

SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT
300 Lakeside Drive, P. O. Box 12688, Oakland, CA 94604-2688

NOTICE OF MEETING AND AGENDA
BOND OVERSIGHT COMMITTEE

Friday, September 20, 2019
9:30 a.m. – 11:00 a.m.

COMMITTEE MEMBERS: Marian Breitbart, Michael Day, Leah Edwards, Daren Gee, Michael McGill, Catherine Newman, John Post

A Meeting of the Bond Oversight Committee will be held on Friday, September 20, 2019, at 9:30 a.m. The Meeting will be held in Conference Room 2100, 300 Lakeside Drive, 21st Floor, Oakland, California.

AGENDA

1. Call to Order
 - A. Roll Call
2. Introduction of Committee Members and BART Staff
3. Meeting Minutes: June 21, 2019 and July 16, 2019 (Special Meeting) (For Discussion/Action)
4. Review of BART Board Questions Following Annual Report Presentation – Video Replay – Chairman McGill (For Discussion)
5. BART Safety, Reliability and Traffic Relief Program (Measure RR) Update (For Discussion)
6. Status of Bond Sale (For Discussion)
7. C-35 Track Shutdown Tour – September 28th (For Discussion)
8. Committee Member Announcements (For Discussion)
9. Requests for Future Agenda Items (For Discussion)
10. Public Comment
11. Adjournment

Please refrain from wearing scented products (perfume, cologne, after-shave, etc.) to this meeting, as there may be people in attendance susceptible to environmental illnesses.

BART provides service/accommodations upon request to persons with disabilities and individuals who are limited English proficient who wish to address Committee matters. A request must be made within one and five days in advance of Board/Committee meetings, depending on the service requested. Please contact the Office of the District Secretary at (510) 464-6083 for information.



**San Francisco Bay Area Rapid Transit District
Measure RR Program**

BART Bond Oversight Committee

DRAFT

**Tuesday, July 16, 2019
9:00 AM – 11:00 AM
Kaiser Center Tower, 22nd Floor
Conference Room 2200
300 Lakeside Drive Oakland, CA 94612**

MEETING NUMBER Term 1, Meeting 8 (Special Meeting)	MEETING DATE July 16, 2019	MEETING TIME 9:00am – 11:00 am
Attendees	Present Members Michael McGill, Chair Michael Day Marian Breitbart Catherine Newman Leah Edwards	Staff Linton Johnson Shane Edwards Tracy Johnson Chris Filippi Michaela Morales Hudson Osborne Tiffany Hudson Joseph Tanner

Agenda Item	Meeting Notes
1. Call to Order	M. McGill calls the meeting to order. L. Johnson takes roll call.
2. Introduction of Committee Members & BART Staff	Committee members introduce themselves. BART staff introduced themselves.
3. Public Comment on Item 4 Only	None.
4. Annual Report Adoption	Chairman McGill says he believes the Annual Report is “really well done.” There were no other comments from committee members. The committee moves to adopt the report and votes unanimously to adopt.

5. Public Comment on Item 6 Only	None.
6. Brown Act Communication Rules Refresher	Chairman McGill says he wants to remind the committee that hitting “reply all” can be a violation of the Brown Act. He has asked staff to bcc committee members to help prevent people from hitting reply all and violating the Brown Act. Committee decides to put full ethics training on the agenda for next meeting.
7. Adjournment	Chairman McGill adjourns the meeting.



**San Francisco Bay Area Rapid Transit District
Measure RR Program**

BART Bond Oversight Committee

DRAFT

**Friday, June 21, 2019
9:30 AM – 11:00 AM
Kaiser Center Tower, 21st Floor
Conference Room 2100
300 Lakeside Drive Oakland, CA 94612**

MEETING NUMBER	MEETING DATE	MEETING TIME
Term 1, Meeting 7	June 21, 2019	9:30am – 11:00 am
Attendees	Present Members Michael McGill, Chair John Post, Vice Chair Michael Day Marian Breitbart Daren Gee Leah Edwards Catherine Newman	Staff Grace Crunican Kerry Hamill Sylvia Lamb Scott VanDussen Rose Poblete Gia Ilole Linton Johnson Nicki Foletta Tamar Allen Tracy Johnson Lisa Hicks Rodd Lee Joseph Towner Jamal Thompson Chris Filippi Vicki Tan Maceo Wiggins

Agenda Item	Meeting Notes
1. Call to Order	M. McGill calls the meeting to order. L. Johnson takes roll call.

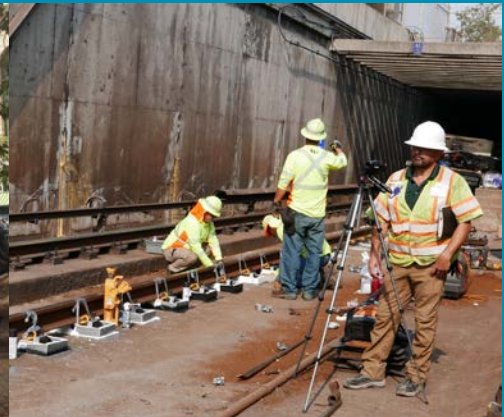
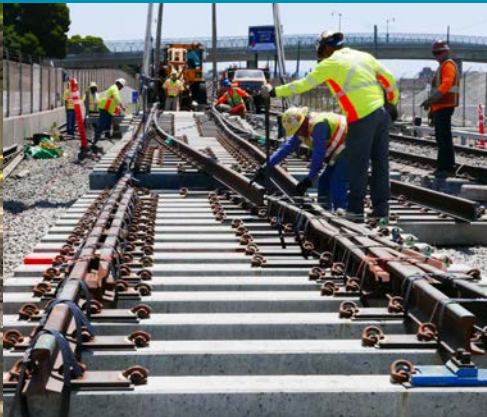
2. Introduction of Committee Members & BART Staff	Committee members introduce themselves. BART staff introduced themselves.
8. Briefing on Core Capacity	Chairman McGill moves item #8 to the top of the agenda and asks General Manager, Grace Crunican to brief the committee on the breaking news about how BART just received a federal grant of \$1.2 billion to match BART’s funding.
3. Meeting Minutes: March 15, 2019	Chairman McGill has a minor amendment to the meeting minutes. Vice Chair J. Post moves to approve the minutes as amended. D. Gee seconds the motion. Committee unanimously approves the minutes as amended.
4. Annual Group Photo	Committee takes a photo for the Annual Report.
5. Annual Report Review & Adoption	<p>K. Hamill introduces the Annual Report and Chris Filippi. C. Filippi goes thru the report in greater detail.</p> <p>After committee members questioned the \$6,000 spent by the committee (which was on the production of the 2018 Annual Report), Chairman McGill requests that staff send an email to the committee giving them a breakdown on committee expenditures so the members can explain why the committee spend the money it did.</p> <p>Vice Chairman Post requests that the Annual Report give proper kudos to staff in the report for a job well done. Chairman McGill agrees.</p> <p>M. Day wants the Annual Report to give a better context about how money is raised in tranches and that money needs to be spent over a certain amount of time before more tranches are issued. He also provides other minor edits. New members C. Newman and L. Edwards also provide feedback as does D. Gee and M. Breitbart.</p>
6. Presentation: Measure RR Update	S. Lamb gives update on the progress of projects. M. Day requests that future presentations have prior

	<p>forecasts so the members can see if there are any changes.</p> <p>M. Wiggins gives update on small business participation.</p> <p>G. Ilole gave updated on hiring.</p>
7. Briefing on Status of Bond Sales	R. Poblete updates committee on the next bond issuance. She says the District will issue tranches for both Measure RR and Measure AA together as both need additional funds. She says BART maintains its AAA rating.
10. Ethics and Parliamentary Procedures Training Scheduling	<p>Chairman McGill moves item #10 up on the agenda. Chairman McGill asks when the committee members need to do the ethic training. L. Johnson says that the entire committee needs to have the training every two years and ideally the committee, especially with its new members, should do it all at once at the next meeting so they will all be on the same schedule.</p> <p>Chairman McGill says committee members should have the ethics training at the next meeting and staff should give members handouts for parliamentary procedures, which they can take home. If they have questions and want to have a separate meeting on parliamentary procedures, then the members can request that meeting.</p>
9. Next Tour Opportunities	<p>Chairman McGill asks whether staff should do a Doodle poll on tour opportunities. T. Allen agrees and suggests that there are opportunities for the power cable project in downtown San Francisco as well as the C35 project between Walnut Creek and Orinda. Chairman McGill suggests that staff give a list of the tour opportunities.</p> <p>Vice Chair Posts requests that train control be put on the agenda for an upcoming meeting.</p>
11. Public Comment	None
12. Adjournment	Vice Chair Post moves to adjourn. M. Breitbart seconds the motion. Chairman adjourns the meeting at 10:59am.

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BART Safety, Reliability, and Traffic Relief Program (Measure RR) Update



Bond Oversight Committee
September 20, 2019



Agenda

- Work Progress Since Last Meeting
- Individual Program Milestones
- Budget and Schedule Status
- Hiring
- Small Business
- Outreach
- Next Steps



Work Progress Since Last Meeting

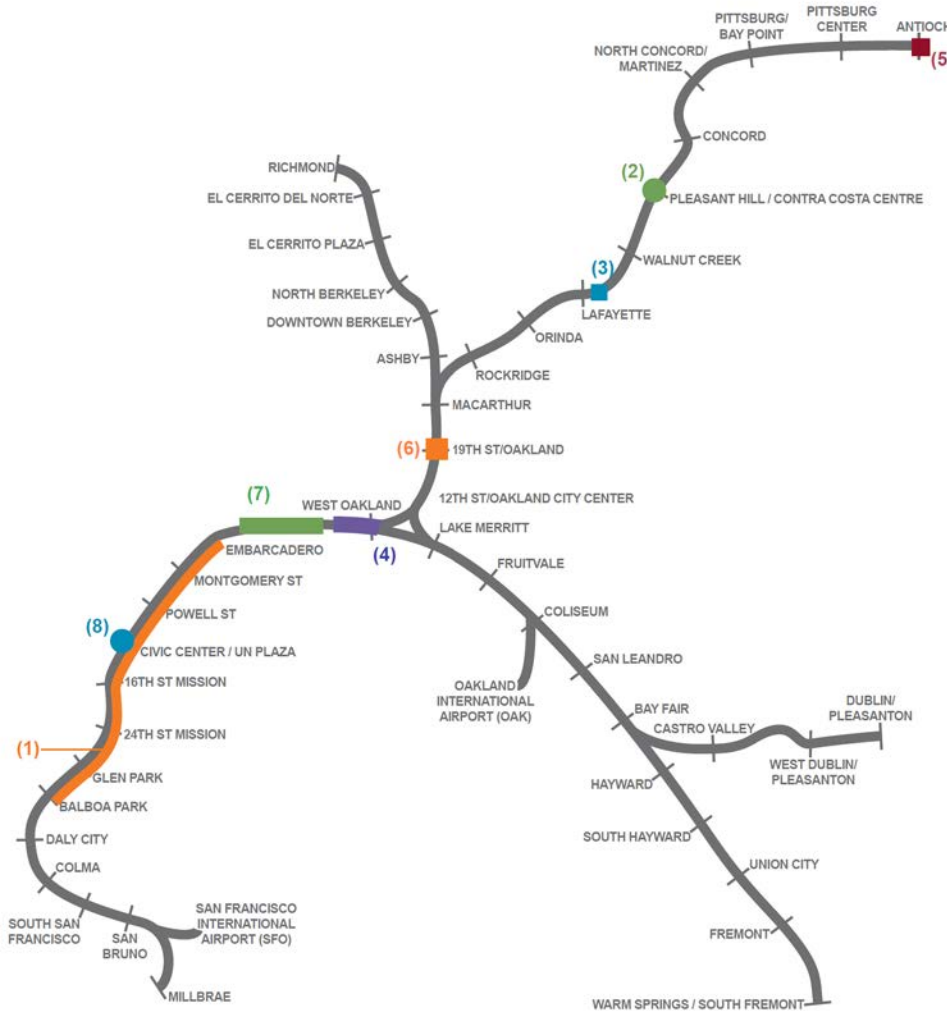


Work Progress Since Last Meeting

- C35 Track Renewal and C30 Platform Edge Repair
- Transbay Tube Tunnel Cross Passage Doors
- Issued Best and Final Offer (Communication Based Train Control)
- M-Line 34.5kV Single Tracking For Conduit Installation
- Awarded 19th Street Station Modernization
- Advertised eBART Antioch Parking Lot
- Award New Rail Transbay Crossing (Strategic Advising & Program Management)
- Award Aerial Fall Protection



Active RR Projects in June & July 2019



- (1) M-Line 34.5kV Single Tracking for Conduit Installation
- (2) Platform Edge Repair at Pleasant Hill Station
- (3) C35 Track Renewal
- (4) Award Aerial Fall Protection M line
- (5) Advertised eBART Antioch Parking Lot
- (6) Award 19th Street Station Modernization
- (7) TBT Cross Passage Doors
- (8) NTP - Civic Center Station Stairs

SYSTEMWIDE (Not Mapped)

Issued BAFO (CBTC)

Award New Rail Transbay Crossing (SA/PM)



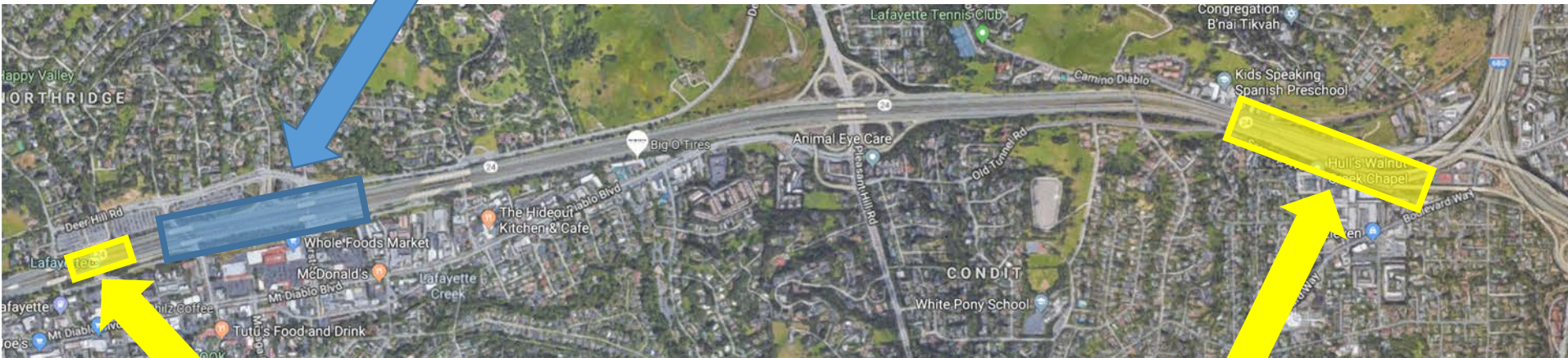
C35 – Weekend Shutdowns

Shutdown #1: Aug 17-19

Shutdown #2: Aug 31 – Sep 2 (Labor Day Weekend)

C35 Track Renewal & Interlocking Replacements

- #1: Install ~4000LF Ductbank; Replace Switch #133
- #2: Replace Switches #223 and #237



Platform Edge Replacement



- #1: Replace 350LF
- #2: Replace 700LF

Walnut Creek Tunnel Lighting

- #1/#2: Replace Fixtures

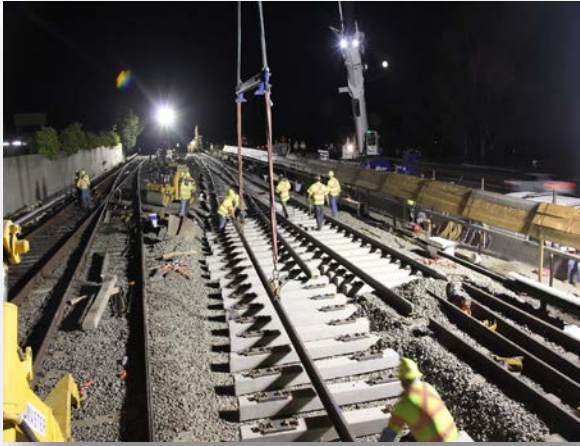
Springbrook Rd Aerial Pads

Rebuild MW#12

-  Primary Shutdown Reason
-  Piggy Back Work



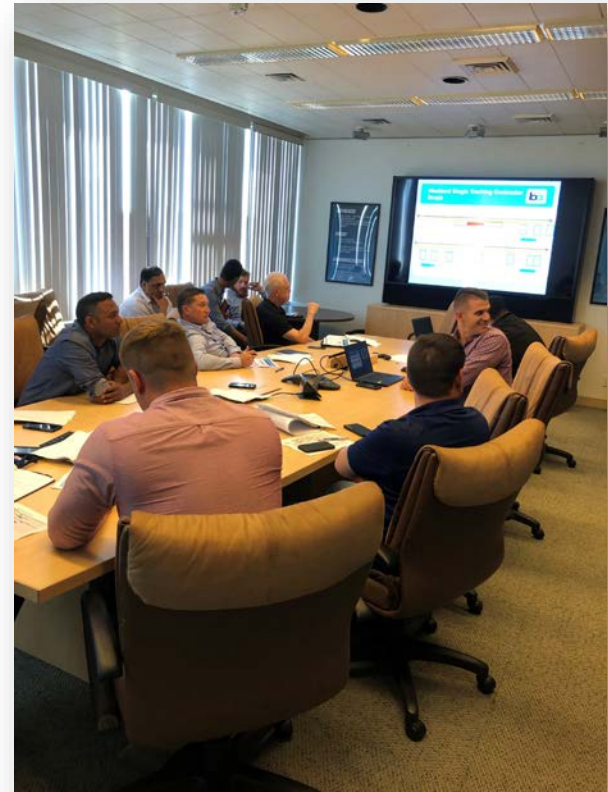
C35 Track Renewal





C35 Preparation – Risk Reduction Measures

- Tie Bundles reduced from 20 to 10 EA
- 40' & 80' rail craned in at night
- Stage excavated soil between tracks to be loaded out at night
- Demolition of track done during the day
- Concrete mixed on site instead of concrete pump truck



Tabletop weekend plan exercise



Individual Program Milestones



Renew Track

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$110.5

FORECAST Thru 6/2021: \$183

TOTAL PROGRAM VALUE: \$625

STATUS – Renew Track

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
4	3	3	8	2	20

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> Substantial completion of C55 Interlocking Replacements (near Concord) A65/75 (Between Hayward & S. Hayward) Interlock Replacement Design Board Award for Rail Re-Profiling 	<ul style="list-style-type: none"> Weekend Shutdowns for C35 (Near Lafayette) Interlocking Replacement Complete construction on C55 Interlocking Replacement Notice to Proceed (NTP) for Rail Re Profiling Services Start special track procurement for C25 (Near Orinda) Interlocking Replacement 	<ul style="list-style-type: none"> Continue work on C35 Interlocking Replacement 	<ul style="list-style-type: none"> NTP of A65 Interlocking Replacement



Renew Power STATUS & MILESTONES

EXPENDED Thru 7/2019: \$128.2
 FORECAST Thru 6/2021: \$248
 TOTAL PROGRAM VALUE: \$1,225

STATUS – Renew Power Infrastructure

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
0	9	8	9	1	27

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> • Delivery of ASL substation equipment • Start Cable System Installation for Replace M Line 34.5 kV Cable • Complete design for Station Emergency Lighting Upgrade • Complete design for Replace A and R line 34.5 kV Cable 	<ul style="list-style-type: none"> • Start design of new East Bay substations • Complete Design to Replace MXP Gap Breaker (at M85 (near Balboa Park) interlocking) • Complete design for Civic Center and Montgomery substations • Advertise Replace A line 34.5kV Cable • Advertise TPSS Replacements (Ph 1) • Advertise Station Emergency Lighting Upgrade (11 locations) 	<ul style="list-style-type: none"> • Advertise Civic Center and Montgomery Substations • Advertise Replace R line 34.5 kV Cable 	<ul style="list-style-type: none"> • Complete design for Station Fire Alarm Replacement Phase 3 • Complete design for 34.5kV Blocking Scheme Systemwide



Tunnels & Structures

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$27.7

FORECAST Thru 6/2021: \$57

TOTAL PROGRAM VALUE: \$570

STATUS – Repair Tunnels & Structures

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
1	17	1	7	0	26

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> Award Aerial Fall Protection M-Line Start Catwalk Hanger Rod Replacement pilot program Start Materials Procurement for Wayside Regulatory Signage 	<ul style="list-style-type: none"> Complete Platform Edge Rehabilitation at Lafayette station Start Construction of Catwalk Hanger Rod Replacement pilot program Complete study for Fremont Line (A Line) Seismic Operability Complete Caldecott BART Tunnel Creep Repair Design Study Board Approval for Safety Barriers and Fencing Perform condition assessment for Water Intrusion into Elevator/Escalator rooms 	<ul style="list-style-type: none"> Start Construction Aerial Fall Protection M-Line Continue construction on substation walls Continue work on Replace Cross Passage Doors 	<ul style="list-style-type: none"> Complete design for Renew Catwalks on Aerials A Line Substantial Complete on Replace Cross Passage Doors



Renew Mechanical

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$9.4

FORECAST Thru 6/2021: \$41

TOTAL PROGRAM VALUE: \$135

STATUS – Renew Mechanical

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
1	12	7	4	0	24

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> • Issue NTP for Concord Yard Fire Protection • Complete design for Concord Truing Facility • Complete design for Replace Backflow Preventers 	<ul style="list-style-type: none"> • Complete design for Replace LMA Computer Room Emergency Cooling System • Complete design for Replace Concord Yard Turntable • Complete design for Richmond Car Lifts 	<ul style="list-style-type: none"> • Ongoing work to Replace Access Ladders • Ongoing work on Coverboard Enhancement • Ongoing work on Replace Underground Utilities • Advertise Wheel Truing Facility • Issue NTP for Replace Rotoclones • Board approval of Richmond Yard Fire Services 	<ul style="list-style-type: none"> • NTP for Facilities HVAC Equipment Replacement Systemwide • NTP for Richmond Yard Fire Services



Replace Train Control

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$11.1

FORECAST Thru 6/2021: \$32

TOTAL PROGRAM VALUE: \$400

STATUS – Replace Train Control / Increase Capacity

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
0	2	1	0	0	3

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> • Prepare & Negotiation with Computer-Based Train Control Contractors • Prepare changes for Best and Final Offer • Continue Integrated Computer System Enabling work 	<ul style="list-style-type: none"> • Issued Design Build Best and Final Offer Modification #1 	<ul style="list-style-type: none"> • Notice of Award for Design Build Contract • Start owner controlled insurance program contract preparations for Design Build Contract • Issue 60% /100% Design Review Power Supply Cabinets & Switch Machine/Train Control Room Power Cable (enabling work) • Advertise Construction Management & Design Support During Construction On-Call Contract(s) 	<ul style="list-style-type: none"> • NTP Design Build Contract • Procurement Advertise Power Supply Cabinets & Switch Machine/Train Control Room Power Cable (enabling work)



Renew Stations

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$6.0

FORECAST Thru 6/2021: \$29

TOTAL PROGRAM VALUE: \$210

STATUS – Renew Stations

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
1	1	1	3	0	6

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> Union City Intermodal Station Phase 2A – Notice to Proceed 	<ul style="list-style-type: none"> Process escalator fabrication and administrative submittals 19th St Station (07EA-120) – Awarded Advertise Canopy Contract 	<ul style="list-style-type: none"> Finalize escalator submittal to allow fabrication of escalators to begin 19th St Station (07EA-120) – Notice to Proceed Award Canopy Contract 	<ul style="list-style-type: none"> Canopy Contract – Notice to Proceed Fabrication of escalators



Station Access STATUS & MILESTONES

EXPENDED Thru 7/2019: \$10.7

FORECAST Thru 6/2021: \$37

TOTAL PROGRAM VALUE: \$135

STATUS – Expand Safe Access to Stations

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
1	13	2	4	3	23

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> Embarcadero and Civic Center Bike Station Modernization – Received and Evaluated Bids eBART – Antioch Parking Lot Contract – Completed Design MacArthur Transit Improvement – Punch List Items and Initiated Close-Out for MacArthur Transit Improvement 	<ul style="list-style-type: none"> Embarcadero and Civic Center Bike Station Modernization – Awarded and Executed Contract eBART – Antioch Parking Lot Contract – Advertised Bicycle Stair Channels 12th St., 24th St., Civic Center, Coliseum, Embarcadero, Lake Merritt, Walnut Creek – Finalizing Bid Documents ADA Lighting Improvements (Substantial Completion) Warm Springs West Pedestrian Bridge – Complete Truss Bridge Erection 	<ul style="list-style-type: none"> eBART – Antioch Parking Lot Contract – Receive and Evaluate Bids Bicycle Stair Channels - Advertise Warm Springs West Pedestrian Bridge – Cable Stay Bridge Pylon Erection 	<ul style="list-style-type: none"> eBART – Antioch Parking Lot Contract – Award Bicycle Stair Channels Contract – Award



Relieve Crowding

STATUS & MILESTONES

EXPENDED Thru 7/2019: \$8.5

FORECAST Thru 6/2021: \$33

TOTAL PROGRAM VALUE: \$200

STATUS – Design / Engineer to Relieve Crowding

# Projects in Planning	# Projects in Design	# Projects in Bid/Award	# Projects in Construction	# Projects Completed	TOTAL # Projects
2	4	1	1	0	8

MILESTONES

Completed (Jun 2019 – Jul 2019)	Q1 (Aug 2019 – Sep 2019)	Q2 (Oct 2019 – Dec 2019)	Q3 (Jan 2020 – Mar 2020)
<ul style="list-style-type: none"> New Transbay Rail Crossing – Strategic Advising & Program Management - Awarded 	<ul style="list-style-type: none"> New Transbay Rail Crossing: Issue Notice to Proceed for Contract 2 Work Plan (Strategic Advising & Program Management) Hayward Maintenance Complex Phase 2: Civil/Grading 60% Design Hayward Maintenance Complex Phase 2: Complete Design for Trackwork Procurement Advertise Embarcadero New Platform Elevator Civic Center Station Scissor Stairs - Begin Site Mobilization 	<ul style="list-style-type: none"> Hayward Maintenance Complex Phase 2: Trackwork Procurement – Advertise Platform Screen Doors Pilot Project – Prepare Design-Build Package Award Embarcadero New Platform Elevator 	<ul style="list-style-type: none"> Embarcadero New Platform Elevator – Notice to Proceed



Budget and Schedule Status



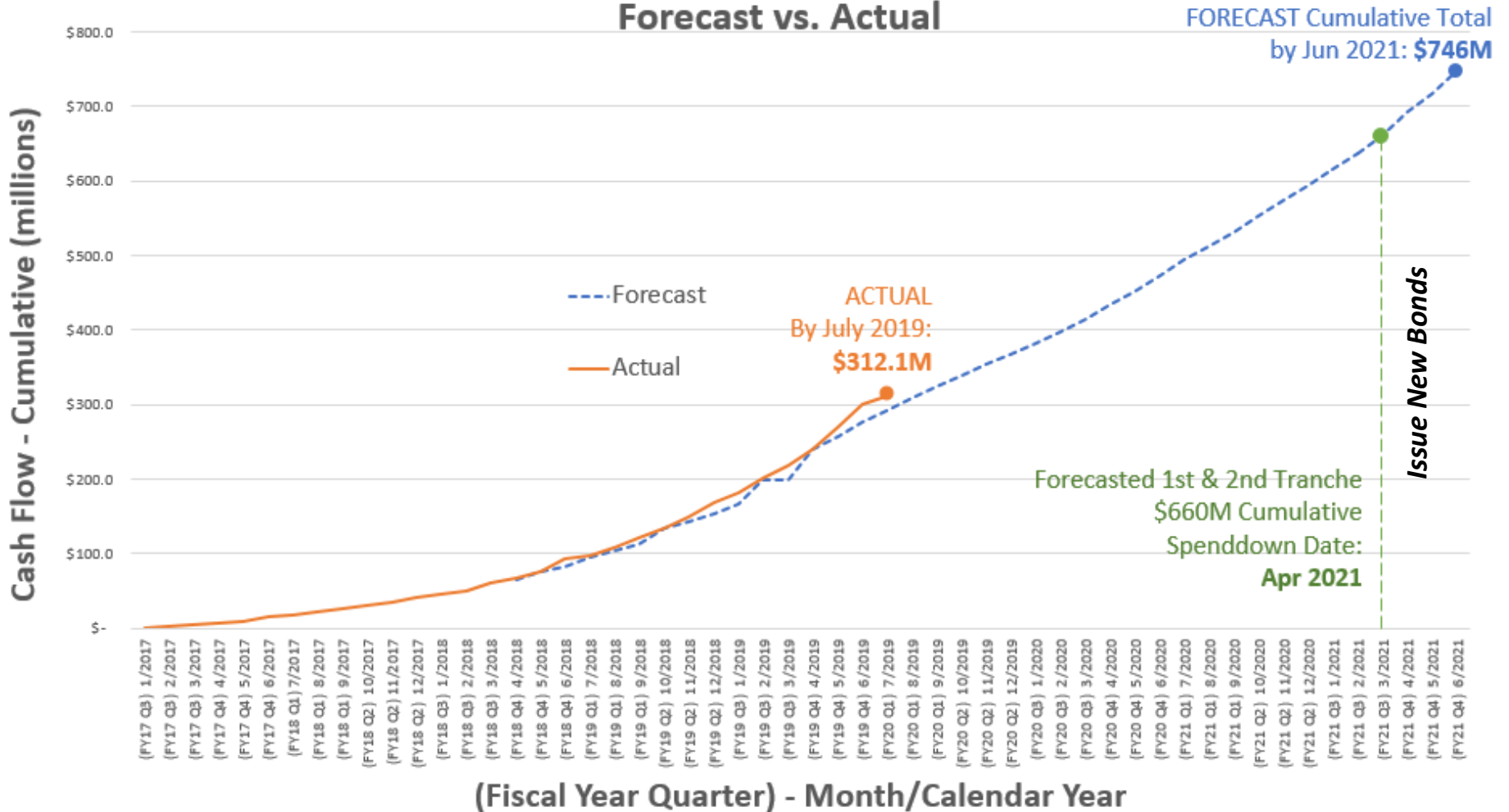
Measure RR Cashflow (\$ Millions) – Mid-Term & Long-Term Outlook

Program	Expended (thru June 2019)	Expended (thru July 2019)	% Expended out of Total Bond Investment	Forecast Expenditures		
				SHORT-TERM (thru June 2021)	MID-TERM (thru 2025)	LONG-TERM (thru End of Bond)
Renew Track	\$107.5	\$110.5	18%	\$183	\$400	\$625
Renew Power Infrastructure	\$120.8	\$128.2	10%	\$248	\$608	\$1,225
Repair Tunnels & Structures	\$26.9	\$27.7	5%	\$57	\$268	\$570
Renew Mechanical	\$9.1	\$9.4	7%	\$41	\$65	\$135
Replace Train Control/Increase Capacity	\$10.4	\$11.1	3%	\$32	\$286	\$400
Renew Stations	\$5.9	\$6.0	3%	\$29	\$148	\$210
Expand Safe Access to Stations	\$10.5	\$10.7	8%	\$37	\$86	\$135
Design/Engineer to Relieve Crowding	\$8.3	\$8.5	4%	\$33	\$69	\$200
Total	\$299.4	\$312.1	9%	\$660	\$1,930	\$3,500



RR Overall Program Budget Progress

BART Measure RR Program Spending Forecast vs. Actual



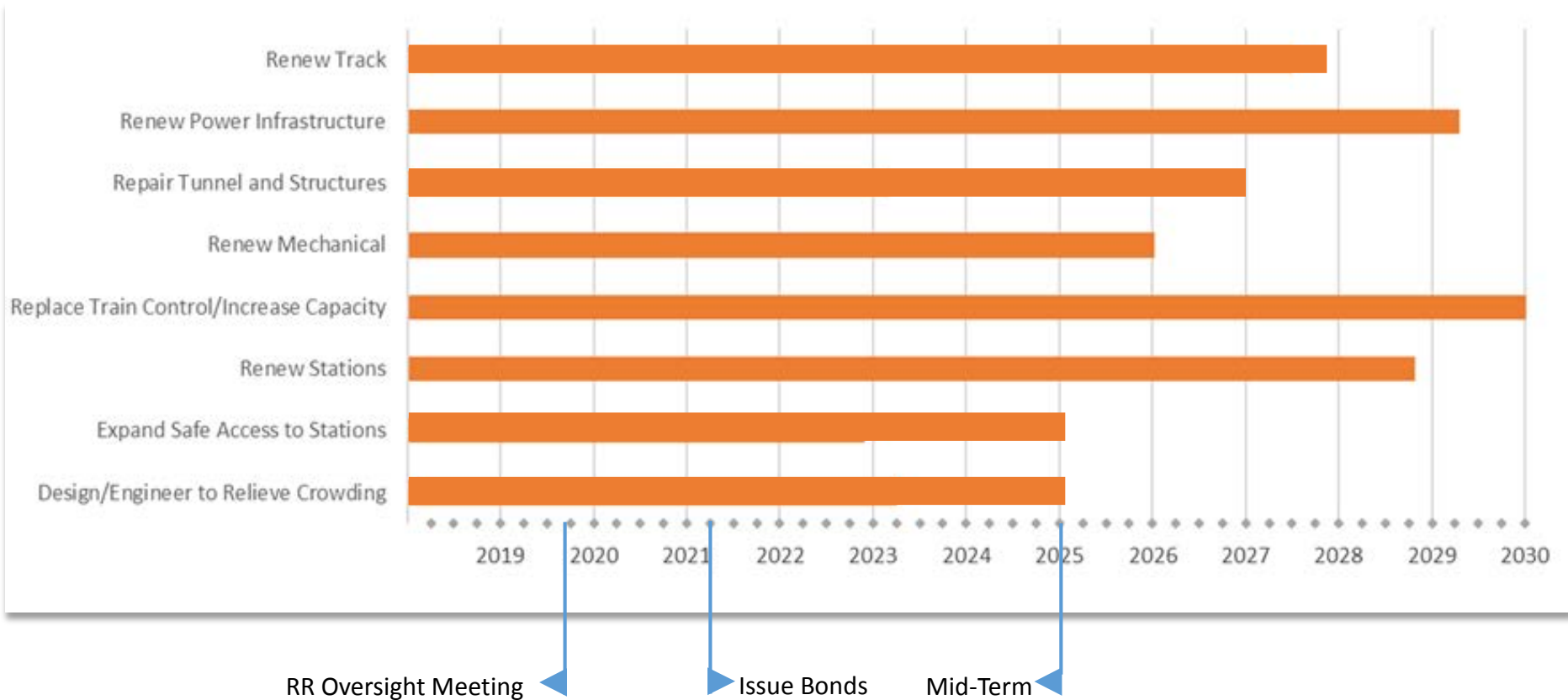


Earned Value Rollup by Program - REVISED

RR Program	Total RR Budget	Physical % Complete	Planned Value	Earned Value	RR Accrued to Date	CPI	SPI
Renew Track	\$625	23%	\$147.9	\$147.5	\$155.2	0.95	1.00
Renew Power	\$1,225	17%	\$235.0	\$211.7	\$203.8	1.04	0.90
Repair Tunnels and Structures	\$543	7%	\$41.3	\$37.4	\$33.6	1.11	0.90
Renew Mechanical	\$162	7%	\$9.4	\$10.6	\$11.5	0.93	1.13
Replace Train Control/ Increase Capacity	\$400	3%	\$16.6	\$10.2	\$12.6	0.81	0.61
Renew Stations	\$210	5%	\$10.6	\$10.0	\$8.7	1.15	0.94
Expand Safe Access to Stations	\$135	14%	\$29.9	\$18.5	\$14.9	1.24	0.62
Design/Engineer to Relieve Crowding	\$200	5%	\$13.9	\$10.2	\$8.4	1.21	0.73
Total	\$3,500				\$448.7		



Program Level Schedule Update



Future updates may include additional projects as programs mature.



Track Program Drill Down

Project	Count
Number of Projects (>25% Complete)	4
CPI <0.9 or >1.1	3
SPI <0.9 or >1.1	1
Number of Risk Register Updates Performed in Previous Period	2
Number of Projects Quality Reviews Performed in Previous Period	1

Project	Physical % Complete	CPI	SPI	Comments
Rails, Ties, Fasteners 2	95.0%	1.04	1.04	Project is in closeout phase
Track C55 Interlocking	98.8%	1.14	1.05	Ontrack to complete as planned



RR Program Hiring



RR Program Update – Hiring

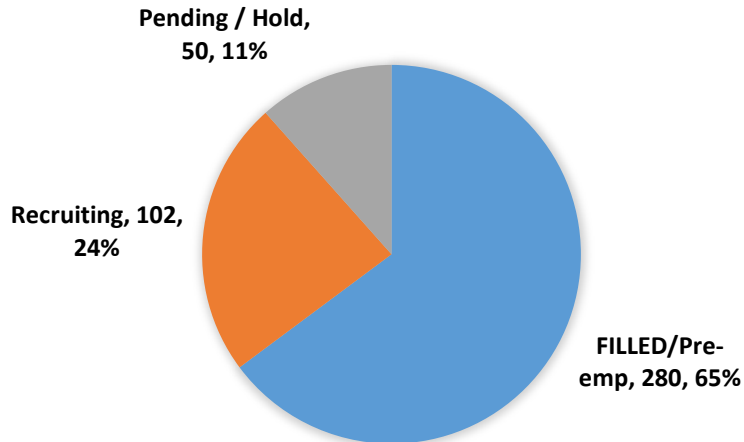
9/9/2019

Bond Progress	# of Positions
FILLED/Pre-emp	280
Recruiting	102
Pending Post / Hold	50
	432

Measure RR Hiring Update

- 132 additional headcount added for FY20
- 88 of the FY20 headcount are budgeted for upcoming quarters (not available yet to fill)
- 73% filled/selected for Active FY18-FY20 Recruitment

TOTAL BOND PROGRESS





RR Program Small Business & Outreach

9/12/2019



RR Program Update – Small Business

9/12/2019

Program	Total RR Commitment	Total RR SB Commitment	SB Commitment %	# of SB Contracts	Total RR Payments on RR Contracts	RR Payments to SBs	SB Payment %
Renew Track	\$63,232,470	\$16,294,422	26%	65	\$ 22,339,856	\$ 4,564,830	20%
Renew Power	\$160,862,717	\$80,050,451	50%	153	\$ 68,977,647	\$ 31,341,555	45%
Repair Tunnels & Structures	\$87,886,262	\$19,556,944	22%	81	\$ 35,702,446	\$ 3,826,121	11%
Renew Mechanical	\$23,264,601	\$8,541,640	37%	41	\$ 4,290,287	\$ 1,113,159	26%
Replace Train Control / Increase Capacity	\$7,419,848	\$931,511	13%	15	\$ 1,173,407	\$ 63,415	5%
Renew Stations	\$140,113,813	\$25,027,456	18%	57	\$ 5,318,066	\$ 2,264,139	43%
Expand Safe Access to Stations	\$11,118,283	\$2,638,043	24%	69	\$ 3,217,112	\$ 923,577	29%
Design/Engineer to Relieve Crowding	\$17,395,458	\$5,060,014	29%	27	\$ 4,270,183	\$ 615,435	14%
Total	\$ 511,293,451	\$158,100,481	31%	508	\$ 145,289,004	\$ 44,712,231	31%

Notes: All amounts are based on RR fund percent only. Amounts are updated to September 1, 2019. Includes formal contracts only; does not include informal purchases or work performed by BART's own forces. SB totals include DBEs, MSBEs, SBs, and LSBs. Sources: RR commitments are based on RR Requisitions report, Procurement Sealed Bids Report and PeopleSoft Work Plans application. RR% for each project is based on Financial Analysts' report, RR Funds / Total Project Budget. Payments based on PeopleSoft and B2GNow.



RR Program Update – Outreach

9/12/2019



- Recently Completed Events
 - DBE Certifications Workshop (Oakland)
 - Business Outreach Committee - Meet the Buyers (San Francisco)
 - Getting Ready for Successful Contract Delivery with BART Workshop (Oakland)
 - BART Invoice and Billing Process Workshop (Oakland)
 - Small Business and Subconsultant Pre-Construction Workshop (Oakland)



- Upcoming Events
 - Association of General Contractors - Public Works Expo (Lafayette)
 - Richmond Chamber of Commerce Annual Economic Summit (Richmond)



Next Steps

- Ongoing Development:
 - Fine-tune scope, schedule, and budget for mid-term project activities
 - Standardized RR Program Reporting
 - Earned Value Management
- Under Development
 - October 24, 2019 Board Meeting
Program Update provided to Board with Mid- & Long-Term Outlook
 - December 20, 2019 Bond Oversight Meeting

SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT

INTER-OFFICE COMMUNICATION

TO: Bond Oversight Committee

Date: September 13, 2019

FROM: Controller-Treasurer

SUBJECT: 2019 General Obligation Bonds Issuance & Pricing

On Tuesday, July 30th, BART successfully priced \$360 million of Measure RR (Election of 2016) General Obligation (GO) Bonds and \$240 million Measure AA (Election of 2004) GO Bonds in New York City.

Per District policy, District residents were given priority during the retail order period held on Monday, July 29th. Based on the dollar amount of orders, 25% were from retail investors, including over \$83 million from retail investors in the District.

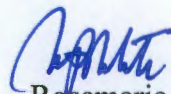
The District received Aaa/AAA credit ratings from Moody's and S&P for our General Obligation Bonds, both with stable outlook. Additionally, the District received green bond certification from the Climate Bonds Standard Board.

The underwriting syndicate for this transaction was led by Morgan Stanley and Citigroup/Siebert Cisneros Shank as Joint Senior Managers; J.P. Morgan and Stifel as Co-Senior Managers; and Backstrom McCarley Berry and Raymond James as Co-Managers.

The all-in true interest cost of the entire transaction was 2.68%, which was lower than the 3.57% achieved by the District's 2017 general obligation bond financing. The underwriting discount for both Measure RR and AA issuances totaled \$1,113,370.70 and the costs of issuance totaled \$1,293,000.00.

The transaction closed on Wednesday, August 14, 2019.

Please feel free to contact me with additional questions at 510-464-6070.


Rosemarie V. Poblete