td>January 29, 2020</td>
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<tr>
<td>Develop Budget Proposal</td>
<td>Jan. – March 2020</td>
</tr>
<tr>
<td>Presentations to Stakeholders</td>
<td>March – April 2020</td>
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<tr>
<td>Public Hearing Notice Published</td>
<td>March 2020</td>
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<tr>
<td>Posting of Proposed Capital Budget &amp; Program</td>
<td>March 2020</td>
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<tr>
<td>Public Hearings on Capital Budget &amp; Program</td>
<td>April 29, 2020</td>
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<tr>
<td>Board Approval of Capital Budget &amp; Program</td>
<td>May 28, 2020</td>
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BRIDGE PROGRAM

Critical Bridge Program
Bridge 31.63, West Trenton Line – Built 1900

Stone Arch Bridges – Phase 2
(L) Lansdale 18.91 - Built 1903, (R) Media/Elwyn 12.68 - Built 1854
COMMUNICATIONS, SIGNALS & TECHNOLOGY

Real-Time Information & Audio Visual Public Address (AVPA) System

Signal Power Reinforcement

Route 101/102 Positive Train Control and ROW Improvements

Southwest Connection (30th to Phil Catenary, Signals & Right of Way)
MAINTENANCE FACILITY IMPROVEMENTS

- Wyoming Complex Stormwater Retrofits
- Frazer Rail Shop & Yard Upgrade
- Midvale Garage Roof Replacement
SEPTA Key

- SEPTA Key installation and deployment is underway
- Transit (Bus/Trolley/Sub-El) deployment is substantially complete with Corporate Partner Portal rollout underway
- Regional Rail is moving forward with all Trailpasses now available on Key Card. Additional Railroad functionality planned for rollout in 2020
- CCT Connect Paratransit Services integration is under development
- New functionalities such as acceptance of mobile bank cards and mobile wallets are planned
ELWYN TO WAWA SERVICE RESTORATION

- Restoration of Regional Rail service from Elwyn to Middletown Station, Delaware County (3.5 miles)
- Renewal of infrastructure including bridges, track, signals and catenary systems
- New station building and 580 car parking deck at Middletown Station / Rt. 1
- Railcar storage/maintenance yard and crew facility at Lenni
- Construction underway, continuing through 2021
STATION IMPROVEMENTS – PARKING

Secane Station Parking Expansion (Site Plan)

Secane Station (Reconstruction Completed 2019)
STATIONS / ACCESSIBILITY – REGIONAL RAIL

Conshohocken Station (rendering)

Jenkintown Station (rendering)

Lawndale Station

Ardmore Transit Center (rendering)
STATIONS / ACCESSIBILITY - TRANSIT

Susquehanna-Dauphin Station

5th Street / Independence Hall Station

Tasker-Morris Station

City Hall Station
30TH STREET (MFL)

Mezzanine Level (Rendering)

North Station Entrance (Rendering)

CENTER CITY CONCOURSES

Phase 2 In Design

Escalators Complete

Phase 1 Complete

SEPTA Center City Pedestrian Concourse
SUBSTATION & POWER PROGRAM

Wayne Junction Static Frequency Converters (SFC) #1-4

Multimodal Substation Overhaul Program
Bethayres Substation

30th Street West Catenary Replacement
TRACK AND RIGHT-OF-WAY PROGRAM

Trolley Tunnel Track Renewal

Norristown High Speed Line (NHSL)
Tie Replacement & Continuous Welded Rail

Street Track Renewal Project
Route 10
NEW BUSES

**525 40-Foot Hybrid Buses**
Delivery Underway through 2020
Manufacturer: New Flyer

**25 40-Foot Electric Buses**
Delivery complete
Manufacturer: Proterra

**225 Paratransit Vehicles**
Delivery underway through 2020
Manufacturer: Shepard Bros. Inc
NEW RAIL VEHICLES

45 Multi-Level Rail Cars (Rendering)
Contract awarded in 2017
Delivery to begin CY 2021
Manufacturer: CRRC MA

15 New Electric Locomotives
Delivered and In Service
PROJECT OF REGIONAL SIGNIFICANCE:
ELECTRIC-MULTIPLE UNIT RAILROAD PASSENGER CARS

To Replace Silverliner IV Fleet
PROJECT OF REGIONAL SIGNIFICANCE: TROLLEY MODERNIZATION

- Vehicle design, ADA Station Evaluation, and Pole Pan Conversion and Power Distribution studies are funded and underway
- Current budget estimate: $1.55B budget; project currently unfunded
- Acquisition of new trolleys and Infrastructure Improvements
- ADA accessible system
- Ongoing partnerships with stakeholders and DVRPC

Rendering from the Modern Trolley Station Design Guide, SEPTA Suburban Transit Division, DVRPC, May 2018

Current Route 101 Trolley
PROJECT OF REGIONAL SIGNIFICANCE:
KING OF PRUSSIA RAIL PROJECT

- 4.0 miles of elevated rail
- 5 new fully ADA-compliant stations
- 2 park-and-ride facilities
- Total increase in ridership of 9,500 daily trips, doubling ridership on the NHSL
- Total travel time from 13th and Market Street to end of extension in under 40 minutes
- The Final Environmental Impact Statement (FEIS) is currently underway. 15% Design Funded