Santa Clara Valley Transportation Authority

SAFETY, SECURITY, AND TRANSIT PLANNING AND OPERATIONS

Friday, October 20, 2017

12:00 PM

VTA Conference Room B-106

3331 North First Street

San Jose, CA

AGENDA

CALL TO ORDER

1. ROLL CALL

2. PUBLIC PRESENTATIONS:

This portion of the agenda is reserved for persons desiring to address the Committee on any matter not on the agenda. Speakers are **limited to 2 minutes**. The law does not permit Committee action or extended discussion on any item not on the agenda except under special circumstances. If Committee action is requested, the matter can be placed on a subsequent agenda. All statements that require a response will be referred to staff for reply in writing.

3. ORDERS OF THE DAY

CONSENT AGENDA

4. ACTION ITEM - Approve the Regular Meeting Minutes of August 18, 2017.

REGULAR AGENDA

5. INFORMATION ITEM -Receive a report on the phased implementation of the FY18 & FY19 "Next Network" Transit Service Plan and related efforts in 2018.

6. INFORMATION ITEM -Receive presentation on 2017 Short Range Transit Plan update

OTHER ITEMS

7. Receive a report on the September 2017 Monthly Ridership and Fare Revenue Performance. (Verbal Report)

8. Receive a report on VTA's Safety and Security Programs. (Verbal Report)

- Update on BART Law Enforcement Coordination Efforts
- Update on VTA's National Rail Safety Month Efforts

9. Items of Concern and Referral to Administration.

10. Review Committee Work Plan. (Evans)

11. Committee Staff Report. (Evans)

12. Chairperson's Report. (Chavez)

13. Determine Consent Agenda for the November 2, 2017 Board of Directors Meeting.

14. ANNOUNCEMENTS

15. ADJOURN

In accordance with the Americans with Disabilities Act (ADA) and Title VI of the Civil Rights Act of 1964, VTA will make reasonable arrangements to ensure meaningful access to its meetings for persons who have disabilities and for persons with limited English proficiency who need translation and interpretation services. Individuals requiring ADA accommodations should notify the Board Secretary's Office at least 48-hours prior to the meeting. Individuals requiring language assistance should notify the Board Secretary's Office at least 72-hours prior to the meeting. The Board Secretary may be contacted at ☎ (408) 321-5680 or ✉ board.secretary@vta.org or ☎ (408) 321-2330 (TTY only). VTA's home page is www.vta.org or visit us on www.facebook.com/scvta. ☎ (408) 321-2300: 中文 / Español / 日本語 / 한국어 / tiếng Việt / Tagalog.

Disclosure of Campaign Contributions to Board Members (Government Code Section 84308) In accordance with Government Code Section 84308, no VTA Board Member shall accept, solicit, or direct a contribution of more than $250 from any party, or his or her agent, or from any participant, or his or her agent, while a proceeding involving a license, permit, or other entitlement for use is pending before the agency. Any Board Member who has received a contribution within the preceding 12 months in an amount of more than $250 from a party or from any agent or participant shall disclose that fact on the record of the proceeding and shall not make, participate in making, or in any way attempt to use his or her official position to influence the decision. A party to a proceeding before VTA shall disclose on the record of the proceeding any contribution in an amount of more than $250 made within the preceding 12 months by the party, or his or her agent, to any Board Member. No party, or his or her agent, shall make a contribution of more than $250 to any Board Member during the proceeding and for three months following the date a final decision is rendered by the agency in the proceeding. The foregoing statements are limited in their entirety by the provisions of Section 84308 and parties are urged to consult with their own legal counsel regarding the requirements of the law.

All reports for items on the open meeting agenda are available for review in the Board Secretary's Office, 3331 North First Street, San Jose, California, (408) 321-5680, the Monday, Tuesday, and Wednesday prior to the meeting. This information is available on VTA's website at http://www.vta.org and also at the meeting.

NOTE: THE BOARD OF DIRECTORS MAY ACCEPT, REJECT OR MODIFY ANY ACTION RECOMMENDED ON THIS AGENDA.

Santa Clara Valley Transportation Authority

Safety, Security, and Transit Planning and Operations

Friday, August 18, 2017

MINUTES

CALL TO ORDER

The Regular Meeting of the Safety, Security, and Transit Planning and Operations (SSTPO) Committee was called to order at 12:04 p.m. by Chairperson Chavez in Conference Room B-106, Santa Clara Valley Transportation Authority (VTA), 3331 North First Street, San José, California.

1. ROLL CALL

Attendee Name	Title	Status
Cindy Chavez	Chairperson	Present
David Cortese	Alternate Member	Absent
Dev Davis	Alternate Member	Absent
Chappie Jones	Vice Chairperson	Present
Raul Peralez	Member	Present
Ken Yeager	Member	Present

*Alternates do not serve unless participating as a Member.

A quorum was present.

2. PUBLIC PRESENTATIONS:

Roland Lebrun, Interested Citizen, commented on Light Rail Vehicle (LRV) safety and suggested that there should be a security officer at the back of every car.

3. ORDERS OF THE DAY

There were no Orders of the Day.

CONSENT AGENDA

4. Regular Meeting Minutes of May 19, 2017

M/S/C (Yeager/Peralez) to approve the Regular Meeting minutes of May 19, 2017.

RESULT:	**APPROVED [UNANIMOUS) – Consent Agenda Items #4**
MOVER:	Ken Yeager, Member
SECONDER:	Raul Peralez, Member
AYES:	Chavez, Peralez, Yeager
NOES:	None

REGULAR AGENDA

5. Revisions to FY 18-19 Next Network Transit Service Plan

Jay Tyree, Senior Transportation Planner, provided a presentation, entitled Rapid 500 and Route 45, highlighting the following: 1) FY18-19 "Next Network" Transit Service Plan; 2) Route 45 Today; 3) Route 45 Option; 4) Approved Service in the Area; 5) Staff Analysis; 6) Rapid 500 Santa Clara; 7) Rapid 500 San Fernando; and 8) Staff Analysis.

Chairperson Chavez made the following comments: 1) requested that the public be informed about recommended changes in service; and 2) requested VTA staff along with a representative from the Veteran Emergency Housing Facility meet with Supervisor Cortese about Route 45 discontinuance.

Chairperson Chavez and Member Peralez expressed concern that the proposed route for Rapid 500 along Santa Clara Street does not cover the route serviced by Downtown Area Shuttle (DASH). Nuria I. Fernandez, General Manager and CEO, noted that VTA staff will follow up with the City of San Jose about the suggestion to work with the business community to provide a shuttle that will service the downtown area.

Vice Chairperson Jones took his seat at 12:20 p.m.

Chairperson Chavez recommended that VTA have a consistent policy when decreasing service that impacts its partner cities and capital contribution.

M/S/C (Yeager/Peralez) to recommend that the VTA Board of Directors approve the original FY18-19 "Next Network" Transit Service Plan proposals for: 1) Discontinuing Route 45 due to low ridership, and 2) Operating the Rapid 500 on Santa Clara Street. Further, the Committee directed staff to meet with Supervisor Cortese about discontinuing service of Route 45, and to report back on VTA's policy when decreasing service that would impact its partner cities and capital contribution.

RESULT:	**APPROVED [UNANIMOUS) – Regular Agenda Items #5**
MOVER:	Ken Yeager, Member
SECONDER:	Raul Peralez, Member
AYES:	Chavez, Jones, Peralez, Yeager
NOES:	None

6. Next Network Implementation

Jim Unites, Deputy Director, Transit Planning & Capital Development, provided an update on the Next Network implementation, noting that most of the implementation will coincide with opening of BART's extension to Milpitas and San Jose.

On order of Chairperson Chavez and there being no objection, the Committee received an update on the Next Network Implementation.

7. Updates on Access Paratransit, Electric Bus Procurement, and Light Rail Overhaul Program

- Access Paratransit

  Inez Evans, Chief Operating Officer, provided a brief update on Access Paratransit, highlighting the following; 1) Long term contract has been executed with MV Transportation; 2) Continued contractual partnership with the County of Santa Clara in maintaining paratransit vehicles; 3) Delay of the Client Account Cashless program; 4) Request for proposal for the eligibility services will be released on August 21, 2017; 5) Working with BART and East Bay paratransit partners to move regional connection point from Fremont to Warm Springs; 6) Construction of the Eastridge Paratransit Hub scheduled to be completed in October 2017; 7) Successful transition of Trapeze to the VTA network; and 8) Working with Trapeze to launch Pass Web Pilot Program.

  Chairperson Chavez requested the following: 1) staff work with bargaining units and VTA's external partners to inform the public about their paratransit options; and 2) staff work with partner cities and the County of Santa Clara to explore revenue opportunities in moving people needing paratransit service.

- Electric Bus Procurement

  Jim Wilhelm, Senior Mechanical Engineer for Bus, provided a presentation entitled VTA Electric Bus Procurement Update, highlighting the following: 1) Description of the electric bus; 2) Overview of mandates that coincide with VTA's objectives; 3) Described SB 535 Map of California Disadvantaged Communities; and 4) Information on Proterra. Mr. Wilhelm reported that the scheduled delivery of the electric buses is delayed from November 2017 to January 2018, noting that VTA was able to negotiate concessions for the delay.

  Committee discussion focused on the delivery of the electric buses, when they will be used for revenue service and its expected performance. Ms. Evans noted that staff is working on adhering to the density requirements for the electric buses and the assignment of its route will be based on its performance after the testing period.

  Chairperson Chavez commented it may be helpful for Board Members to tour the Proterra facility. Ms. Fernandez noted that she has a scheduled tour of Proterra and will extend the invitation to the VTA Board.

- Light Rail Overhaul Program

  David Hill, Deputy Director for Rail Operations, provided a presentation entitled Light Rail Vehicle F-PM Update, highlighting the following: 1) Preventive maintenance schedule; 2) Current fleet status; 3) Key major components rebuilt in-house; 4) Coupler overhaul scheduled to begin September 2017; and 5) Door gear and motor assembly.

  Public Comment

  Mr. Lebrun made the following comments: 1) great performance of rebuilt trucks and suspension system of light rail vehicles (LRV); 2) increasing the speed of the LRV; 3) Tesla will be announcing a new battery with more capacity and recommended staff to look into the new technology; 4) policy for disadvantaged neighborhoods; and 5) suggested bidding out maintenance of LRV.

  On order of Chairperson Chavez and there being no objection, the Committee received updates on Access Paratransit, Electric Bus Procurement, and Light Rail Overhaul Program.

OTHER ITEMS

8. July 2017 Monthly Ridership and Fare Revenue Performance

Joonie Tolosa, Operations Analysis, Reporting and Systems Manager, provided an overview of ridership and fare revenue performance for July 2017, noting that ridership continues to decline. He stated the results of the on-board survey will be released in September 2017.

Committee discussion focused on the possible causes of the ridership decline. Ms. Fernandez reiterated the on-board survey results are forthcoming. She added a survey targeting individuals currently not using transit will be conducted to obtain feedback on transportation mode they prefer to utilize.

Public Comment

Mr. Lebrun commented about the following: 1) ridership report was not in the Agenda packet; 2) Tesla's autonomous vehicle; and 3) decline of light rail ridership at the VTA Cottle station.

On order Chairperson Chavez and there being no objection, the Committee received the July 2017 Monthly Ridership and Fare Revenue Performance Report.

9. VTA's Safety and Security Programs

- **Bicycle Safety**

  Lauren Ledbetter, Senior Transportation Planner for Bicycle and Pedestrian, provided a presentation highlighting the following: 1) Safety used as a criteria for planning and programming efforts; 2) Safe Routes to Schools funding; 3) League

of American Cyclists Training; 4) Countywide Bicycle Map; and 5) San Jose Vision Zero program.

Chairperson Chavez directed staff to provide the VTA Board of Directors the criteria used in prioritizing bicycles and pedestrian projects.

On order of Chairperson Chavez and there being no objection, the Committee received VTA's Safety and Security Programs Report on Bicycle Safety.

10. Items of Concern and Referral to Administration

There were no Items of Concern and Referral to Administration.

11. Committee Work Plan

On order Chairperson Chavez and there being no objection, the Committee reviewed the Committee Work Plan.

12. Committee Staff Report

Ms. Evans noted that the Committee Staff Report was contained on the dais.

13. Chairperson's Report

There was no Chairperson's Report.

14. Determine Consent Agenda for the September 7, 2017 Board of Directors Meeting

CONSENT:

None

REGULAR:

Agenda Item #5., Recommend that the VTA Board of Directors approve the original FY18-19 "Next Network" Transit Service Plan proposals for: 1) Discontinuing Route 45 due to low ridership, and 2) Operating the Rapid 500 on Santa Clara Street

15. ANNOUNCEMENTS

There were no Announcements.

16. ADJOURNMENT

On order of Chairperson Chavez and there being no objection, the meeting was adjourned at 1:41 p.m.

Respectfully submitted,

Michael Diaresco, Board Assistant
VTA Office of the Board Secretary

Santa Clara Valley Transportation Authority

Date: October 11, 2017
Current Meeting: October 20, 2017
Board Meeting: November 2, 2017

BOARD MEMORANDUM

TO: Santa Clara Valley Transportation Authority
Safety, Security, and Transit Planning and Operations

THROUGH: General Manager, Nuria I. Fernandez

FROM: Director - Planning & Programming, Chris Augenstein

SUBJECT: Phased Implementation Plan for Next Network and Related Efforts in 2018

FOR INFORMATION ONLY

BACKGROUND:

Implementation of the approved FY18 & FY19 "Next Network" Transit Service Plan and related efforts will take place in two phases between now and mid-2018. This memorandum summarizes the details and timeline to implement the various elements, including a phased introduction of selected Next Network transit service improvements on January 1, 2018.

DISCUSSION:

Elements for Phased Implementation on January 1, 2018

Revised Fare Policy
VTA will implement a revised fare policy on January 1, 2018, with the following major changes:

- An increase in the adult base fare
- A reduction in the youth fare
- Introduction of free VTA-to-VTA transfers within a 2-hour window using Clipper only
- Continuation of the Transit Assistance Program (TAP) for low-income fare assistance
- Elimination of the Community Bus fare
- Restructuring of the EcoPass program and rebranding as VTA SmartPass

Next Network Selected Transit Service Improvements
While the full Next Network service plan will be implemented when the BART Silicon Valley Berryessa Extension opens in mid-2018, VTA will implement selected transit improvements as described below on January 1, 2018. These service improvements involve routes that would not have substantive alignment changes in the full Next Network plan (i.e. these routes will remain essentially unchanged from today, aside from service hour and frequency changes). These

improvements are all critical elements of the full plan's frequent network of services:

Light Rail 902 - Mountain View to Winchester

- Improve weekday midday frequency to every 15 minutes (currently 30)

Route 72

- Improve weekday midday frequency to every 15 minutes (currently 20)
- Improve weekday evening frequency to every 20 minutes (currently 30)
- Extend weekday service to midnight (currently 10:30 PM)
- Improve Saturday frequency to every 20 minutes (currently 30)
- Extend Saturday service to midnight (currently 9:30 PM)
- Improve Sunday frequency to every 30 minutes (currently 45)
- Extend Sunday service to 11:00 pm (currently 9:30 PM)

Route 73

- Improve weekday midday frequency to every 15 minutes (currently 20)
- Improve weekday evening frequency to every 20 minutes (currently 30)
- Extend weekday service to midnight (currently 9:30 PM)
- Improve Saturday frequency to every 20 minutes (currently 30)
- Extend Saturday service to midnight (currently 9:00 PM)
- Improve Sunday frequency to every 30 minutes (currently 45)
- Extend Sunday service to 11:00 pm (currently 8:00 PM)

Rapid 522

- Improve weekday early AM frequency to every 20 minutes (currently 30)
- Improve weekday evening frequency to every 20 minutes (currently 30)
- Extend weekday service to 11:00 PM (currently 10:00 PM)
- Improve Saturday early AM frequency to every 20 minutes (currently 30)
- Improve Saturday evening frequency to every 20 minutes (currently 30)
- Extend Saturday service to 6:00 AM (currently 8:00 AM)
- Extend Saturday service to 11:00 PM (currently 10:00 PM)
- Improve Sunday early AM frequency to every 20 minutes (currently 30)
- Improve Sunday evening frequency to every 20 minutes (currently 30)
- Extend Sunday service to 6:00 AM (currently 9:00 AM)
- Extend Sunday service to 10:00 PM (currently 6:00 PM)

Excluding the changes above, the rest of VTA's current transit network, including route names/numbers and service design, will remain unchanged until full implementation in mid-2018 (aside from minor schedule adjustments as necessary).

The service changes above will provide 6,400 additional light rail hours of service (annualized) and 36,000 additional bus hours of service (annualized) compared to current service levels. The cost for these annualized service hours is estimated at approximately $5.7 million.

Elements for Implementation with Bart Extension in Mid-2018

Next Network Full Transit Service Plan

The remaining elements of the full FY18 & FY19 Next Network Transit Service Plan will be implemented along with the introduction of the BART extension service in mid-2018. This includes the completely redesigned bus network (including route number and name changes), introduction of new Rapid services, the new light rail Orange Line and revised Green Line, and relocation of bus service from the Great Mall Transit Center to the Milpitas BART station. Additionally, bus routes will be classified under the following service hierarchy:

- Express
- Rapid
- Frequent
- Local
- Special/School/Other

The additional service changes planned for mid-2018 will provide 31,600 additional light rail hours of service (annualized) and 66,000 additional bus hours of service (annualized), compared to the January 2018 service plan. The cost for these annualized service hours is estimated at approximately $17.3 million.

Transit Information Improvements

Staff is currently working on a number of efforts that will improve the quality of transit information for riders, each designed to make the transit network easier to understand and use, all of which will be implemented along with the introduction of the BART extension service in mid-2018:

- A complete redesign of VTA's transit system map
- A complete redesign of VTA's transit time guides
- More descriptive and consistent bus and light rail vehicle headsigns
- More descriptive and consistent bus stop signage
- An improved General Transit Feed Specification (GTFS) transit schedule data feed for third-party software applications
- Rebranded light rail lines
    - Blue (Alum Rock - Santa Teresa, including express trains between Santa Teresa Station and downtown)
    - Green (Old Ironsides - Winchester)
    - Orange (Mountain View - Alum Rock)
    - Purple (Ohlone/Chynoweth - Almaden)

Other Light Rail System Changes

- Rename I-880/Milpitas Station to Alder Station
- Rename Montague Station to Milpitas Station
- Light rail station signage update to reflect new service plan

Transit Performance Monitoring Program
VTA is developing a robust program to monitor service performance and develop service improvement plans on a quarterly basis with VTA's Safety, Security, and Transit Planning & Operations Committee and Board of Directors. The quarterly reports will include:

- A systemwide and route-by-route transit performance review
- Discussion of transit service policy topics as appropriate, such as supplementary school service, Express service, transfer behaviors, transit information materials, etc.
- Detailed route evaluations of selected routes, including maps, charts, compliance with Board-adopted service guidelines, etc.
- A service improvement plan (route alignment changes, service level changes, bus stop changes, etc.) for each of the selected routes. These service improvement plans will feed directly into the development of VTA's annual transit service plan.

Implementation
Rolling out the full transit service plan in mid-2018 will require coordination among many VTA teams and functional areas. In late 2017, Transit Planning staff will convene and lead an implementation task force with representatives from various divisions. The task force will meet regularly and as necessary to achieve a successful roll-out of service. Considerations include:

- Marketing efforts
- Public outreach
- Media engagement
- Customer service and ambassador program
- Operational implementation
- Transit planning
- Scheduling
- Bus stops
- Passenger information
- BART service integration
- Security
- Paratransit
- Regional partner services
- Government affairs

In addition, implementation will require additions/relocations/deletions of many of our transit passenger facilities:

- Installation of about 200 new bus stops
- Removal of approximately 350 existing bus stops
- Improvements to the passenger boarding areas of about 50 stops
- Modification of bus stop signage at nearly all bus stops
- Modification of signage at all light rail stations

FISCAL IMPACT:

The service changes planned for January 2018 will provide 3,200 additional light rail hours of service (6,400 annualized) and 18,000 additional bus hours of service (36,000 annualized) in FY18. The additional service changes planned for mid-2018 will provide 31,600 additional light rail hours of service and 66,000 additional bus hours of service in FY19. The estimated cost of these services is $2.85 million in FY18 and $23.0 million in FY19. Appropriation for these expenditures is included in the Adopted FY18 and FY19 VTA Transit Fund Operating Budgets.

Prepared By: Jay Tyree
Memo No. 6227

CMPP Item #7
SSTPO Item #5

Next Network Implementation Update

Santa Clara Valley Transportation Authority

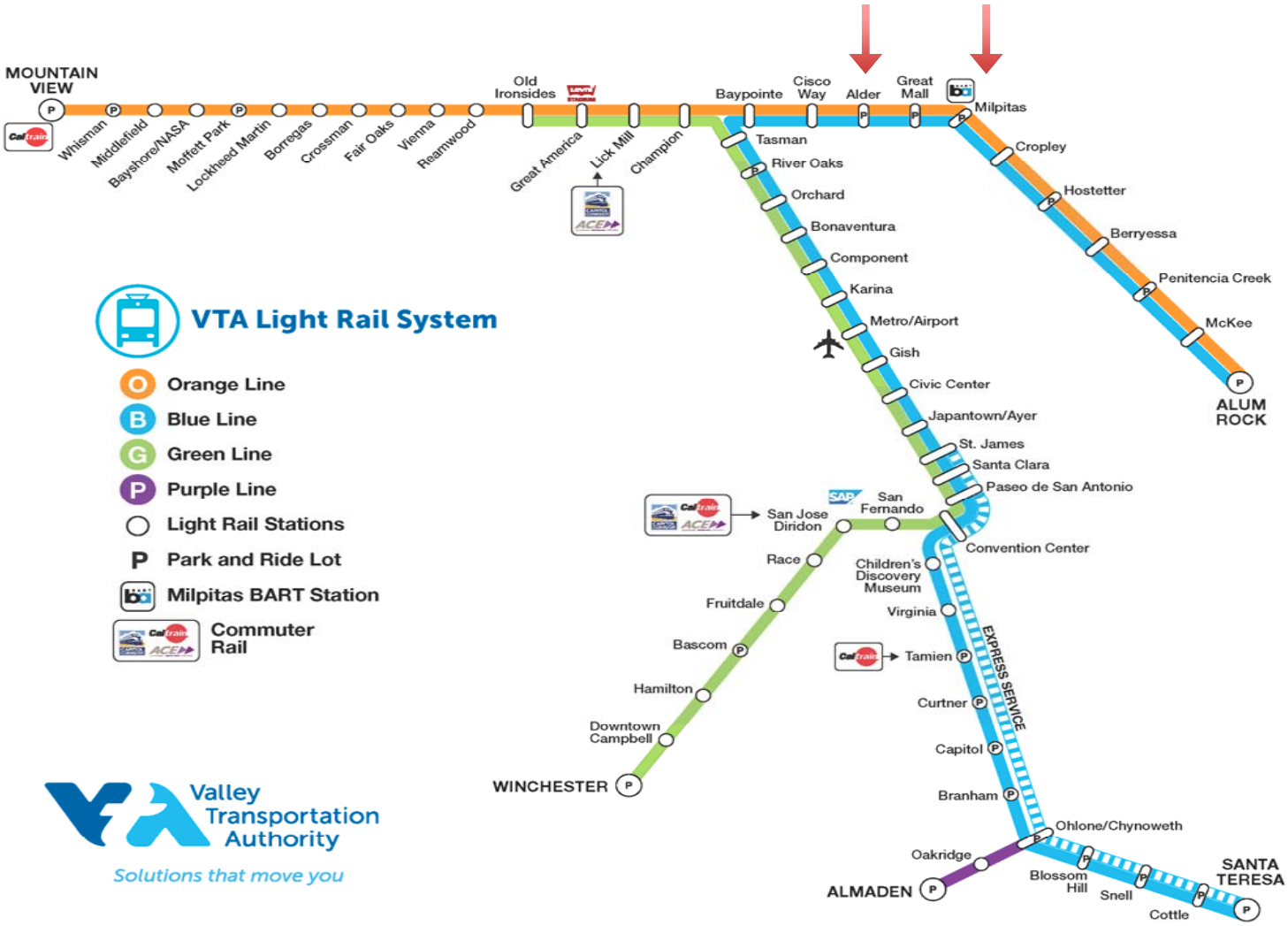
Solutions that move you

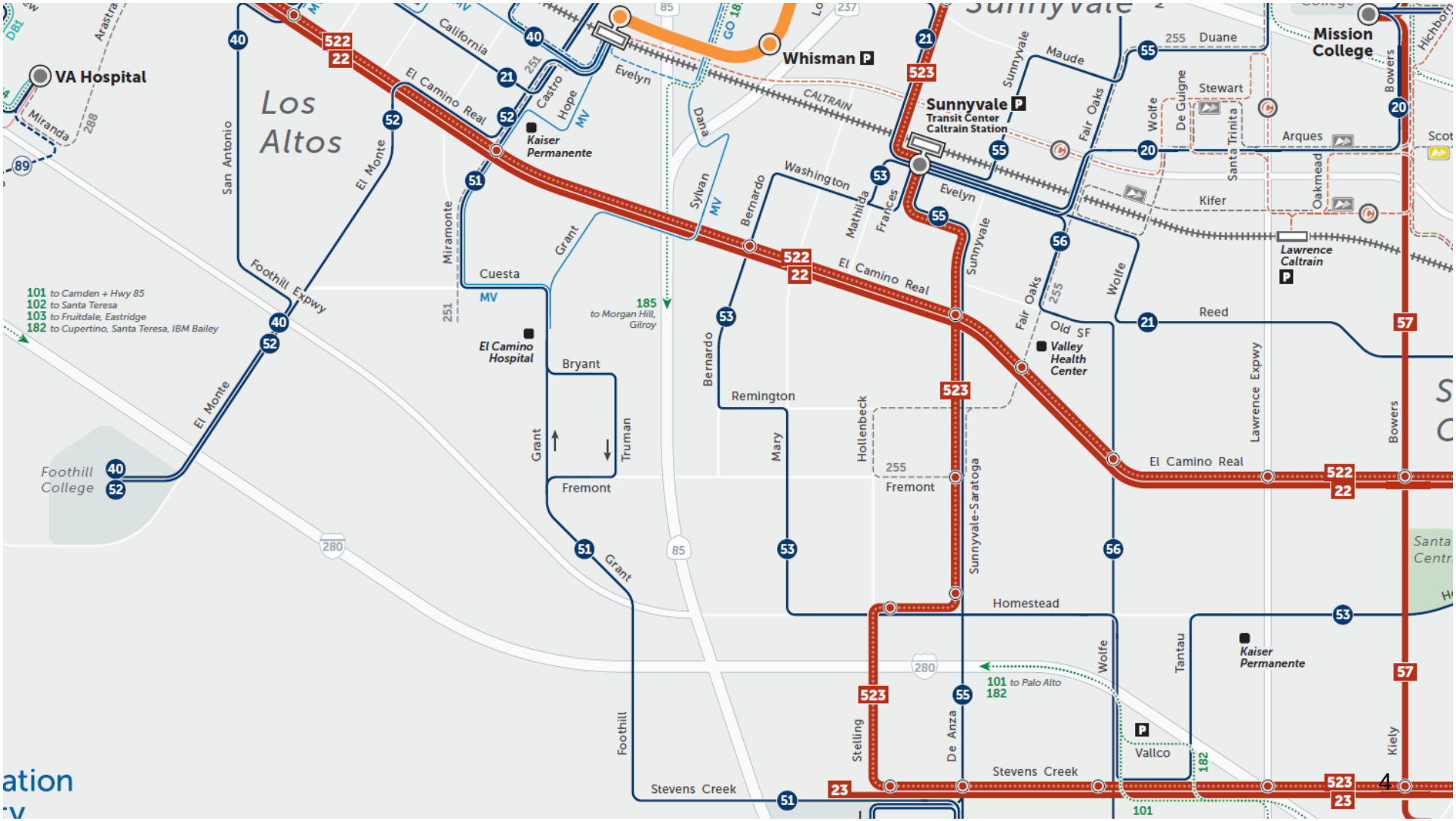
October, 2017

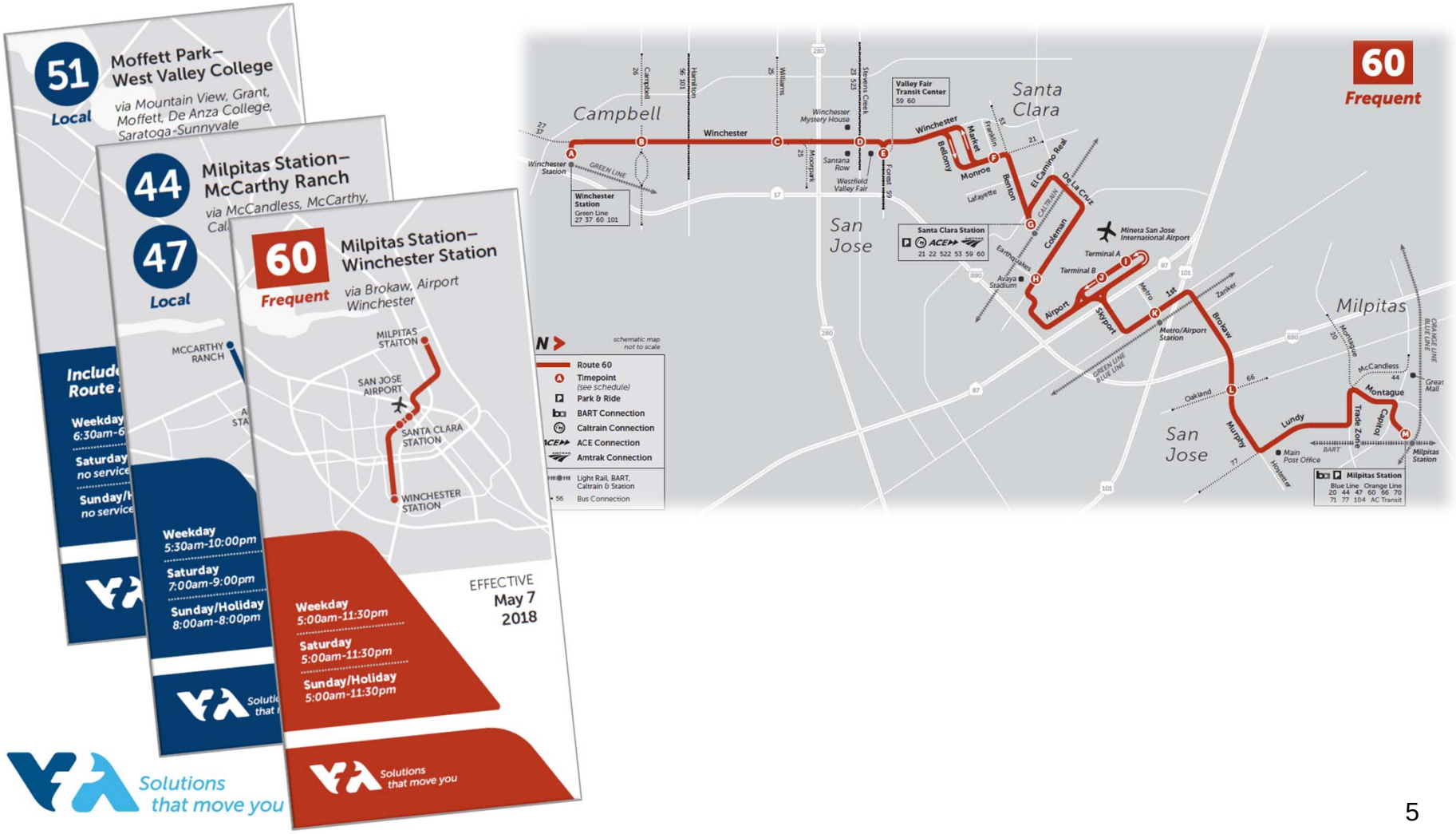
FY18 & FY19 “Next Network” Transit Service Plan

- Implementation of full plan when BART Phase 1 opens in 2018
- Staff already working on implementation:
  - New system map and time guides
  - Rebranded light rail lines by color with new station signage
  - Operator hiring
  - Light rail vehicle fleet availability
  - More descriptive bus stop signage
  - Intensive marketing effort
  - Ambassador program to assist riders
  - New *Transit Performance Monitoring Program*

Solutions that move you


VTA Light Rail System
Orange Line
Blue Line
Green Line
Purple Line
Light Rail Stations
Park and Ride Lot
Milpitas BART Station
Commuter Rail
MOUNTAIN VIEW
Whisman
Middlefield
Bayshore/NASA
Moffett Park
Lockheed Martin
Borregas
Crossman
Fair Oaks
Vienna
Reamwood
Old Ironsides
Great America
Lick Mill
Champion
Baypointe
Cisco Way
Alder
Great Mall
Milpitas
Tasman
River Oaks
Orchard
Bonaventura
Component
Karina
Metro/Airport
Gish
Civic Center
Japantown/Ayer
St. James
Santa Clara
Paseo de San Antonio
Convention Center
Cropley
Hostetter
Berryessa
Penitencia Creek
McKee
ALUM ROCK
San Jose Diridon
San Fernando
Children's Discovery Museum
Virginia
Tamien
EXPRESS SERVICE
Curtner
Capitol
Branham
Ohlone/Chynoweth
Blossom Hill
Snell
Cottle
SANTA TERESA
Oakridge
ALMADEN
Race
Fruitdale
Bascom
Hamilton
Downtown Campbell
WINCHESTER
Valley Transportation Authority
Solutions that move you


VA Hospital
Los Altos
Whisman
Sunnyvale
Transit Center
Caltrain Station
Mission College
Kaiser Permanente
El Camino Hospital
Valley Health Center
Lawrence Caltrain
Foothill College
101 to Camden + Hwy 85
102 to Santa Teresa
103 to Fruitdale, Eastridge
182 to Cupertino, Santa Teresa, IBM Bailey
185 to Morgan Hill, Gilroy
101 to Palo Alto
182
Vallco
Stevens Creek
El Camino Real
Foothill Expwy
Lawrence Expwy
Sunnyvale-Saratoga
Fremont
Homestead
Reed
Kifer
Arques
Stewart
Duane
Maude
Washington
Evelyn
Cuesta
Bryant
Remington
Grant
Truman
Foothill
Stelling
De Anza
Tantau
Kiely
Bowers
Wolfe
Fair Oaks
Sunnyvale
Mary
Hollenbeck
Mathilda
Frances
Bernardo
Sylvan
Dana
Hope
Castro
Miramonte
El Monte
San Antonio
California
Miranda
Arastra
Oakmead
Santa Trinita
De Guigne
Old SF
Santa Centr


51
Moffett Park–
West Valley College
Local
via Mountain View, Grant,
Moffett, De Anza College,
Saratoga-Sunnyvale
44
Milpitas Station–
McCarthy Ranch
47
Local
via McCandless, McCarthy,
60
Milpitas Station–
Winchester Station
Frequent
via Brokaw, Airport
Winchester
MILPITAS STAITON
SAN JOSE AIRPORT
SANTA CLARA STATION
WINCHESTER STATION
MCCARTHY RANCH
Weekday
5:30am-10:00pm
Saturday
7:00am-9:00pm
Sunday/Holiday
8:00am-8:00pm
Weekday
5:00am-11:30pm
Saturday
5:00am-11:30pm
Sunday/Holiday
5:00am-11:30pm
EFFECTIVE
May 7
2018
Solutions
that move you
Campbell
Winchester
Santa Clara
San Jose
Milpitas
Winchester Station
Green Line
27 37 60 101
Valley Fair
Transit Center
59 60
Santa Clara Station
21 22 522 53 59 60
Mineta San Jose
International Airport
Terminal A
Terminal B
Metro/Airport
Station
Milpitas Station
Blue Line Orange Line
20 44 47 60 66 70
71 77 104 AC Transit
60
Frequent
schematic map
not to scale
Route 60
Timepoint
(see schedule)
Park & Ride
BART Connection
Caltrain Connection
ACE Connection
Amtrak Connection
Light Rail, BART,
Caltrain & Station
Bus Connection

FY18 & FY19 “Next Network” Transit Service Plan

- Most plan elements involve route changes and cannot be implemented early
- Phased implementation of some improvements early, in January 2018:
  - Frequency improvements
  - Expanded hours of service
- Also new fare structure

Solutions that move you

Elements for Phased Implementation (January 2018)

902

Light Rail
Mountain View – Winchester

- ✓ **Improve weekday midday frequency to every 15 minutes**

Solutions that move you

Elements for Phased Implementation (January 2018)

Rapid 522 Palo Alto – Eastridge

- ✓ **Improve frequency in early morning and evening (every day)**
- ✓ **Extend service later in the evening (every day)**
- ✓ **Extend service earlier in the morning on weekends**

Solutions that move you

Elements for Phased Implementation (January 2018)

72

McLaughlin – Downtown San Jose

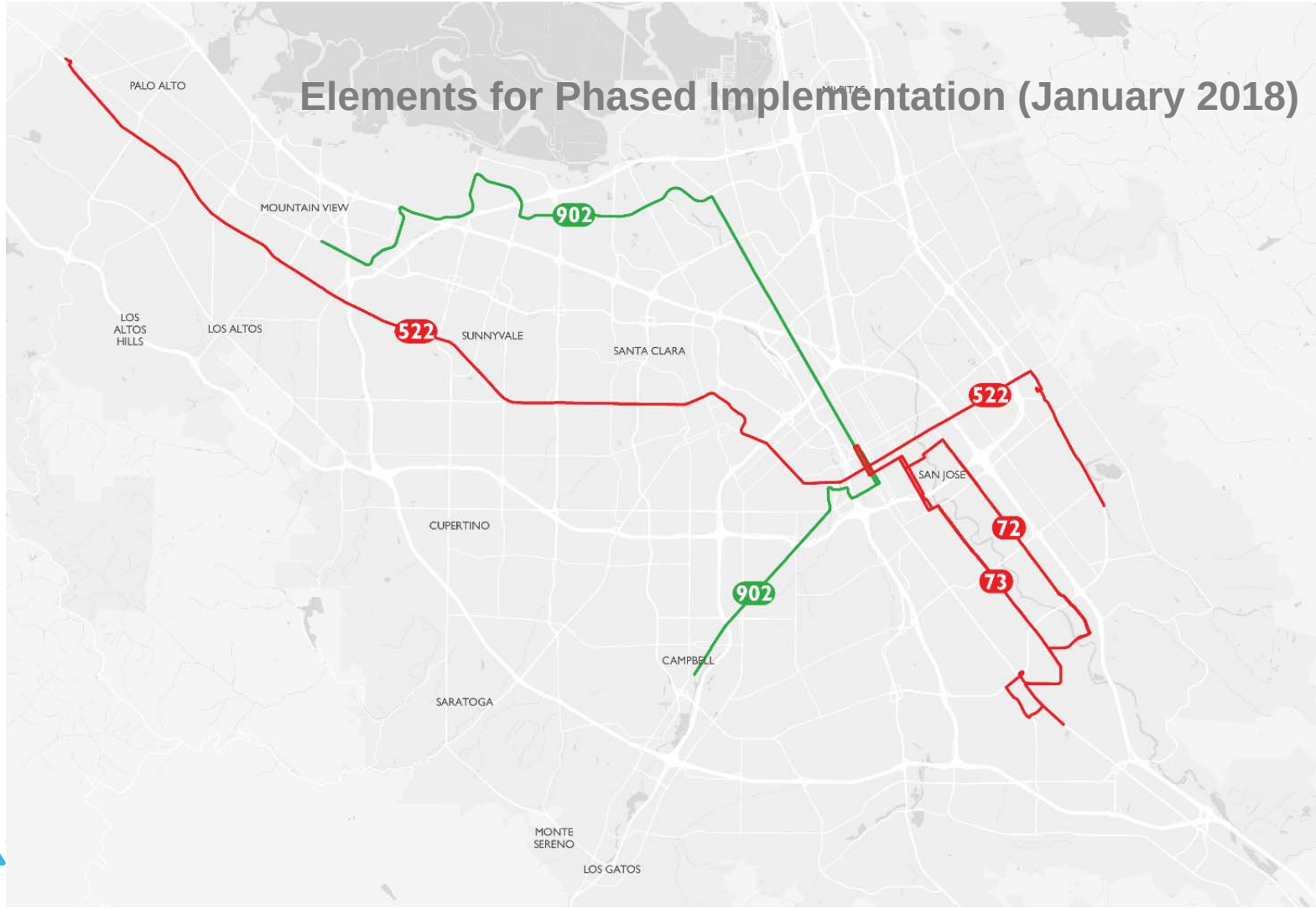
73

Senter – Downtown San Jose

- ✓ **Improve weekday midday and evening frequency**
- ✓ **Improve Saturday and Sunday frequency**
- ✓ **Extend Saturday service to midnight**
- ✓ **Extend Sunday service to 11 pm**

Solutions that move you

Elements for Phased Implementation (January 2018)



Santa Clara Valley Transportation Authority

Date: October 10, 2017
Current Meeting: October 20, 2017
Board Meeting: N/A

BOARD MEMORANDUM

TO: Santa Clara Valley Transportation Authority
Safety, Security, and Transit Planning and Operations

THROUGH: General Manager, Nuria I. Fernandez

FROM: Director - Planning & Programming, Chris Augenstein

SUBJECT: Short Range Transit Plan Update

FOR INFORMATION ONLY

BACKGROUND:

VTA prepares a Short Range Transit Plan (SRTP) to fulfill federal, state and local requirements, with the final plan being submitted to the Metropolitan Transportation Commission (MTC). The SRTP documents VTA's transit service, facilities, policies, capital and operating plans, fare policy and service evaluation strategies for the next 10 years. The purpose of the document is to demonstrate that VTA is operating proficiently and sustainably, and planning for future needs within projected revenues. The 2017 SRTP covers fiscal years 2018 through 2027. The SRTP is organized into the following chapters per the MTC requirements.

SRTP Chapters

Chapter 1 | Agency Profile

Chapter 2 | Transit Service

Chapter 3 | Revenue Fleet and Deployment

Chapter 4 | Fare Policy

Chapter 5 | VTA Facilities

Chapter 6 | Service and System Evaluation

Chapter 7 | Operating Plan and Operating Budget

Chapter 8 | Capital Improvement Plan and Projected Funding

The current SRTP covering FY2014 through FY2023 can be found at http://www.vta.org/srtp.

Staff is currently preparing the 2017 SRTP and will bring a draft to VTA's advisory and standing committees in November and to the Board of Directors in December for adoption. Prior to the release of the draft, we want to discuss the major changes with the Safety, Security and Transit

Planning and Operations Committee, and solicit input to help guide the production of the draft plan.

DISCUSSION:

The last SRTP produced by VTA was in 2013. Accordingly, the 2017 SRTP documents several notable changes to VTA's transit service since the 2013 SRTP was developed.

New approach to evaluating transit service

In 2007, VTA's Board of Directors adopted the Transit Sustainability Policy which sets thresholds for transit productivity (boardings per hour). The policy states that routes that fail to meet the productivity threshold will be subject to modification or discontinuation. In practice, this policy has not been fully applied as VTA has allowed under-performing routes to continue operation because they achieve a non-productivity-related good like serving vulnerable communities or providing access to the larger transit network.

VTA's recent transit network redesign appreciated the multiple goals of public transit and classified routes by two purposes: achieving high ridership and providing coverage. Implicit in this framework is that coverage routes (those that exist to provide access or serve particular communities) should not be evaluated against the same performance criteria as ridership-purposed routes. Accordingly, VTA is modifying its policy framework for service evaluation that will employ additional lenses for evaluating performance. This new framework will be presented to VTA's committees and Board in early 2018 and would go into effect coinciding with the implementation of the new transit network around June 2018.

New transit performance monitoring program

In accordance with comments from VTA's Board of Directors in May and June of 2017 to place a stronger emphasis on route performance and increased willingness to make changes, VTA is developing a new transit performance monitoring program that will function like a continual comprehensive operations analysis. Every quarter, staff will provide an overview of performance featuring productivity, cost and per-rider subsidy for all routes as well as a detailed analysis of up to five routes that staff feels need special attention to VTA's committees and Board of Directors. Quarterly presentations will begin following the implementation of the new transit network around June 2018.

Annual updates to the transit service plan

VTA has historically developed transit service plans in two-year increments coinciding with VTA's two-year budget. In order to be more responsive to changes in travel demand, fiscal conditions and a new commitment to more strictly evaluate and modify under-performing routes, staff will be moving to an annual update cycle.

Change in transit service hour projections

The 2013 SRTP projected annual increases in service hours operated for bus and light rail resulting in a cumulative increase of 25 percent over the plan's ten-year outlook. Given the performance of sales tax revenues since 2013, declining ridership and rising operating costs, and concerns expressed by VTA's Board of Directors in the summer of 2017 regarding the agency's operating budget, the service hour projections in the 2017 SRTP will be conservative, assuming limited increases in service hours beyond those approved in the FY18 - FY19 budget.

Additionally, the opening of the Capitol light rail extension to Eastridge is projected to occur in 2023, so this operation will also be addressed in the service hour projections.

Inclusion of Asset Management Plan

In recent years, VTA has initiated an Asset Management Program that tracks the age and condition of all VTA assets and estimates when assets will need to be replaced or maintained. VTA's Asset Management Plan is being used as an input in the development of the 10-year forecast for the Transit Capital Improvement Program that is documented in the SRTP.

Next Steps

Staff will complete the 2017 SRTP in the coming months and will release the document for review in November of 2017.

Prepared By: Adam Burger
Memo No. 6201

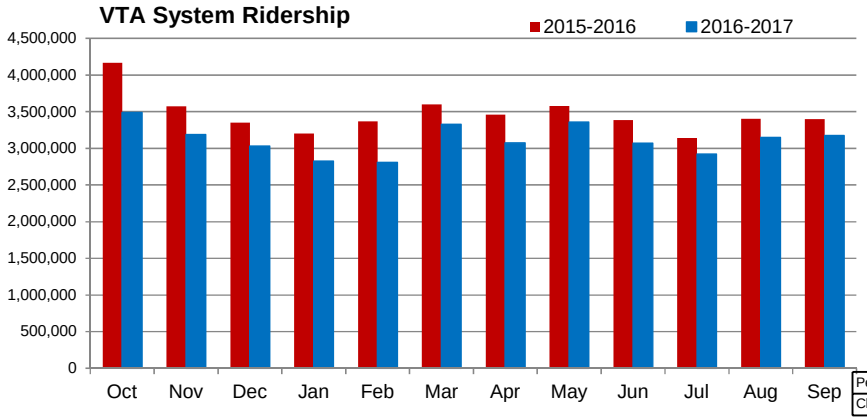
Valley Transportation Authority

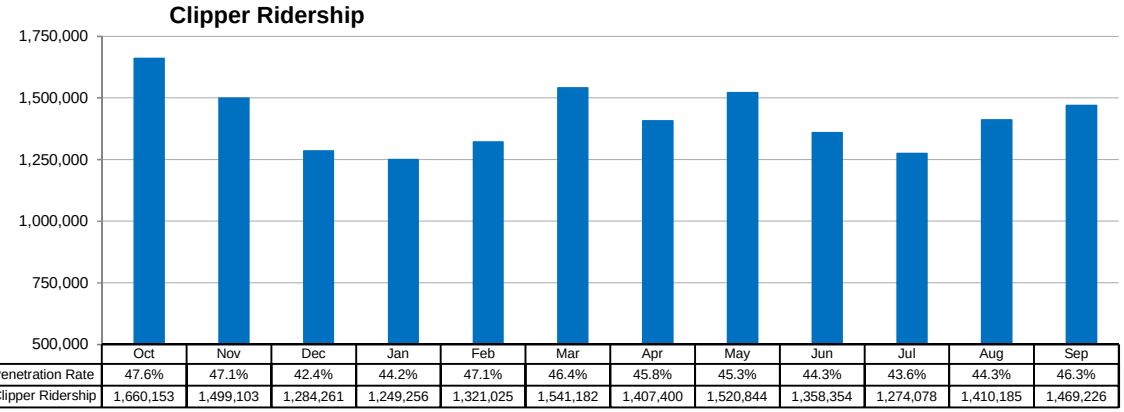
Item# 7

Ridership & Revenue Performance- September 2017

Ridership

	Monthly				Year-to-Date (calendar)				Prior month	
	September-2017	September-2016	Difference	Percent Change	Current (Jan' 17-Sep' 17)	Prior (Jan' 16-Sep' 16)	Difference	Percent Change	Aug-2017	Percent Change
Bus	2,456,495	2,570,007	-113,512	-4.4%	21,215,913	22,941,729	-1,725,816	-7.5%	2,432,025	1.0%
Light Rail	715,115	831,760	-116,645	-14.0%	6,508,703	7,600,066	-1,091,363	-14.4%	753,926	-5.1%
System	3,171,610	3,401,767	-230,157	-6.8%	27,724,616	30,541,795	-2,817,179	-9.2%	3,185,951	-0.5%





	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Penetration Rate	47.6%	47.1%	42.4%	44.2%	47.1%	46.4%	45.8%	45.3%	44.3%	43.6%	44.3%	46.3%
Clipper Ridership	1,660,153	1,499,103	1,284,261	1,249,256	1,321,025	1,541,182	1,407,400	1,520,844	1,358,354	1,274,078	1,410,185	1,469,226

Revenue

	Monthly				Year-to-Date (calendar)				Prior month	
	September-2017	September-2016	Difference	Percent Change	Current (Jan' 17-Sep' 17)	Prior (Jan' 16-Sep' 16)	Difference	Percent Change	Aug-2017	Percent Change
Fare Revenue	$2,945,942	$2,975,016	-$29,074	-1.0%	$24,812,506	$27,266,035	-$2,453,530	-9.0%	$2,877,665	2.4%
Avg. Fare per Boarding	$0.93	$0.88	$0.05	6.2%	$0.90	$0.89	$0.002	0.2%	$0.90	2.9%

Agenda Item #8

SSTPO Report

Summary of Rail Safety Month Activities

October 20, 2017

Santa Clara Valley Transportation Authority

Solutions that move you

THREE Es OF SAFETY

- Education – Increased Awareness/Safety Campaigns
- Engineering – Grade Crossing Standards/Improvements
- Enforcement – Law Enforcement Efforts

Actions Taken During Rail Safety Month September 2017

- Outreach on Social Media, VTA Blog & VTA Hub
- Rail Safety Information Brochures and Handouts for VTA Customers
- Presentation at VTA Board of Directors Meeting on VTA's Safety Culture
- Transit Patrol Efforts – Focused Enforcement – 24 Citations
- Joint outreach with Caltrain at Transit Center in Palo Alto

Solutions that move you

Safety and Security and Transportation Planning and Operations
Workplan October 2017 - March 2018

Doc ID	Origin	Short Title	SSTPO 10/20	BOD 11/2	SSTPO 11/17	BOD 12/7	SSTPO 12/15	BOD 1/4	SSTPO 1/18	BOD 2/1	SSTPO 2/15	BOD 3/1
6227	Dept - Transportation Planning / Jim Unites	Phased Implementation Plan for Next Network and Related Efforts in 2018	I	I								
6201	Dept - Transportation Planning / Jim Unites	Short Range Transit Plan Update	I									
6207	Dept - Technology & Innovation / Richard Bertalan	Closed Circuit Television on Light Rail Vehicles Contract Award			A	A						
6091	Division - Planning and Programming / Keelikolani Ho	Commuter Shuttle Program Policy			A	A						
5695	Dept - Transportation Planning / Chris Augenstein	VTA Complete Streets Policy			I							
5474	Dept - Transportation Planning / Chris Augenstein	El Camino Real Rapid Transit Policy Advisory Board Recommendations					A	A				
6053	Division - Office of Safety and Compliance / Eva Orlando	Termination of Quiet Zone between San Carlos and Bascom					I	I				

Agenda Item #11

MEMORANDUM

TO: Safety, Security and Transit Planning and Operations Committee
Santa Clara Valley Transportation Authority
Board of Directors

FROM: Inez P. Evans, Chief Operating Officer

DATE: October 20, 2017

SUBJECT: Agenda Item 11, Committee Staff Report

ATU/VTA/Joint Workforce Investment (JWI) Apprenticeship Graduation

On Wednesday, September 20, 2017, ATU, VTA, and JWI held the very first Apprenticeship graduation for Coach Operator, Service Mechanic, and Track Worker apprentices. These apprenticeship programs are certified by the Department of Apprentice Standards (DAS) and are 18 months long with a minimum of 2,000 hours. There were 77 Coach Operators, 5 Service Mechanics, and 2 Track Workers who were recognized. Along with the graduates, we also had in attendance Rob Gamble, Director, Community/ Business Engagement and Workforce Development, Mission College, Gary Knight, Apprenticeship Consultant, Department of Industrial Relations, Division of Apprenticeship Standards, State of California, and proud family and friends.

Years of Service Event

On Tuesday, October 10, 2017, VTA held a Years of Service event where employees who had 25, 30, or 35 years of service were recognized. The Operations Division is proud to have had 13 employees recognized at this event. Two employees had 25 years of service, nine had 30 years of service, and two had 35 years of service. We thank you all for your dedication and service to VTA!

Operator Classes

On October 11, 2017, 27 new Operator Trainees graduated the Bus Training class and became Bus Operators. A new Operator Trainee class began on September 25, 2017 with 30 new students. The anticipated graduation date is November 22, 2017.

In Light Rail, the third class of the year graduated four new Light Rail Operators on September 1, 2017. The next Light Rail Operator class began on October 16, 2017 with 15 students. The anticipated graduation date is December 22, 2017.

Electric Bus & Charging Stations

VTA has contracted with Proterra to provide us with five electric buses. The first prototype bus will arrive in November 2017. The electric buses are expected to arrive in early 2018. VTA is also in the process of awarding a contract for the construction of the charging stations. This item is scheduled to go to the Board of Directors in November-December, 2017.

40' Bus Procurement

The next 40' bus procurement is well underway. The procurement was for 56-40', low-floor, diesel hybrid buses. These buses will replace the remaining high floor buses left in the fleet as well as some of the other buses that have reached the end of their useful life. The first bus arrived last week. VTA will continue to receive buses through January 2018.

Light Rail Vehicle Overhaul Program

The Rail Operations team continues the process of performing major, mid-life rehabilitation and overhaul of VTA's Light Rail Vehicle fleet. As of Monday, October 16, 2017, the LRV Maintenance team has completed the major overhaul on 27 LRV's, a partial overhaul on 12 additional LRVs, and 38 LRVs are currently held in the queue for scheduled overhaul.

Access Paratransit

The Call Center, Administration, and Eligibility services have all moved into the new Eastridge Mobility Center. Perimeter fencing, gates and yard striping is in progress and will be completed this fall so vehicles and operators can move in. All respective IT communication systems are in place and running smoothly. The recently deployed on-line trip booking and cancellation feature has resulted in 30 pilot users with over amount of trips completed. VTA has also extended its contract with the County of Santa Clara to continue to provide ADA trips to various nutrition centers.

Computer Aided Dispatch-Automated Vehicle Locator (CAD/AVL) Update

The CAD/AVL project is well under way. The project team is in final design review. The physical servers, for both CAD/AVL and the Silicon Valley Regional Communications Systems (SVRCS), have been installed on-site and are going through the final configuration in preparation for Factory Acceptance Testing. In November 2017, we will begin system integration testing. The Factory Acceptance Testing will begin in mid-December, 2017.