

UTA Board of Trustees Meeting

April 17, 2019



Call to Order and Opening Remarks



Pledge of Allegiance



Safety First Minute



**Don't let April Showers bring you hospital flowers.
Stay alert when driving in wet conditions.**



UTA 
SAFETY & SECURITY

April 2019



Public Comment Period



Public Comment Guidelines

- Each comment will be limited to two minutes per citizen or five minutes per group representative
- No handouts allowed



Approval of April 10, 2019 Board Meeting Minutes

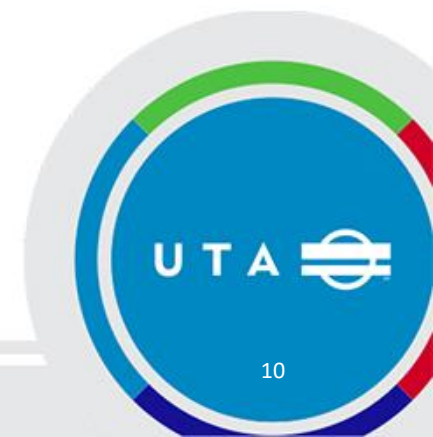


Recommended Action (by acclamation)

Motion to approve



Agency Report



Light Rail Overhaul Program

UTAH TRANSIT AUTHORITY



Light Rail Fleet



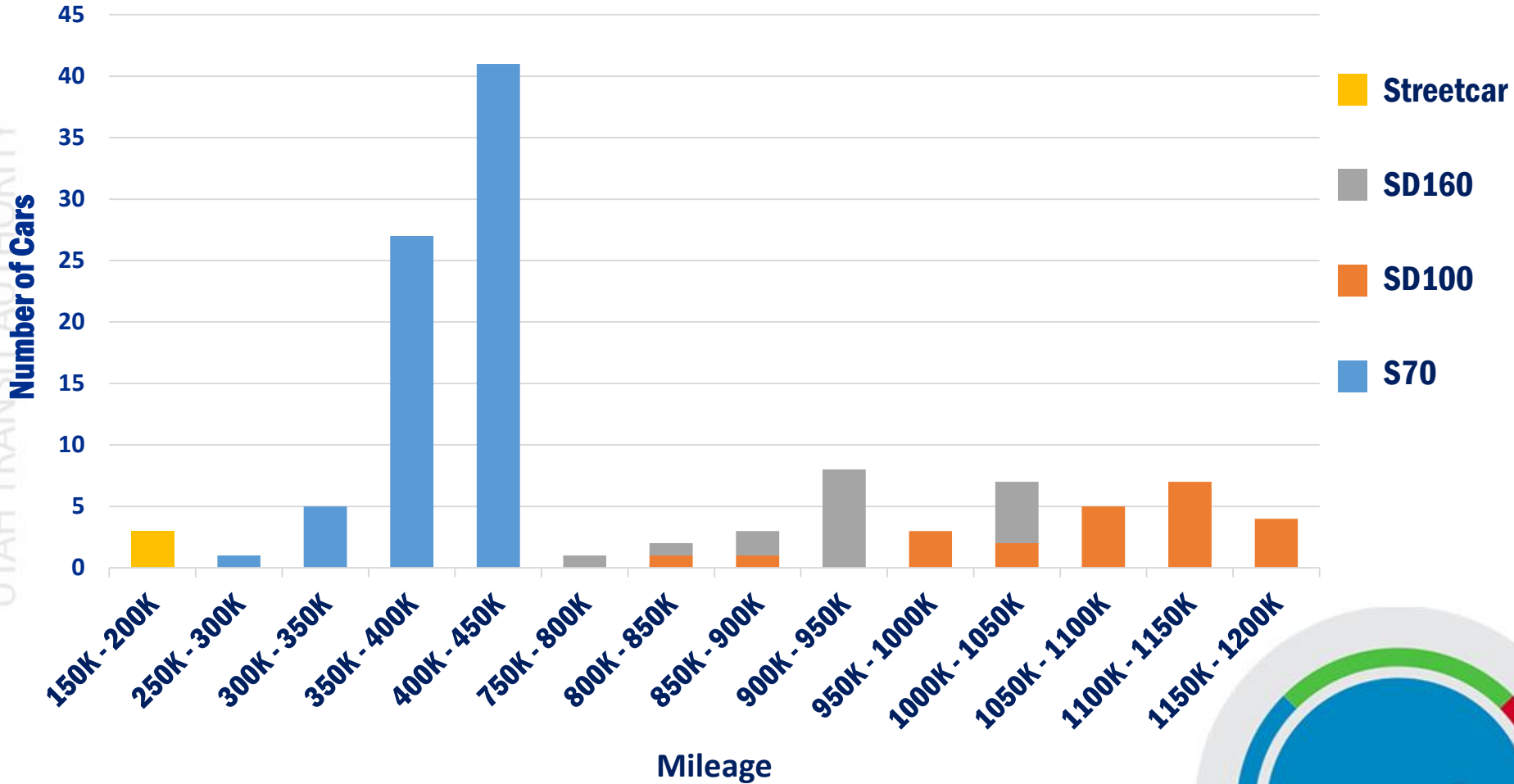
- **23-Siemens SD100's**
 - **1999**
- **17-Siemens SD160's**
 - **2001 – 2003**
- **77-Siemens S70's**
 - **2011**

Light rail vehicle life expectancy = 30 Years



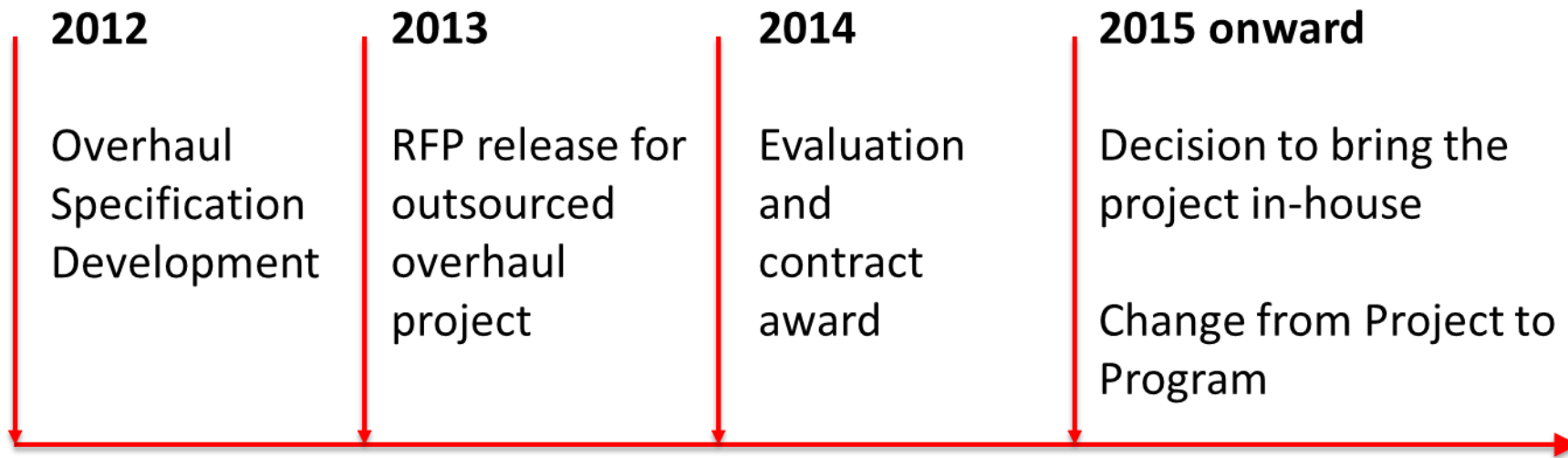
Light Rail Fleet

UTAH TRANSIT AUTHORITY



Light Rail Overhaul Program

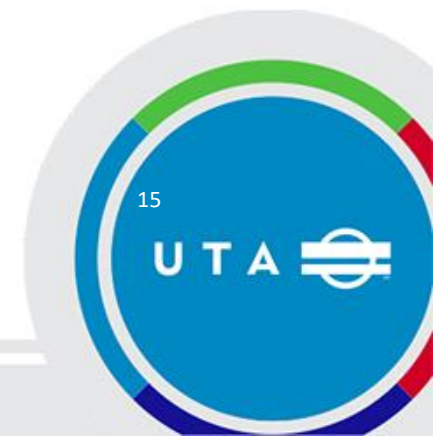
Background



Light Rail Overhaul Program

From Project to Program

- Long term vision
- Grow internal capabilities for overhaul and repair
- Increase visibility and tracking
- Reduce lead times
- Balance costs/obligations
- Accountability



Light Rail Overhaul Program

Overhaul Shops

Truck Shop

- Truck Shop
- Gearbox Shop
- Pantograph Shop
- Brake Shop
- Electronics Shop
- Coupler Shop
- Battery Shop
- ADA Ramp Shop
- Body Shop
- Wheel Truing



Pantograph Shop



Light Rail Overhaul Program

Overhaul Shops

Body Shop



Brake Shop



Fabrication Shop



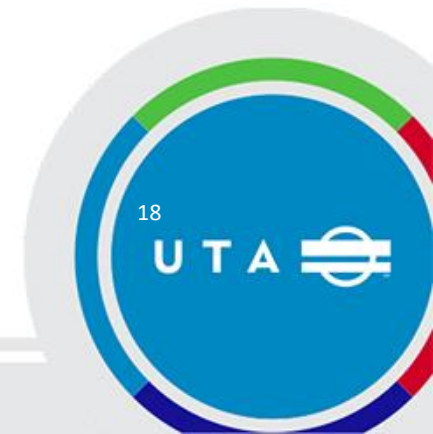
Machine Shop



Light Rail Overhaul Program

Status - Completed

- ✓ Brake hydraulic hose replacement
- ✓ SD-100/SD-160 high speed circuit breakers
- ✓ SD-100/SD-160 operator seats
- ✓ Axle gearboxes
- ✓ Friction brake system
- ✓ Surge arrestor
- ✓ SD100/SD160 Camera systems
- ✓ S70 Camera systems
- ✓ Aux power supply
- ✓ SD-100/SD-160 ADA ramps
- ✓ A50 protection module
- ✓ Run number signs
- ✓ SD-100 caliper support rod
- ✓ Exterior and interior lighting
- ✓ SD-100 brake resistor
- ✓ SD-100 traction motors



Light Rail Overhaul Program

Status – In Process

SD100/SD160 Traction Container	SD100/SD160 Track Brakes	SD160 Sand Box Upgrade	SD100/SD160 Master Controllers	S70 Blower Motor
Passenger Seats	Cab Side Windows	ADA Seats	Power Trucks	SD100 Low Voltage Power Supply
SD100/SD160 Electronic Hydraulic Unit Power Truck	SD100/SD160 Electronic Hydraulic Unit Center Truck	SD100/SD160 Door Overhaul	Center Truck	SD160 Auxiliary Power Supply
SD100 Gearbox	S70 ADA Ramps	Current Regulator Module	S70 High Speed Circuit Breaker	S70 Coupler
S70 Battery Refurbishment	S70 Pantograph	Body Program	SD100/SD160 Couplers	SD100/SD160 Caliper



Light Rail Overhaul Program

Status – Upcoming

S70 Body Program	S70 Track Brakes	S70 Door Overhaul	S70 Sand box	SD160/S70 AC Traction Motor
S70 Passenger Seats	S70 Aux Power Supply	S70 ADA Seats	S70 Power Trucks	S70 Low Voltage Power Supply
S70 Electronic Hydraulic Unit Power Truck	S70 Electronic Hydraulic Unit Center Truck	S70 Door Overhaul	S70 Center Truck	S70 Brake Resistor
S70 ¼ Life	S70 Power Protection System	S70 Propulsion Container	S70 High Speed Circuit Breaker	S70 Coupler
Communication System	Mixed Consist			

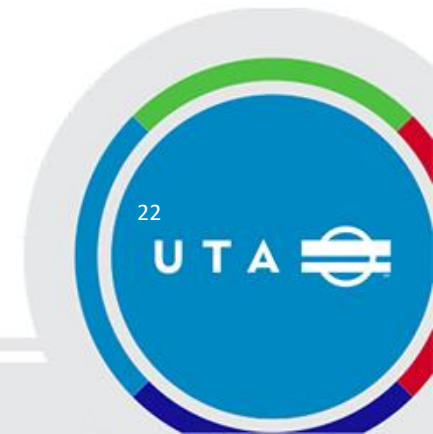
Light Rail Overhaul Program

- Two SD-100 trains painted/wrapped
- On track to complete three more in 2019
- Planning to complete four trains annually in future years



Light Rail Overhaul Program

- Overhaul program is continuous
- Need for year over year funding
- ¼, ½, ¾ life
- Need to tool up for the S70 ¼ life overhaul
- Manufacturer/best practices
- Engineering/contracting
- Parts procurement
- Obsolescence
- Technology advancements



Light Rail Overhaul Project

5 Year SOGR Budget Request

Year	2020	2021	2022	2023	2024
Budget	\$12,520,830	\$12,216,869	\$12,500,000	\$12,800,000	\$13,200,000

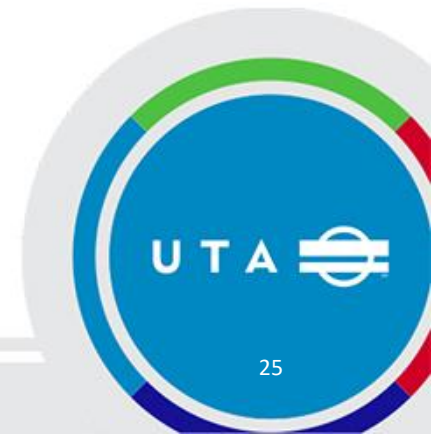


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Light Rail Overhaul Program

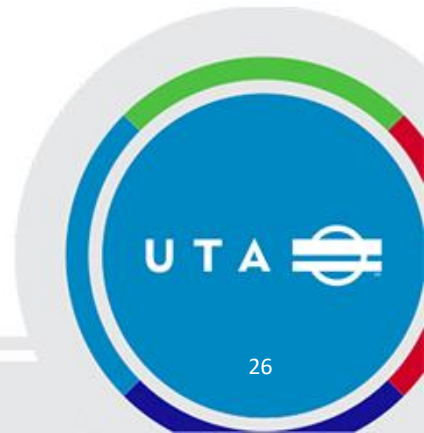


Questions?



UVX Budget and Right of Way Update

UTAH TRANSIT AUTHORITY



Overall UVX Budget

Item	Current Budget	Expended to Date	Remaining Obligations	Remaining Budget After Obligations
SCC 10: Guideway (Bus Lanes)	\$ 4,141,000	\$ 4,140,795	\$ -	\$ 205
SCC 20: Stations	\$ 7,861,000	\$ 7,855,957	\$ 4,868	\$ 175
SCC 30: Support Facilities (Timp Facility)	\$ 13,445,000	\$ 13,341,657	\$ 102,543	\$ 800
SCC 40: Sitework & General Conditions	\$ 58,703,000	\$ 55,265,249	\$ 3,436,907	\$ 844
SCC 50: Systems	\$ 10,576,000	\$ 8,436,593	\$ 2,138,602	\$ 805
SCC 60: Right of Way	\$ 14,540,000	\$ 12,423,565	\$ 1,455,121	\$ 661,223
SCC 70: Vehicles	\$ 26,341,000	\$ 26,320,897	\$ 20,000	\$ 103
SCC 80: Professional Services	\$ 20,666,000	\$ 19,884,606	\$ 781,035	\$ 359
Subtotal - Grant Expenses	\$ 156,273,000	\$ 147,669,319	\$ 7,939,076	\$ 664,514
Subtotal - Non Grant Expenses*	\$ 3,954,036	\$ 1,965,730	\$ 1,394,377	\$ 593,929
Project Total	\$ 160,227,036	\$ 149,635,049	\$ 9,333,453	\$ 1,258,443

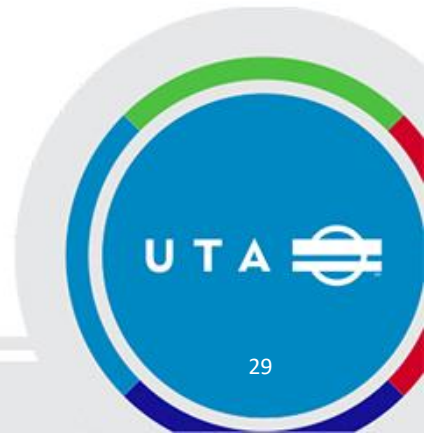
*Non-Grant Expenses include: UTA commitments to Provo and Orem cities for enhancements that were not grant-eligible and additional items needed for the Timpanogos facility that were not included in the original grant.

Right of Way Budget

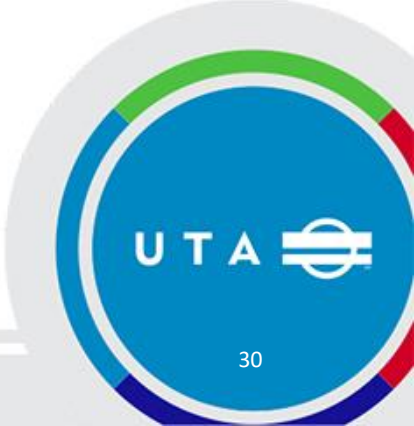
Remaining ROW Obligations	\$	1,455,121
Unallocated Contingency	\$	661,514
Expended ROW Budget	\$	12,423,565
Total	\$	14,540,291

EFC – PMI 2019 Project of the Year Award

UTAH TRANSIT AUTHORITY



Point of the Mountain Alternatives Analysis



Quarterly Investment Report



Utah Transit Authority

Investment Portfolio

March 31, 2019

Investment	CUSIP	Amount Invested	Purchase Date	Maturity	Yield to Maturity	Annual Earnings
FHLB 2.000%	313380GJ0	\$ 5,015,494.44	9/25/2017	9/9/2022	1.953%	\$ 97,861
FHLB 2.000%	313380GJ0	\$ 5,011,255.56	9/29/2017	9/9/2022	1.976%	\$ 98,892
FHLB 2.000%	313380GJ0	\$ 5,011,405.56	9/29/2017	9/9/2022	1.975%	\$ 98,863
FHLB 2.000%	313380GJ0	\$ 5,008,311.11	10/10/2017	9/9/2022	2.001%	\$ 100,167
FAMCA 1.800%	3132X0WX5	\$ 4,952,250.00	10/11/2017	8/26/2022	2.051%	\$ 102,670
FFCB 2.08%	3133EHM91	\$ 4,992,900.00	11/1/2017	11/1/2022	2.110%	\$ 105,623
FHLB 2.030%	3130ACS96	\$ 4,982,373.61	11/14/2017	11/7/2022	2.113%	\$ 105,774
FFCB 2.08%	3133EHM91	\$ 4,987,466.67	11/22/2017	11/1/2022	2.110%	\$ 105,623
		\$ 39,961,456.95				

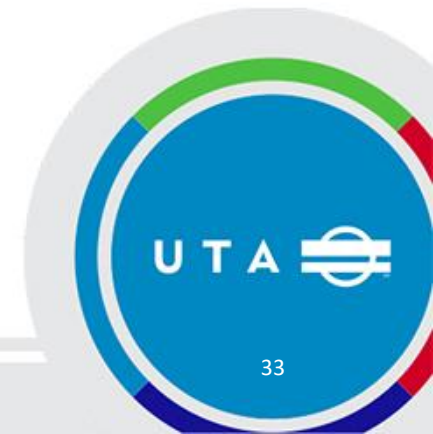
Zions Capital Advisors	\$ 28,001,188.38	2.701%	\$ 756,312
Zions Bank	\$ 16,360,345.10	2.380%	\$ 389,376
Public Treasurer's Investment Fund	\$ 164,247,971.84	2.956%	\$ 4,855,170
Total Investments	<u>\$ 248,570,962.27</u>		<u>\$ 6,816,332</u>

Rates as of Last Trading Day of

	<u>January</u>	<u>February</u>	<u>March</u>
Zions Capital Advisors	2.854%	2.743%	2.701%
Public Treasurer's Investment Fund	2.871%	2.937%	2.956%
Benchmark Return*	2.410%	2.450%	2.440%

*Benchmark Return is the highest of either the 3 Month T Bill rate or the Fed Funds rate.

Contracts, Disbursement, Change Orders, and Pre-Procurements



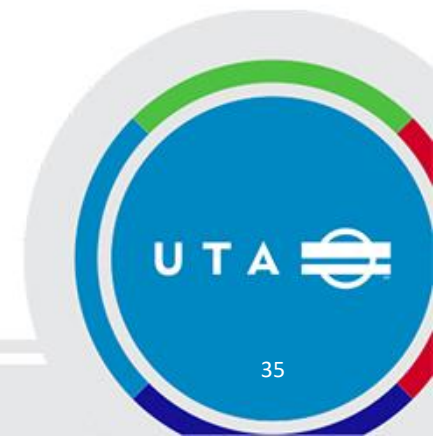
Contract: Joint Vendor Managed Inventory (The Aftermarket Parts Co.)

- Description and purpose:
 - Manage significant challenges in obtaining aftermarket parts due to long lead times, inflated pricing, availability, and obsolescence
 - UTA is partnering with San Diego Transit (SDMTS) and Portland Transit (Tri-Met) to jointly procure vendor managed inventory services
- Total contract:
 - \$1,250,000

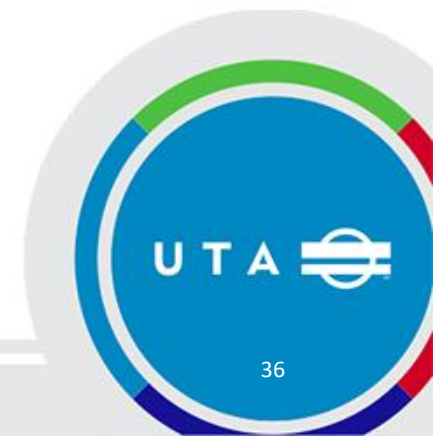


Recommended Action (by roll call)

Motion to approve contract:
Joint Vendor Managed Inventory
(The Aftermarket Parts Co.)



Discussion Items

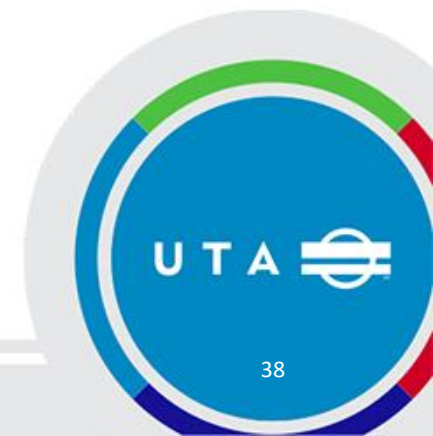


Amending Board Policy 4.1.3 – Process for Establishing Board Policies



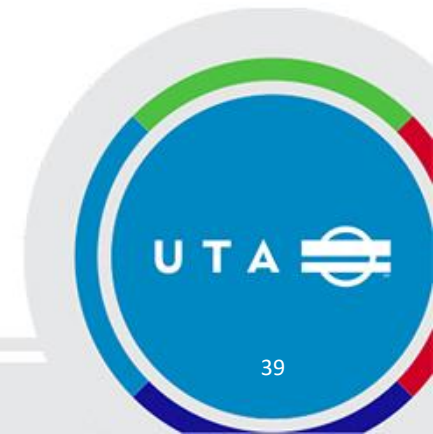
Other Business

- a. Next meeting: April 24, 2019 at 9:00 a.m.



Closed Session

- a. Strategy session to discuss collective bargaining



Recommended Action (by acclamation)

Motion to go into closed session



Open Session



Adjourn

