

Creation of Trans-AM

A Joint Venture
between
Virginia, Pennsylvania and the FTA

Where We Started

- Topics
- → Brief History of PROGGRES
- → Walk Thru of PROGGRES
- → Discussion of TransAM

Goals of Asset Management System:

- A quick, equitable, and systematic method of assessing the applications for our limited grant resources
- A realistic method of calculating capital needs over a 20 year planning horizon

Collecting Data

- DRPT put together a user group of service providers to test the system.
- Also formed an internal user group from all facets of DRPT operations
- Hired consultant to work with service providers to enter and validate rolling stock

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PROGGRES
 Program Guidance and Grant Evaluation System

Help

[Capital Needs](#)
[Capital Budgets](#)
[Grant Evaluation](#)
[DRPT Policy](#)
[Reports](#)
[Admin](#)
[Create Report](#)

Capital Needs (\$ in thousands)

Fiscal Year: 2012 - Current

Grantee Filter: No Additional Filters

District: All Districts

Rolling Stock Approach: ESLMST

Grantees: All Grantees

[Show Spare Ratio Adjustment](#) ☒

Activities: All Activities

Click cell to view assets behind needs

FTA Code	Activity Name		≤ 2008 Backlog	2009 Backlog	2010 Backlog	2011 Backlog	2012	2013	2014	2015	2016	2017	2018	2019	2020
11.12.XX	Bus, Rolling Stock	# of Units	\$113,546 1219	\$34,752 362	\$61,445 442	\$41,539 297	\$69,266 549	\$84,264 694	\$92,658 710	\$100,747 756	\$85,859 765	\$97,423 918	\$102,353 1088	\$111,181 880	\$111,181 880
12.12.XX	Rail, Rolling Stock	# of Units	\$80,510 31							\$3,235 1	\$6,599 2	\$26,923 8	\$6,865 2	\$7,003 2	
1X.3X.XX	Station Stops/Terminals (All)	# of Units													
1X.4X.XX	Support Facilities & Equipment	# of Units	\$15,025 2		\$80	\$159	\$298 1								
11.22.01	Busway	# of Units													
12.52.01	Traction Power	# of Units													
1X.62.01	Control/Signal System	# of Units													
11.32.09	Route Signing	# of Units				\$144 589	\$147 589	\$150 589	\$153 589	\$156 589	\$159 589	\$163 589	\$166 589	\$169 589	
11.32.10	Passenger Shelters	# of Units				\$568 101	\$579 101	\$590 101	\$602 101	\$614 101	\$627 101	\$639 101	\$652 101	\$665 101	
1X.XX.XX	Other Capital Needs	# of Units				\$7,169 594	\$7,313 594	\$7,459 594	\$7,608 594	\$7,760 594	\$7,915 594	\$8,074 594	\$8,235 594	\$8,400 594	\$8,400 594
	Total Capital Needs	# of Units	\$209,081 1252	\$34,752 362	\$61,524 442	\$49,579 1581	\$77,602 1834	\$92,464 1978	\$101,021 1994	\$112,512 2041	\$101,159 2051	\$133,221 2210	\$118,272 2374	\$127,418 2166	\$127,418 2166

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Capital Needs (\$ in thousands)

Fiscal Year **2012 - Current**Grantee Filter **No Additional Filters**District **All Districts**Rolling Stock Approach **ESLMST**Grantees **All Grantees**[Show Spare Ratio Adjustment](#) ☒Activities **Bus, Rolling Stock**

Click cell to view assets behind needs

FTA Code	Activity Name		<= 2008 Backlog	2009 Backlog	2010 Backlog	2011 Backlog	2012	2013	2014	2015	2016	2017	2018	2019	2020
11.12.01	Bus STD 40 FT	# of Units	\$33,427 90	\$5,540 15	\$13,684 37	\$16,249 44	\$20,738 55	\$30,759 80	\$29,785 76	\$27,982 70	\$22,577 55	\$21,539 51	\$19,091 44	\$31,747 73	\$33,427
11.12.02	Bus STD 35 FT	# of Units	\$9,827 30	\$9,126 20	\$15,430 48	\$10,750 33	\$11,605 35	\$11,482 32	\$18,503 47	\$13,830 28	\$14,177 28	\$12,058 23	\$16,261 28	\$20,217 40	\$20,738
11.12.03	Bus 30 FT	# of Units	\$19,541 66	\$8,547 27	\$10,659 36	\$6,218 21	\$19,630 65	\$18,482 60	\$20,423 65	\$21,152 66	\$21,575 66	\$26,674 80	\$22,447 66	\$26,148 73	\$31,747
11.12.04	Bus < 30 FT	# of Units	\$2,264 33	\$1,248 18	\$2,072 20	\$2,304 21	\$4,182 38	\$4,796 50	\$6,250 63	\$7,226 61	\$4,494 51	\$8,026 68	\$6,529 59	\$5,716 58	\$6,250
11.12.06	Bus Articulated	# of Units						\$714 1				\$773 1			
11.12.15	Vans	# of Units	\$34,667 841	\$8,826 233	\$8,981 249	\$4,581 130	\$11,341 298	\$16,536 423	\$15,887 402	\$19,128 481	\$20,625 492	\$24,274 574	\$32,182 721	\$24,267 548	\$22,577
11.12.16	Sedan / Station Wagon	# of Units	\$4,728 158	\$1,466 49	\$1,526 51	\$1,436 48	\$1,770 58	\$1,494 48	\$1,810 57	\$1,587 49	\$2,412 73	\$4,078 121	\$5,844 170	\$3,086 88	\$2,412
11.12.33	Ferry Boats	# of Units	\$9,092 1		\$9,092 1					\$9,842 1					
	Total Capital Needs	# of Units	\$113,546 1219	\$34,752 362	\$61,445 442	\$41,539 297	\$69,266 549	\$84,264 694	\$92,658 710	\$100,747 756	\$85,859 765	\$97,423 918	\$102,353 1088	\$111,181 880	\$116,539

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[Create Report](#)

Capital Needs (\$ in thousands)

Fiscal Year: 2012 - Current

Grantee Filter: No Additional Filters

District: Richmond

Rolling Stock Approach: ESLMST

Grantees: All Richmond Grantees

Activities: Bus, Rolling Stock

[Show Spare Ratio Adjustment](#) ☒

Click cell to view assets behind needs

FTA Code	Activity Name		<= 2008 Backlog	2009 Backlog	2010 Backlog	2011 Backlog	2012	2013	2014	2015	2016	2017					
11.12.01	Bus STD 40 FT	# of Units			\$369 1	\$2,216 6	\$4,144 11	\$16,521 43	\$9,014 23	\$10,393 26	\$2,854 7	\$1,666 5					
11.12.02	Bus STD 35 FT	# of Units	\$1,539 5	\$2,154 7	\$5,847 19	\$1,847 6	\$942 3		\$327 1	\$666 2							
11.12.03	Bus 30 FT	# of Units	\$296 1		\$296 1		\$302 1	\$308 1	\$314 1	\$320 1	\$981 3	\$1,666 5					
11.12.04	Bus < 30 FT	# of Units	\$654 9	\$235 3		\$147 2	\$330 4	\$366 5	\$562 7	\$390 5	\$679 9	\$914 12	\$910 11	\$969 11			
11.12.06	Bus Articulated	# of Units						\$714 1				\$773 1					
11.12.15	Vans	# of Units	\$5,573 124	\$2,240 51	\$2,384 55	\$1,054 26	\$2,901 67	\$4,610 100	\$3,797 84	\$4,388 94	\$4,480 91	\$5,154 105	\$6,908 138	\$5,595 111	\$5,595 111		
11.12.16	Sedan / Station Wagon	# of Units	\$599 20	\$269 9	\$359 12	\$359 12	\$519 17	\$311 10	\$254 8	\$259 8	\$330 10	\$843 25	\$791 23	\$701 20			
11.12.33	Ferry Boats	# of Units															
	Total Capital Needs	# of Units	\$8,661 159	\$4,899 70	\$9,256 88	\$5,622 52	\$9,138 103	\$22,831 160	\$14,267 124	\$16,417 136	\$9,325 120	\$11,015 152	\$10,901 178	\$17,306 166	\$10,901 178		



Global Parameters

Capital Needs Calculation Status
<p>Status</p> <p>Recalculation needed</p>

Miscellaneous Parameters	
Description	Value
Fiscal Year	2012 ▼
Default Planning Horizon (years)	26
Inflation Rate (percent)	2.000
Interest rate accrued on Banked Facility Funds (percent)	0.000
Default Spare Ratio (percent)	20
Minimum Spare Ratio Fleet Size	50
Buildup Years	4
Rule Family used for Asset Management Scoring	ESLMST ▼
WMATA Grantee ID	300

Facility Cost Spread	
Year	Cost Distribution (%)
Completion Year	55.0

Impacts of PROGGRES

- Now in use since 2009; considered very successful
- Grant application workflow adapted to leverage SOGR forecasts
- DRPT can justify expenditures and ensure “best use” of funds

Problems with PROGGRES

- Behind DRPT firewall
 - Service providers have no access to data once its entered
 - They reap no benefits from their efforts to provide accurate data
- No information on condition of assets
- Not integrated with any other systems at DRPT (e.g., grant applications, capital budgets)

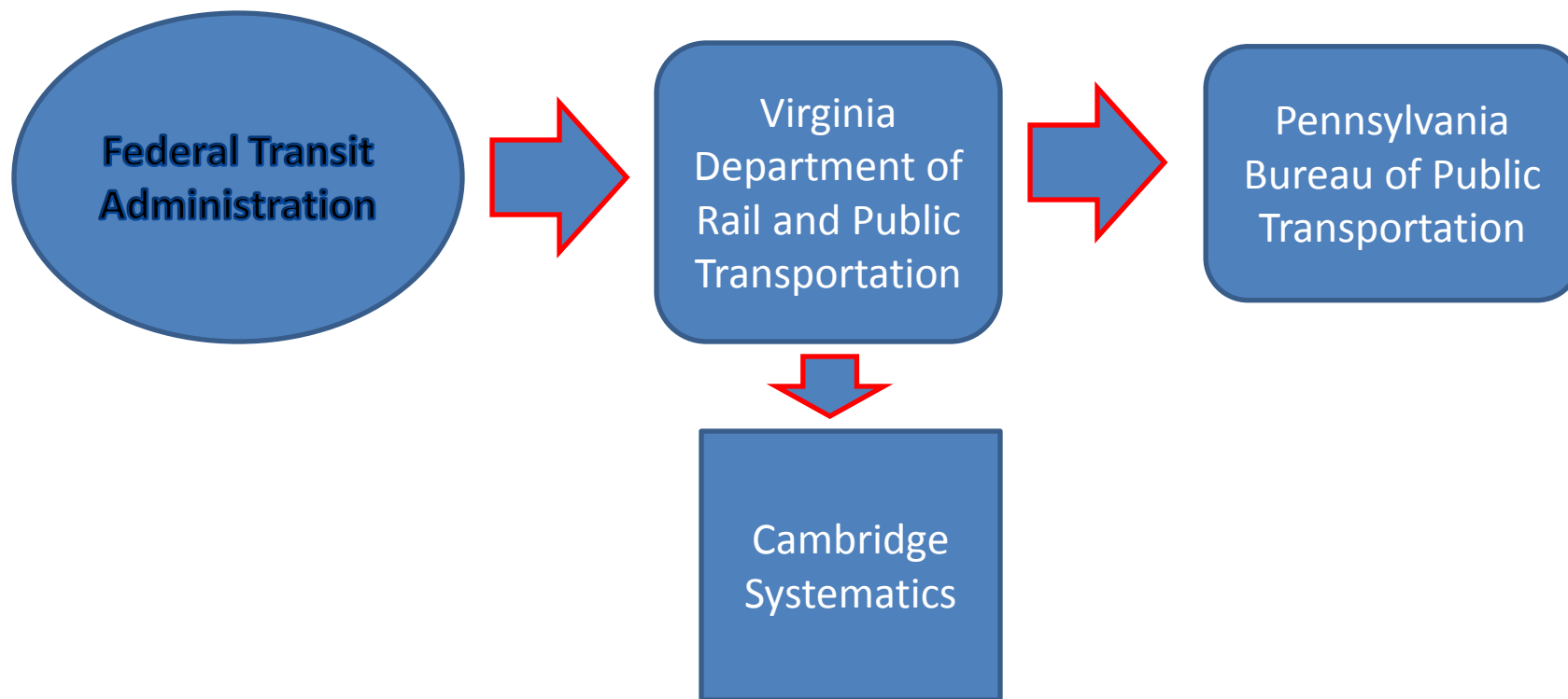
FTA Funded Scope

- Enhance PROGGRES to create “Trans-AM”
- Gather requirements from the entire transit community
 - Expanded technical capabilities
 - More modular and flexible
- Implement Trans-AM at DRPT and other participating properties
- Release Trans-AM as Open Source software
 - -Support enhancements and innovation without vendor-imposed limitations

TransAM Overview

- FTA funded project to create an open-source asset management and capital planning tool for transit organizations. Supported by matching funds from
 - Virginia Department of Rail and Public Transportation (DRPT)
 - PennDOT Bureau of Public Transportation (BPT)
- Goal – Develop a needs-driven capital planning process that
 - Creates and maintains an accurate and up-to-date statewide capital inventory of transit assets
 - Streamlines the grant management process for BPT and transit organizations
 - Reduces the reporting burden for transit organizations
 - Provides detailed reporting for BPT, planning partners, and member organizations

Flow of funding



Project Management

- Regularly scheduled meetings
 - Weekly project team meetings
 - Weekly conference calls with Cambridge
 - Twice weekly requirements elicitation meetings
- Executive and project level action items
- Ad hoc conference calls with Cambridge
- On-site visits by Cambridge
- PennDOT IT key team members
- Transit Agency representative team members

Key Participants

Participant	Agency
Terry Brown	DRPT
BPT Division Chief	PennDOT BPT Key Stakeholder
Two BPT Subject Matter Experts (SME)	PennDOT BPT
Transit Agency Director	Transit Agency
Consultant	PA Public Transit Association (PPTA)
Two Technical Advisers	PennDOT IT
IT Project Manager	Project Manager
Two Consultants	Business Analyst
Transit Agency Beta Testers	Transit Agency

Requirements Management

- Collaborative
- Iterative
- Communications Tool

	A	C	D	E	F	G	H
	Sort #	Req #	Category	Description	Priority	Iteration	Build / Version
1							
8	7	SR301	Assets	The OPT shall explicitly support the following asset types in addition to vehicles: support vehicles, facilities, support facilities, and equipment (including bulk quantity equipment).	H	4	5.4.15.RC3 / 5.5.4.RC2
9	8	SR302	Assets	The OPT shall enable users to associate documents and other data files with any asset.	H	4	5.4.15.RC3 / 5.5.4.RC2
10	9	SR304	Assets	The OPT shall enable users to search assets by entering free form text (like a search engine).	H	4	5.4.15.RC3 / 5.5.4.RC2
12	11	SR311	Assets	The OPT shall maintain a history and timeline of changes to selected data for each asset (e.g., mileage, condition, and other lifecycle events).	H	4	5.4.15.RC3 / 5.5.4.RC2
13	12	SR312	Assets	The OPT shall enable users to update lifecycle event data for any asset.	H	4	5.4.15.RC3 / 5.5.4.RC2
14	13	SR314	Assets	The OPT shall enable users to create, store and view free form text comments associated with any asset.	H	4	5.4.15.RC3 / 5.5.4.RC2
15	14	SR320	Assets	The OPT shall initially be focused on vehicle assets but shall be designed to handle non-vehicle assets as well.	C	4	5.4.15.RC3 / 5.5.4.RC2
16	15	SR357	Assets	The OPT shall maintain a capital inventory for each transit system.	C	4	5.5.5.1 / 5.6.3
17	16	SR358	Assets	The OPT shall require each transit agency to update their inventory once a year.	C	4	5.4.15.RC3 / 5.5.4.RC2
				The OPT shall allow transit systems to upload their capital inventory information via			5.4.15.RC3 /

Testing and Bug Tracking

- Collaborative
- Iterative

1	2	3	4	5	6	7	8	9
Issue Number	Comments	UI Element	Description	Issue Type	Status	Owner	Priority	Build #
1	01	Assets	Attempting to upload a photo on the photo tab. The application went to a blank screen and didn't respond, the image was not loaded.	Bug	Open	Cambridge	Medium	0.4.10 RC5
2	01	Assets	Attempting to upload a PDF file in the photo section of the asset detail screen selected the result, "3 errors prohibited this image from being saved." The screen should provide the user with more information. If the error relates to an invalid file type, a list of file types that can be uploaded should be given.	Bug	Open	Cambridge	Medium	0.4.10 RC5
3	01	Dashboard	User defined filters allow multiple adds with the same name. A filter was added, and then another filter was added with the same name. Both filters are now showing. It appears as if a new filter was added and the original filter was updated. The application should not allow an update of an existing filter.	Bug	Open	Cambridge	Low	0.5.01 / 0.5.0
4	01	Assets	The pop-up you can access by hovering over the "f" on the Asset list screen doesn't always clear from the screen when you move the cursor away. This happened sporadically, sometimes with multiple pop-ups staying on the screen. The only way to clear was to go to another screen and come back to the original asset list screen.	Bug	Open	Cambridge	High	0.5.01 / 0.5.1
5	01	Assets	On the previous bug, alert message boxes are showing more blue boxes than red. This should be fixed.	Bug	Open	Cambridge	Low	0.4.10 RC5

BPT Training for Transit Agencies

- Asset preparation Q & A session
- Webinar training for transit agencies go-live
- Post-implementation support











Outreach Activities


- MTAP Steering Committee Monthly Conference Call
- CPT demonstrations preceding the Public Transit Agency's 5 year Capital and Operating Presentation
- PPTA Spring Conference – April 2013
- 2013 SCOPT and MTAP Winter Meeting – November 18 – 19, 2013
- Transit Agency presentation – March 17, 2014
- Transit Agency Beta Rollout – August 2014
- Fall Planning Partners' Meeting – October 2014
- 21st National Conference on Rural Public and Intercity Bus Transportation Monterey, California – October 26 – 29, 2014
- PPTA Winter Meeting – November 13 – 14, 2014
- Southwestern Planning Commission Meeting – December 2014
- PPTA Spring Conference – April 7 – 9, 2015

TransAM Home Page

Capital Planning Tool (Sandbox)




All Agencies  Julie Lowery 

keywords... 

Assets Failing Audit

ACTS	Revenue Vehicles	0 of 20 (0%)
AMTRAN	Office Equipment	1 of 197 (1%)
AMTRAN	Maintenance Equipment	0 of 104 (0%)
AMTRAN	IT Equipment	0 of 67 (0%)
AMTRAN	Revenue Vehicles	0 of 28 (0%)
AMTRAN	Communications Equipment	0 of 23 (0%)
AMTRAN	Support Vehicles	6 of 6 (100%)
ATA	Revenue Vehicles	0 of 105 (0%)
ATA	Station/Stop Equipment	16 of 118 (100%)

Search

Search for... 

My Notices

No notices.



Activities

Annual Asset Audit

about 2 months

Ensure all assets are updated appropriately.

My Tools



My Messages

New 0

★ Flagged 0

No messages.

My Queues

Tagged Assets 0

No assets in queue.

My Tasks

📅 Due today 0

📅 New 0

No tasks.

TransAM from 10,000 Feet

For Transit Organizations

Capture and maintain an accurate inventory of transit assets

Rolling Stock – Facilities – Equipment

Record annual and final disposition of assets

Provide the basis for a capital planning process that is needs-driven

Replacement – Rehabilitation – Expansion

Maintain a needs-driven list of financially constrained capital projects

Help prioritize projects

Apply for matching funds

Facilitate Federal and State reporting

TransAM from 10,000 Feet *(continued)*

For BPT

Statewide capital inventory of transit assets

Facilitate the annual grant management process

Ties capital projects to physical assets – Review process

Visibility into capital requirements – Prioritization of capital projects

Better Predict Capital Needs

Enhanced Reporting at All Levels

Statewide – Planning partners and other geographies – Transit organizations

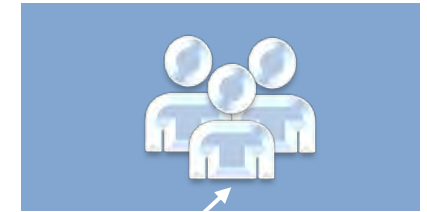
TransAM

TransAM consists of two applications, a database of assets and capital projects, and other software components that allow transit organizations, planning partners, BPT staff, and PennDOT business systems to interoperate during the capital planning process

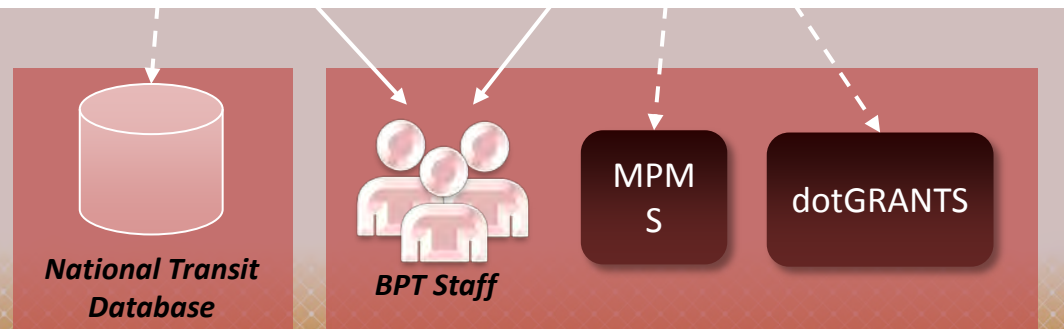
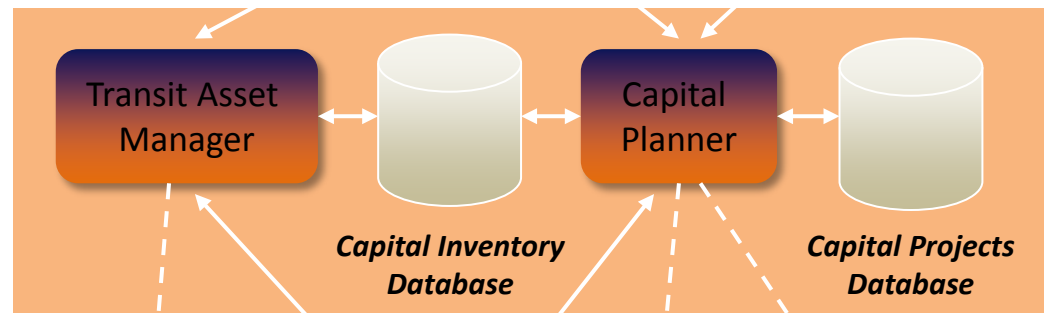
Transit Organizations



Planning Partners

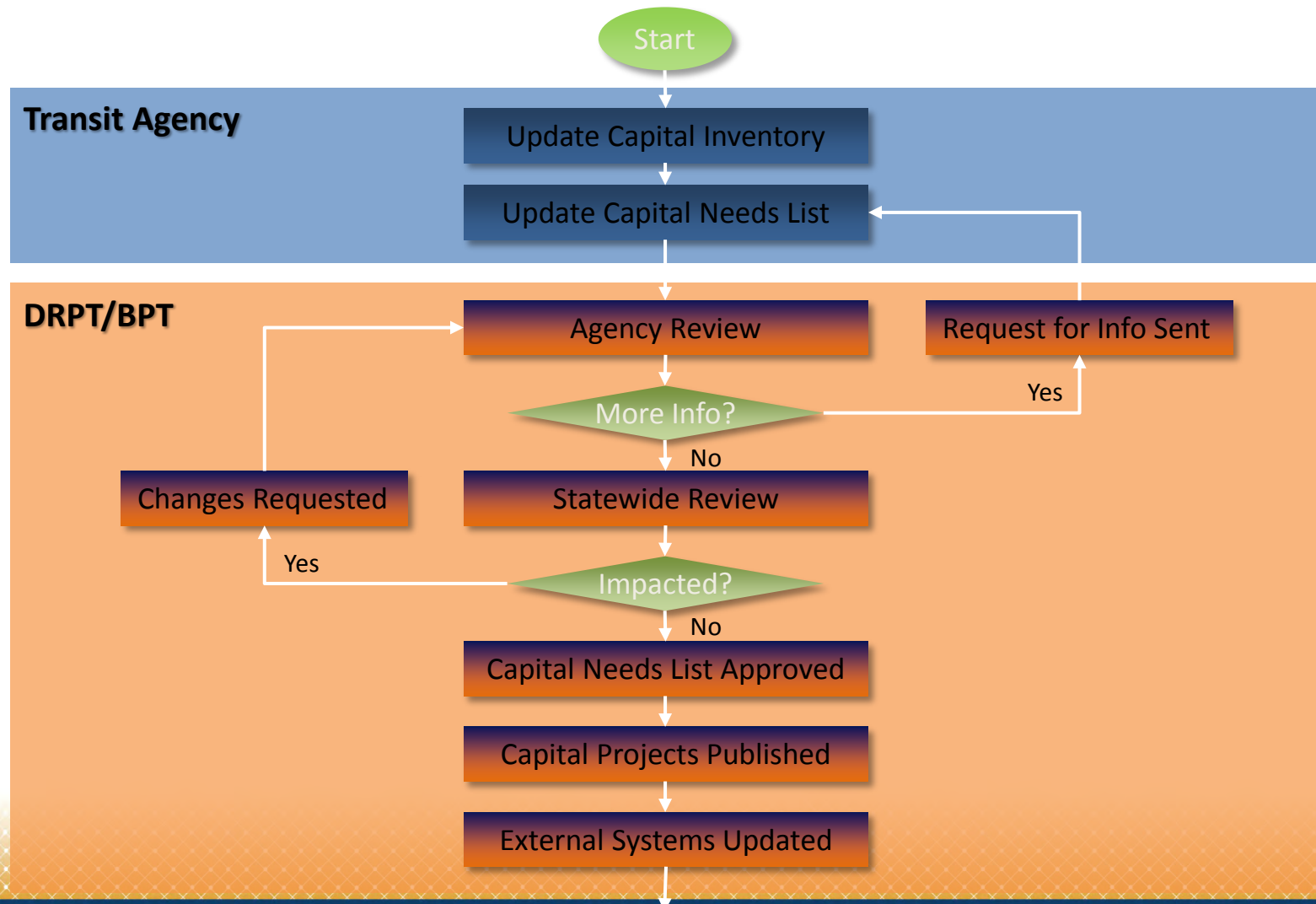


TransAM



External Systems

Combined Capital Planning Workflow



Transit Asset Manager

Management tool focused on capturing and maintaining a database of transit assets

Web based – no software required

Available to all member transit organizations

Easy to use

Tracks transit assets over time

Assets identified and tracked individually

Bulk loading makes it easy for organizations with large fleets

Associates transit assets with Federal grants

Detailed reporting

Federal and State reporting

Transit Asset Manager *(continued)*

Revenue Vehicles

Buses – Mini Vans – Station Wagons, Sedans, etc.

Rail Cars

Light – Heavy

Locomotives

Light – Heavy

Facilities

Transit Facilities – Admin and Support Facilities

Support Equipment

Communications – Service Vehicles

Capital Planning Tool

Project capital needs based on individual asset characteristics

Create and maintain a list of capital projects

Replacement – Rehabilitation – Expansion

Use gap analysis tools to prioritize projects

Asset deterioration models – Cost projection models

Program capital projects

Interact with BPT Program Managers to approve list of programmed projects

Capital Planning Tool *(continued)*

Summarize statewide capital needs

Project needs into the future – Across all transit organizations

Facilitate approval of capital projects

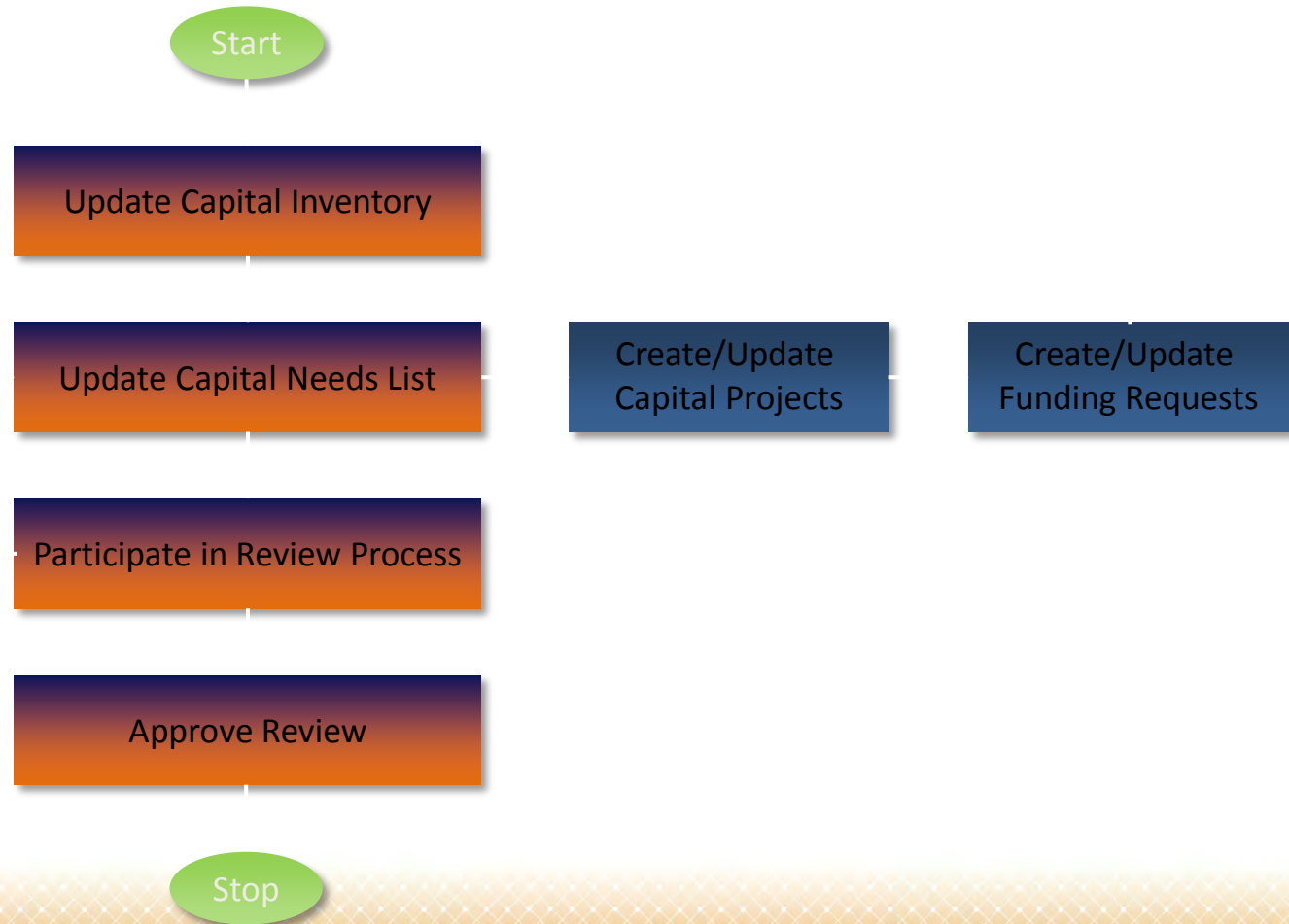
Automate updates to dotGrants and MPMS

Enhance reporting for member organizations

Update external business systems

dotGrants – MPMS

Transit Organization Capital Planning Workflow



TransAM and dotGrants

- TransAM extends the functions of dotGrants
 - Most users will login to dotGrants to access the TransAM components
- Once capital needs lists have been approved, TransAM will share programmed capital projects with dotGrants to initiate the CCA reports
- TransAM will also share data with MPMS to update TIPs

Benefits of TransAM

- Better for everyone
 - More accurate inventory of capital assets makes planning and budgeting easier
 - Linking assets to capital projects makes forecasting and tracking capital needs more efficient and effective
 - Analytical tools help prioritize projects
 - Appropriate tools reduce the amount of time needed to perform workflows
- For transit organizations
 - Software focused on their management needs
 - Open source
 - Free to adopt and modify or use as is
 - Community participation in the evolution of the product keeps the software relevant
 - Access to online tools and the ability to create helpful reporting

Login

Capital Planning Tool

PennDOT Bureau of Public Transportation (BPT)

Please sign in

Email address

Password

Sign in

Forgot your password?



Capital Planning Tool



About TransAM

TransAM is an open-source asset management platform developed by Cambridge Systematics under a FTA State of Good Repair Grant.



System Status

System is up and running.
There are no scheduled maintenance windows for this application.



Getting Help

If you need help using TransAM contact your Project Coordinator at BPT.

Navigating TransAM with the Dashboard

The screenshot displays the TransAM MARTA (QA) dashboard. The top navigation bar includes the title 'TransAM MARTA (QA)', a home icon, a bus icon, a dollar sign icon, a line graph icon, a document icon, a bar chart icon, a gear icon, a search bar with the text 'keywords...', and the user name 'Julian Ray'.

My Queues

Tagged Assets 7

Agency	Type	Asset Tag	Description	In Service	Age	Condition	Status
PVTA	Bus 30 FT	1401	GIL GILLI	04/13/2006	9	4.0	I
SRTA	Bus < 30 FT	1015	STR ALLSTAR	09/01/2010	5	3.0	
SRTA	Bus < 30 FT	1019	STR ALLSTAR	09/01/2010	5	3.0	
SRTA	Bus Station	NBTERM	NB Terminal	08/06/2015	0		
GATRA	Van	BM1	FRD Ecovan	08/06/2015	0	5.0	
NRTA	Van	NRTA27	TOY Sienna	08/06/2015	0	5.0	
SRTA	Bus < 30 FT	1013	STR ALLSTAR	09/01/2010	5	3.0	

Search

Search for...

My Notices

No notices.

My Tools

My Messages

New 4 Flagged 0

- system user 12:50 PM 10/14/2015
User account locked
- system user 10:12 AM 10/08/2015
User account locked
- Julian Ray 01:00 PM 09/22/2015
Work Outing - can you make it?

My Tasks

Due today 2 New 2

- Complete Weekly Field Report 27 days ago
Completer the weekly field report as required (TEST)
- Perform Mileage update to Asset Tag: 214 27 days ago
Asset Tag: 214 requires a recording of the mileage.

My Weather

CAMBRIDGE
48°
Partly Cloudy
High: 53° Low: 35°
Wind: NNW 12mph
Humidity: 50

Mon 26 Oct 2015
Partly Cloudy
High: 53 Low: 35

Tue 27 Oct 2015
Mostly Sunny
High: 57 Low: 42

When you login to TransAM you are taken to the 'Dashboard'

TransAM Dashboard

Concepts

My Queues

Search

My Notices

My Messages

My Tasks

My Tools

My Tools

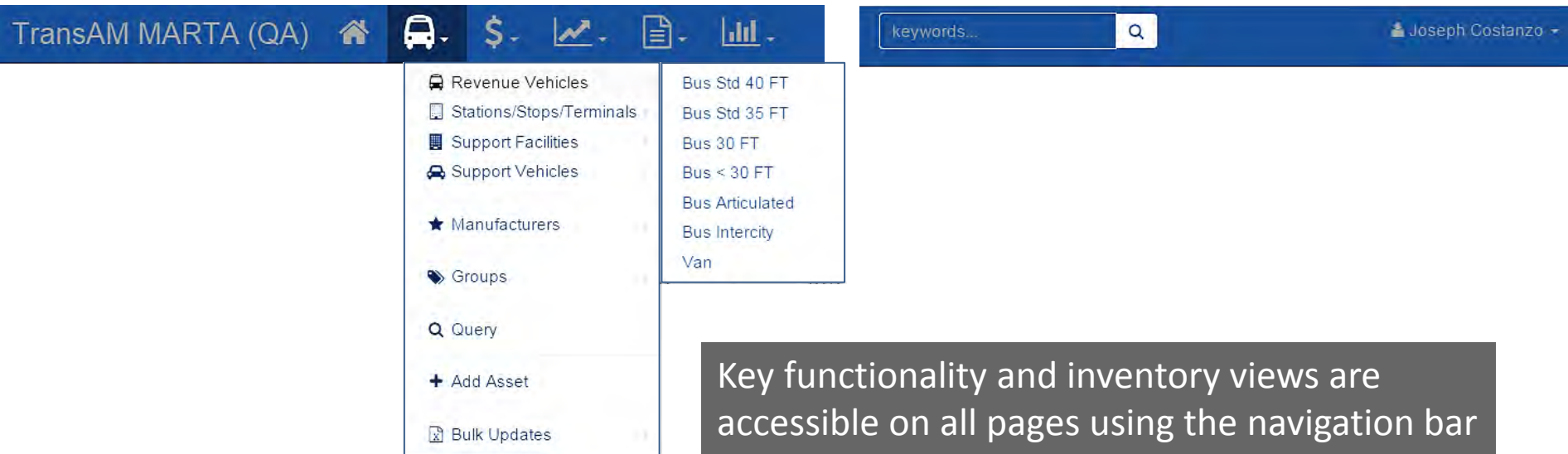


Completer the weekly field report as required (TEST)

Perform Mileage update to Asset Tag: 214
Asset Tag: 214 requires a recording of the mileage.

30 days ago

Navigating TransAM with the Navigation Bar



The screenshot displays the TransAM MARTA (QA) interface. The navigation bar at the top includes a home icon, a bus icon, a dollar sign, a line graph, a document, and a bar chart. A dropdown menu is open under the bus icon, listing various vehicle categories. To the right of the navigation bar is a search bar with the placeholder text "keywords..." and a magnifying glass icon. The user's name, "Joseph Costanzo", is displayed in the top right corner.

Vehicle Category	Vehicle Type
Revenue Vehicles	Bus Std 40 FT
Stations/Stops/Terminals	Bus Std 35 FT
Support Facilities	Bus 30 FT
Support Vehicles	Bus < 30 FT
Manufacturers	Bus Articulated
Groups	Bus Intercity
Query	Van
Add Asset	
Bulk Updates	

Key functionality and inventory views are accessible on all pages using the navigation bar

Managing Assets

Asset Detail Page

Action Button to make updates to an asset

Detail Tabs with Key Asset Information

The screenshot shows the 'Asset Detail' page for a vehicle. A red arrow points to the 'Actions' button in the left sidebar. Another red arrow points to the 'Details' tab and its sub-tabs (Configuration, Purchase, History, Tasks, Comments, Documents, Photos, Charts, FTA Reporting, Depreciation). A third red arrow points to the 'Events Table' at the bottom right.

Asset Information (Left Sidebar):

- Owner: MVRTA
- Description: GIL LOW FLOOR
- Asset Tag: 1201
- Manufacturer: GIL
- Class: Revenue Vehicles
- Type: Bus Std 35 FT
- Status: Unknown
- Groups: Bus 30
- Parent: Administration Building - HQ
- Age: 2 yrs
- Mileage: 79,632
- Reported Condition: New/Excellent
- Scheduled Year: FY 24-25
- Policy Year: FY 24-25
- Book Value: \$267,340

Details Tabs: Configuration, Purchase, History, Tasks, Comments, Documents, Photos, Charts, FTA Reporting, Depreciation

Events Table:

Event	Date	Update	Notes
Location Update	06/30/2014	Administration Building: HQ	
Mileage Update	06/30/2014	Mileage recorded as 79632.	
Condition	06/30/2014	5.0 (New/Excellent)	

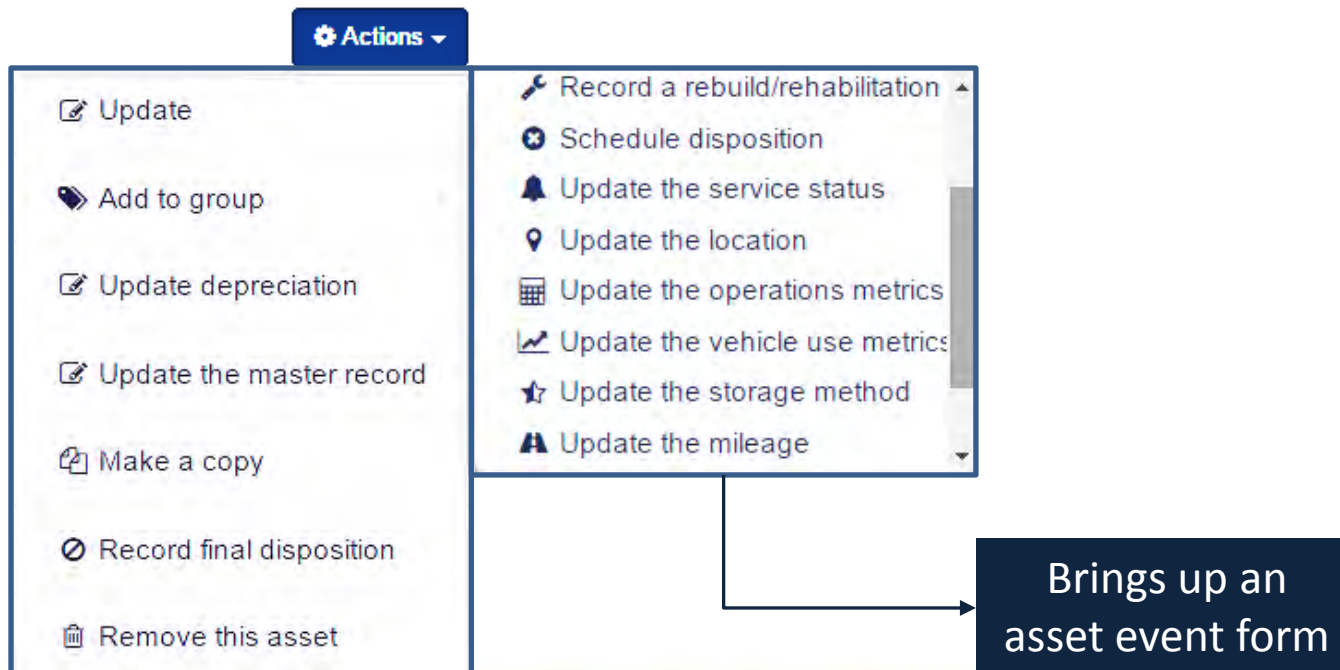
Summary Panel

Events Table

Managing Assets

Edit Actions

Click the 'Action' button to select actions to perform on the asset



Selection of Asset Type

The screenshot shows the 'Capital Planning Tool (Sandbox)' web application. The main content area displays a table titled 'Assets Failing Audit' with columns for Agency, Asset Type, and a count/percentage. A dropdown menu is open, showing a list of asset types for selection.

Agency	Asset Type	Count	Percentage
ACTS	Revenue Vehicles	0 of 20	(0%)
AMTRAN	Office Equipment	1 of 197	(1%)
AMTRAN	Maintenance Equipment	0 of 104	(0%)
AMTRAN	IT Equipment	0 of 67	(0%)
AMTRAN	Revenue Vehicles	0 of 28	(0%)
AMTRAN	Communications Equipment	0 of 23	(0%)
AMTRAN	Support Vehicles	6 of 6	(100%)
ATA	Revenue Vehicles	0 of 105	(0%)

The dropdown menu for 'Assets Failing Audit' includes the following options:

- Revenue Vehicles
- Stations/Stops/Terminals
- Support Facilities
- Support Vehicles
- Maintenance Equipment
- IT Equipment
- Office Equipment
- Communications Equipment
- Signals/Signs
- Rail Cars
- Locomotives
- Manufacturers
- Groups
- Query
- Add Asset
- Bulk Updates

Other sections visible on the page include 'My Notices' (No notices), 'My Messages' (No messages), 'My Queues' (No assets in queue), and 'My Tasks' (No tasks).

Type of Asset - Detail

amazon.com Online S... Crickler NewsPuzzles -... DRPT - Intranet 2004 Gold's Gym Richmond... SiriusXM

Capital Planning Tool (Sandbox) Home Vehicle Location Systems Radios Surveillance & Security Fare Collection Systems Other Communications Equipment

All Agencies - Julie Lowery

keywords...

Assets Failing Audit

ACTS	Revenue Vehicles	0 of 20 (0%)
AMTRAN	Office Equipment	1 of 197 (1%)
AMTRAN	Maintenance Equipment	0 of 104 (0%)
AMTRAN	IT Equipment	0 of 67 (0%)
AMTRAN	Revenue Vehicles	0 of 28 (0%)
AMTRAN	Communications Equipment	0 of 23 (0%)
AMTRAN	Support Vehicles	6 of 6 (100%)
ATA	Revenue Vehicles	0 of 105 (0%)
ATA	Stations/Stops/Terminals	10 of 10 (100%)

My Queues

Tagged Assets 0

No assets in queue.

My Notices

No notices.

My Messages

Vehicle Location Systems
Radios
Surveillance & Security
Fare Collection Systems
Other Communications Equipment

★ Flagged 0

My Tasks

Due today 0 New 0

No tasks.

Revenue Vehicles
Stations/Stops/Terminals
Support Facilities
Support Vehicles
Maintenance Equipment
IT Equipment
Office Equipment
Communications Equipment
Signals/Signs
Rail Cars
Locomotives
Manufacturers
Groups
Query
Add Asset
Bulk Updates

Use of Groups

The screenshot displays the 'Capital Planning Tool (Sandbox)' interface. At the top, a navigation bar includes a home icon, a vehicle icon, and a search bar. The main content area is divided into several sections:

- Assets Failing Audit:** A table listing assets and their audit status.
- My Notices:** A section for notices, currently showing 'No notices.'
- My Messages:** A section for messages, currently showing 'No messages.'
- My Queues:** A section for queues, currently showing 'No assets in queue.'
- My Tasks:** A section for tasks, currently showing 'No tasks.'

A dropdown menu is open, showing a list of asset groups. The 'Groups' option is highlighted, and a sub-menu is visible with the following items:







- Revenue Vehicles
- Stations/Stops/Terminals
- Support Facilities
- Support Vehicles
- Maintenance Equipment
- IT Equipment
- Office Equipment
- Communications Equipment
- Signals/Signs
- Rail Cars
- Locomotives
- Manufacturers
- Groups
- Query
- Add Asset
- Bulk Updates



The 'Groups' option is further expanded, showing two sub-items:


- buses that are 35ft in length
- Manage Groups

The URL bar at the bottom shows the address: `transam-bpt-sandbox.camsys-apps.com/asset_groups`.

Viewing Assets

Capital Planning Tool (Sandbox)      


All Agencies  Julie Lowery 


keywords 


Types & Subtypes



Select Asset Type(s)	Subtypes	Status	Organizations
Type <div>Support Facilities</div> <div>Support Vehicles</div> <div>Maintenance Equipment</div> <div>Facility Equipment</div>	Asset Subtype <div>Low Truck</div> <div>Sedan/Station Wagon</div> <div>Pickup Truck</div> <div>Sports Utility Vehicle</div> <div>Other Support Vehicle</div>	Status <div>Any...</div> <div>Any...</div> <div>Disposed</div> <div>Operational</div> <div>In Service</div>	Organization <div>Any...</div> <div>ACTS-Allied Coordinated Transportation S</div> <div>AMTRAN-Altoona Metro Transit</div> <div>ATA-Area Transportation Authority of North</div>

Keyword

Common Fields 

Vehicle Physical Characteristics 

Vehicle Non-Physical Characteristics 

Query  Reset 

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Asset Type Detail

amazon.com Online Shopping for Electronics, Apparel, Computers, Books, DVDs & more
<http://www.amazon.com/>

All Agencies ▾ Julie Lowery ▾

Search Results Actions ▾ +

Search Results

Tasks Attachments Comments

Agency	Type	Asset Tag	Description	Parent	In Service	Age	Condition	Status	Rehab	Replace	Deprc	Book Value	Flags
PAAC	Pickup Truck	58770-00	FRD 2015 FORD F350		FY 15-16	0				FY 21-22	✓	\$35,077	
YCTA	Van	C-35	DTD Grand Caravan		FY 15-16	0	2.5	I		FY 18-19	✓	\$35,952	
YCTA	Van	C-69	DTD Sprintster		FY 15-16	0	2.0	I		FY 18-19	✓	\$62,213	
HPT	Pickup Truck	9802	GMC Silverado		FY 02-03	13	1.0	I		FY 16-17	✓	\$0	
HPT	Sports Utility Vehicle	9801	FRD Explorer		FY 11-12	4	4.0	I		FY 16-17	✓	\$0	
YCTA	Pickup Truck	95	FRD F150		FY 95-96	20	1.0	O		FY 16-17	✓	\$27,000	
YCTA	Van	25	FRD Aerostar		FY 07-08	8	1.8	I		FY 16-17	✓	\$0	
WBT	Van	1	ZZZ CHEVROLET		FY 06-07	9				FY 16-17	✓	\$0	
WBT	Pickup Truck	2	ZZZ CHEVROLET		FY 96-97	19				FY 16-17	✓	\$0	
WBT	Sports Utility Vehicle	3	ZZZ CHEVROLET		FY 96-97	19				FY 16-17	✓	\$0	

Showing 1 to 10 of 457 rows records per page

« < 1 2 3 4 5 > »







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www.amazon.com/

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
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Building the Funding Plan

Capital Planning Tool (Sandbox)



All Agencies ▾Julie Lowery ▾

keywords... 

 SOGR Project Builder


The **Capital Projects Builder** automatically analyzes the capital inventory for your organization and generates a set of capital projects and adds them into the capital needs list. Each capital project will contain one or more **Activity Line Items**.

The builder will search the list of assets and identify those which are scheduled to be replaced in each fiscal year and are not currently associated with a project. The builder can create projects for both **replacement** and **rehabilitation** of existing assets.

Once the builder has completed, you will need to review each capital project and provide the following information:

- Description of the project
- Justification for the project

To make it easy for you, the builder will create a new task for each capital project that is created and send you reminders that they need to be updated.

 Capital Project Builder Details


* Asset types

☒ Purchase

☐ Lease

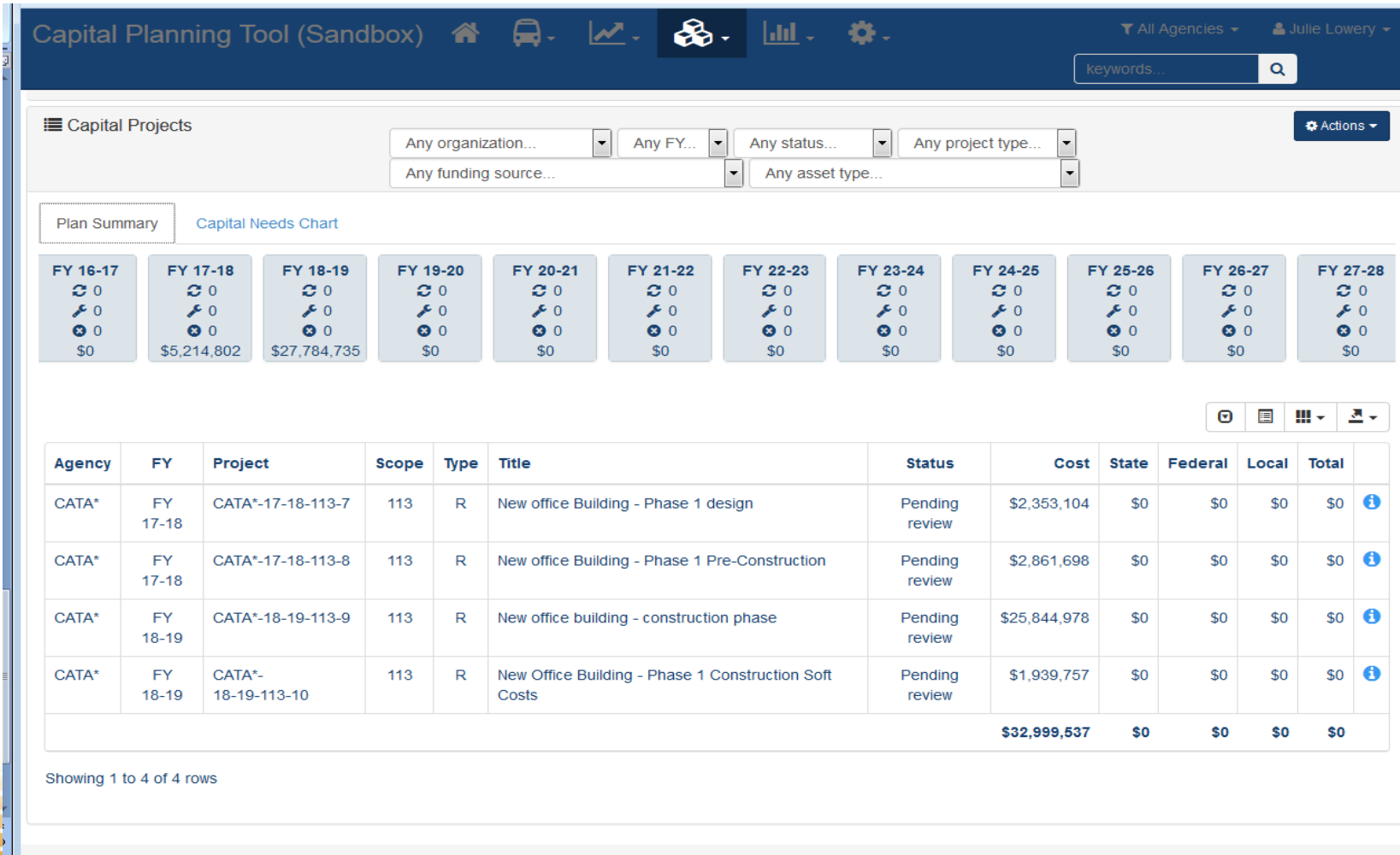
* Purchase or Lease

Run...

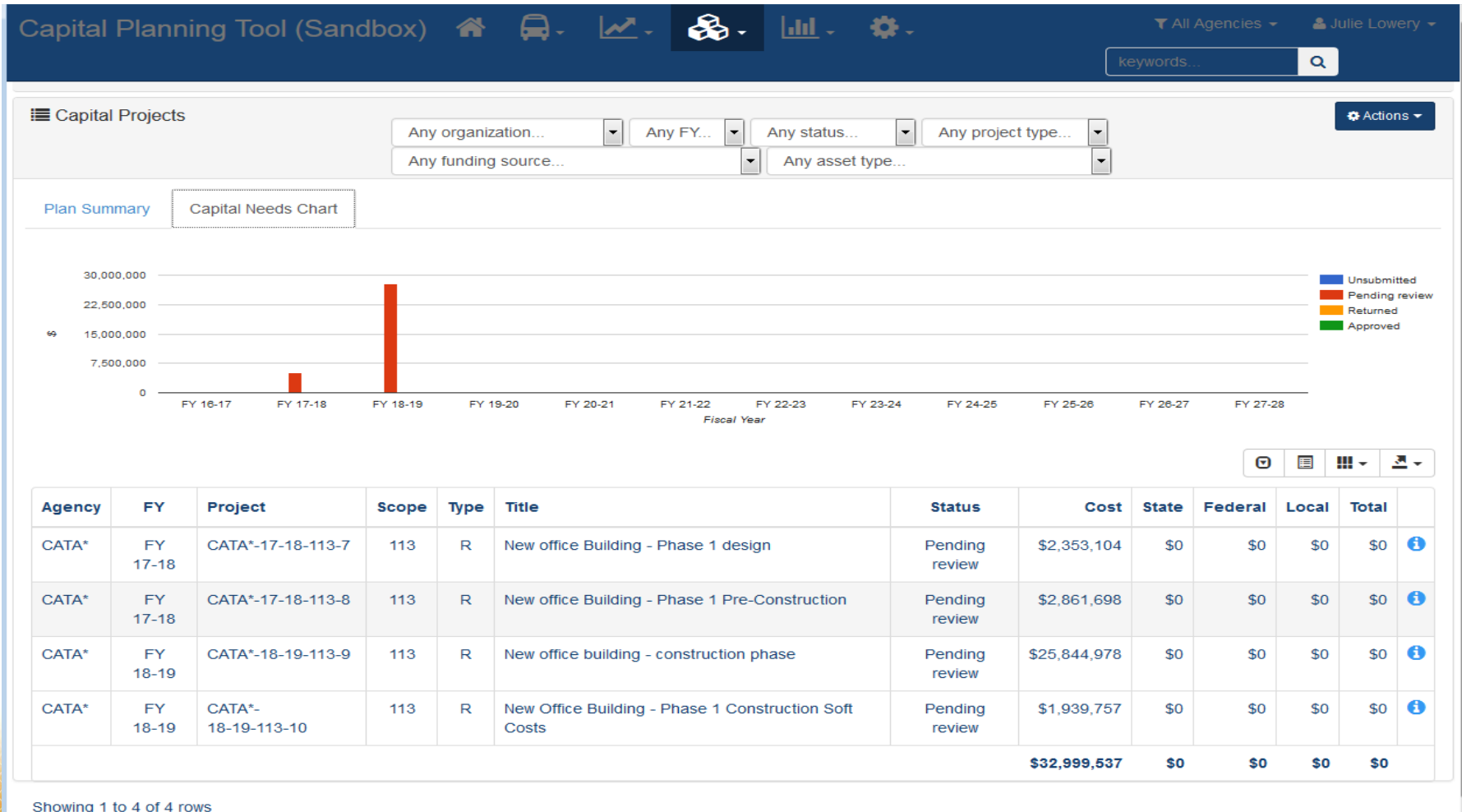
 Instructions

1. Select a type of asset to analyze from the dropdown. If you want to analyze the complete inventory select 'All...'
2. Select how your organization acquires new assets. If assets are typically leased select 'Lease' otherwise select 'Purchased'

Funding Plan



Detailed Funding View



Policies



- Organization Policy
- Asset Type Policy
- Asset Subtype Policy

Asset Subtype	Fuel Type	ESL (Mo)	ESL (Mi)	Repl. Cost	Cost FY	Replace New	Replace Leased	Replace Fuel Type	Lease Length (Mo)	Rehab Month	Rehab Cost	Change in ESL (Mo)	Change in ESL (Mi)	ESL Used (Mo)	
Bus Shelter		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Bus Station		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Ferry Dock		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Intermodal Terminal		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Park and Ride Lot		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Parking Garage		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Parking Lot		300		\$0	FY 16-17	✓			0	0	\$0	0		0	
Other Transit Facility		300		\$0	FY 16-17	✓			0	0	\$0	0		0	

Managing Assets

Select the Asset Type for a New Asset

[Home](#) [Add Asset](#)

New Asset

* Asset Type

Bus Commuter/Suburban

Select asset type...

Revenue Vehicles

Bus Std 40 FT

Bus Std 35 FT

Bus 30 FT

Bus < 30 FT

Bus School

Bus Articulated

Bus Commuter/Suburban

Bus Intercity

Bus Trolley Std

Bus Trolley Articulated

Bus Double Deck

Bus Dual Mode

Van

Sedan/Station Wagon

Ferry Boat

Stations/Stops/Terminals

Bus Shelter

Bus Station

Description

Bus Commuter/Suburban







Adding an Asset (35 FT Bus)


Home / Revenue Vehicles / Bus Std 35 FT / New

Vehicle Type * Asset Tag <input type="text"/> External ID <input type="text"/> * Manufacturer <input type="text" value="Select manufacturer..."/> * Manufacturer Model <input type="text"/> * Manufacture Year <input type="text"/> * VIN <input type="text"/> License Plate <input type="text"/> Title Number <input type="text"/> * Title Owner <input type="text"/>	Characteristics * Fuel Type <input type="text" value="Select type of fuel..."/> * Vehicle Length (ft) <input type="text"/> Gross Vehicle Weight (lbs) <input type="text"/> * Seating Capacity <input type="text"/> * Standing Capacity <input type="text"/> * Wheelchair Capacity <input type="text"/> Vehicle Features <input type="checkbox"/> AVL System <input type="checkbox"/> Lift Equipped <input type="checkbox"/> Electronic Ramp <input type="checkbox"/> Video Cameras <input type="checkbox"/> Fare Box (Standard) <input type="checkbox"/> Fare Box (Electronic) <input type="checkbox"/> Radio Equipped <input type="checkbox"/> Bike Rack <input type="checkbox"/> Scheduling Software <input type="checkbox"/> WIFI Rebuild Year <input type="text"/> Vehicle Rebuild Type <input type="text" value="Select vehicle rebuild type..."/>	Purchase * Purchase Cost \$ <input type="text"/> * Purchase Date <input type="text"/> Warranty Date <input type="text"/> In Service Date <input type="text"/> Purchased New <input type="radio"/> Yes <input type="radio"/> No Vendor <input type="text" value="Enter vendor name"/> * Expected Useful Life <input type="text"/> * Expected Useful Miles <input type="text"/>	FTA Reporting <input type="checkbox"/> ADA Accessible * FTA Funding Type <input type="text" value="Select funding type..."/> <input type="checkbox"/> FTA Emergency Contingency Fleet * FTA Vehicle Type <input type="text"/> FTA Mode Types <input type="text" value="Unknown"/> FTA Service Types <input type="checkbox"/> Directly Operated <input type="checkbox"/> Purchased Transportation <input type="checkbox"/> Unknown * FTA Ownership Type <input type="text" value="Select ownership type..."/> Parent <input type="text"/> Grant Pcnt <input type="text"/> <input type="text" value="0"/> % Grant Pcnt <input type="text"/> <input type="text" value="0"/> %
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Reports


TransAM MARTA (QA)





keywords... 


Joseph Costanzo


[Home](#) [Reports](#)


**User Login Report**
Displays a summary of user logins by organization.


**Issues Report**
Displays a list of reported user issues.


**Useful Life Consumed Report**
Displays a summary of the amount of useful life that has been consumed as a percentage of all assets.


**Asset Condition Report**
Displays asset counts by condition.


**Asset Subtype Report**
Displays asset counts by subtypes.

**Asset Age Report**
Displays asset counts by age.

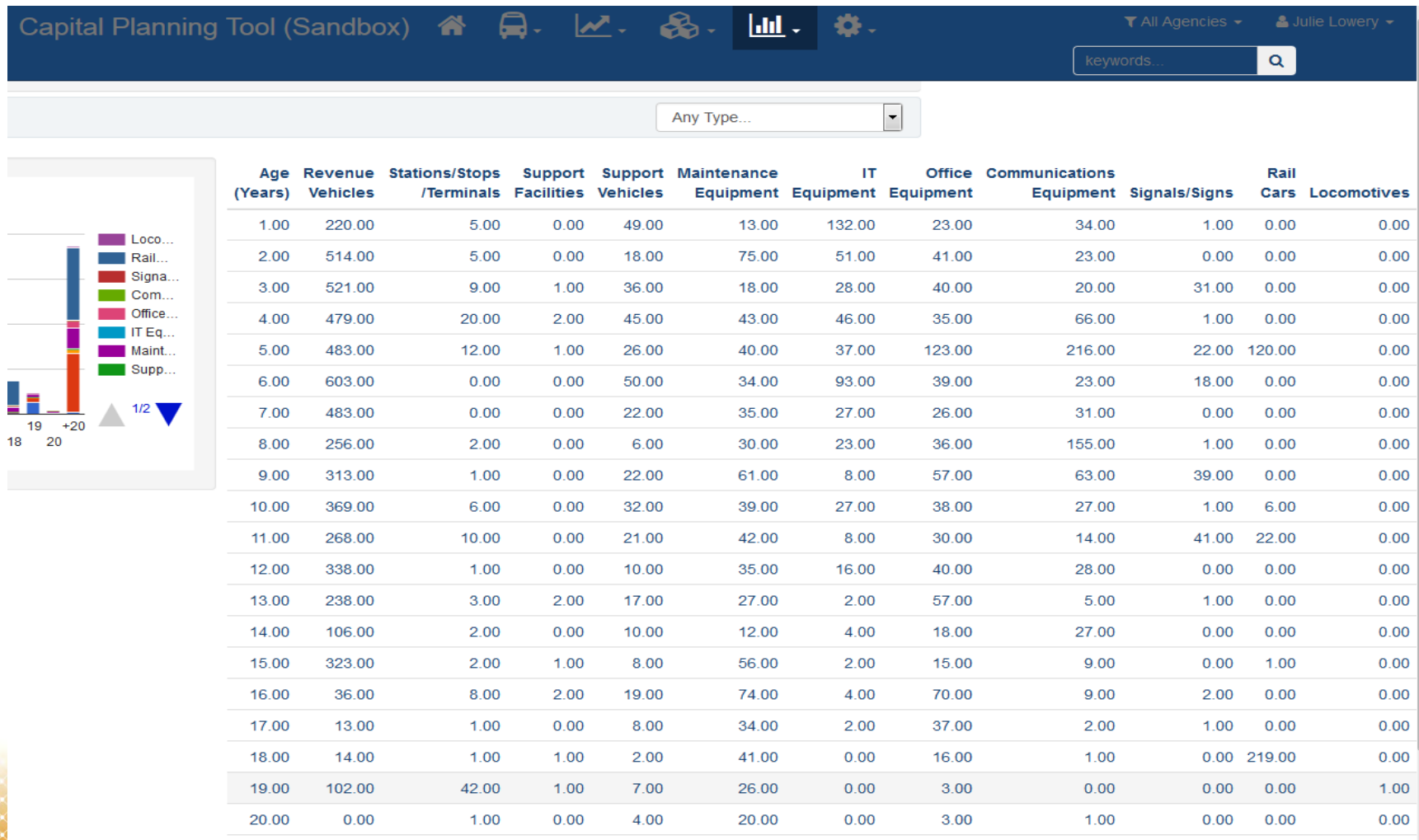
**Backlog Report**
Determines backlog needs.

**Vehicle Replacement Report**
Reports the list of vehicles scheduled to be replaced.

**State of Good Repair Report**
Reports an agency's current State of Good Repair.

**Disposition Report**
Reports Vehicles which have been disposed.

Age of Assets in Aggregate



State of Good Repair Report

State of Good Repair: FY 15-16

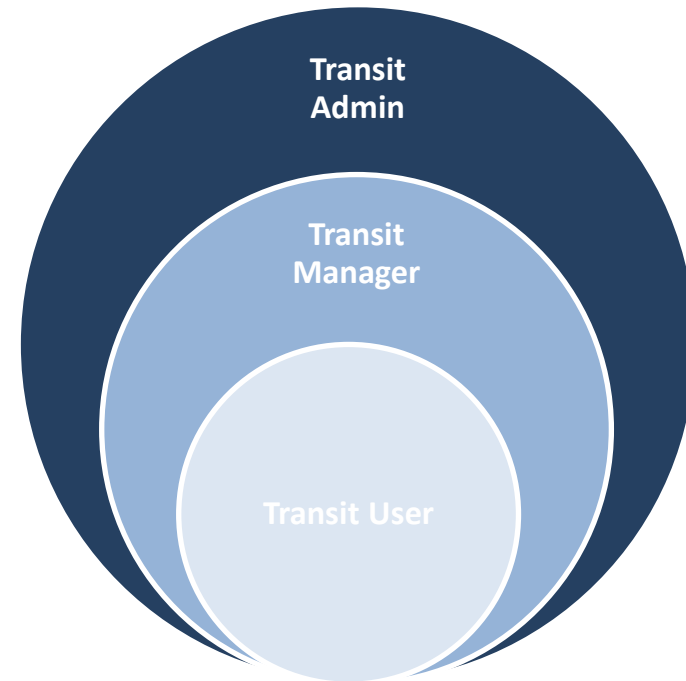
Type	Sub Type	Count	Book Value	Replacement Cost
Revenue Vehicles	Bus Std 40 FT	5	\$1,855,160	\$1,868,135
Revenue Vehicles	Bus Std 35 FT	15	\$2,506,420	\$2,523,402
Revenue Vehicles	Bus 30 FT	12	\$1,768,663	\$1,784,745
Revenue Vehicles	Bus < 30 FT	126	\$8,449,324	\$8,543,234
Revenue Vehicles	Bus Commuter/Suburban	14	\$4,091,489	\$4,116,409
Revenue Vehicles	Bus Trolley Std	3	\$684,249	\$690,000
Revenue Vehicles	Van	3	\$108,057	\$110,358
Stations/Stops/Terminals	Bus Shelter	10	\$59,499	\$0
Stations/Stops/Terminals	Bus Station	4	\$5,399,521	\$0
Stations/Stops/Terminals	Intermodal Terminal	2	\$2,792,295	\$0
Stations/Stops/Terminals	Park and Ride Lot	1	\$252,101	\$0
Support Vehicles	Van	6	\$98,165	\$236,417
Support Vehicles	Sedan/Station Wagon	4	\$0	\$99,906
Support Vehicles	Pickup Truck	5	\$27,000	\$274,879
Support Vehicles	Sports Utility Vehicle	3	\$0	\$96,220
Maintenance Equipment	Bus Maintenance Equipment	2	\$2,820	\$0
Communications Equipment	Vehicle Location Systems	1	\$20,000	\$20,220
Communications Equipment	Fare Collection Systems	1	\$0	\$578,021
		217	\$28,114,763	\$20,941,946

Bus Std 40 FT

Asset Tag	VIN / SN	Fuel	Description	Mileage	Length	In Service	Age	Rep. Cost Grant	ADA	FTA Mode	FTA Bus Mode	FTA Ownr	Condition	Sched. Repl.	Policy Repl.	Book Value
316	15GGD3018D1181726	HD	GIL LOW FLOOR BRT	117,487	40	FY 13-14	2	\$602,045	✓	MB	FR	OOPA	New/Excellent	FY 24-25	FY 24-25	\$597,864
317	15GGD301XD1181727	HD	GIL LOW FLOOR BRT	88,045	40	FY 13-14	2	\$602,045	✓	MB	FR	OOPA	New/Excellent	FY 24-25	FY 24-25	\$597,864
318	15GGD3011D1181728	HD	GIL LOW FLOOR BRT	113,294	40	FY 13-14	2	\$602,045	✓	MB	FR	OOPA	New/Excellent	FY 24-25	FY 24-25	\$597,864
314	15GDD2013T1087362	DF	GIL PHANTOM	645,031	40	FY 09-10	6	\$31,000	✓	MB	FR	OOPA	Adequate	FY 16-17	FY 14-15	\$30,784
315	15GDD2011T1087361	DF	GIL PHANTOM	630,286	40	FY 09-10	6	\$31,000	✓	MB	FR	OOPA	Adequate	FY 16-17	FY 14-15	\$30,784
																\$1,855,160

User Roles

- **Transit Agency Users** – The most common TransAM user – assigned to all standard agency users.
- **Transit Manager** – Each agency has one or more members that are assigned this role to manage their organization and their users' preferences.
- **Transit Admin** – These are the system administrators and have access to special tools that let them oversee and manage the TransAM deployment.



Lessons Learned

- The following changes would have provided added benefit to the project:
 - Full-time project managers and business analysts on all teams
 - Increased collaboration with the FTA throughout the project
 - Development of risk register

