

County Connection

2477 Arnold Industrial Way Concord, CA 94520-5326 (925) 676-7500 countyconnection.com

OPERATIONS & SCHEDULING COMMITTEE AGENDA

Thursday, October 5, 2017

8:00 a.m.

Supervisor Andersen Office
3338 Mt. Diablo Blvd, Lafayette, CA

Agenda

1. Approval of Agenda
2. Public Communication
3. Approval of Minutes of September 1, 2017*
4. Committee Chair Selection
5. Slab Replacement Project*

Staff recommendation: O&S to request that the Board of Directors allow the General Manager to enter into a contract with GEMS Environmental Management Services Inc. for the Slab Replacement Project.

6. Fixed Route Service Near Schools
7. New School Bus Service Requests*

Staff recommendation: For information only.

8. Walnut Creek Transit Village Update*

Staff recommendation: For information only.

9. Reports*
 - a. Fixed Route Monthly Report

10. Committee Comments
11. Future Agenda Items

*Enclosure

FY2017/2018 O&S Committee

Jim Diaz – Clayton, Sue Noack – Pleasant Hill, Dave Hudson – San Ramon, Robert Storer – Danville

Clayton • Concord • Contra Costa County • Danville • Lafayette • Martinez
Moraga • Orinda • Pleasant Hill • San Ramon • Walnut Creek

CENTRAL CONTRA COSTA TRANSIT AUTHORITY

12. Next Scheduled Meeting – November 3, 2017
13. Adjournment

General Information

Public Comment: Each person wishing to address the committee is requested to complete a Speakers Card for submittal to the Committee Chair before the meeting convenes or the applicable agenda item is discussed. Persons who address the Committee are also asked to furnish a copy of any written statement to the Committee Chair. Persons who wish to speak on matters set for Public Hearings will be heard when the Chair calls for comments from the public. After individuals have spoken, the Public Hearing is closed and the matter is subject to discussion and action by the Committee.

A period of thirty (30) minutes has been allocated for public comments concerning items of interest within the subject matter jurisdiction of the Committee. Each individual will be allotted three minutes, which may be extended at the discretion of the Committee Chair.

Consent Items: All matters listed under the Consent Calendar are considered by the committee to be routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a committee member or a member of the public prior to when the committee votes on the motion to adopt.

Availability of Public Records: All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available for public inspection at 2477 Arnold Industrial Way, Concord, California, at the same time that the public records are distributed or made available to the legislative body. The agenda and enclosures for this meeting are posted also on our website at www.countyconnection.com.

Accessible Public Meetings: Upon request, County Connection will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service so that it is received by County Connection at least 48 hours before the meeting convenes. Requests should be sent to the Lathina Hill, at 2477 Arnold Industrial Way, Concord, CA 94520 or hill@cccta.org.

Shuttle Service: With 24-hour notice, a County Connection LINK shuttle can be available at the BART station nearest the meeting location for individuals who want to attend the meeting. To arrange for the shuttle service, please call Katrina Lewis – 925/680 2072, no later than 24 hours prior to the start of the meeting.

Currently Scheduled Board and Committee Meetings

Board of Directors:	Thursday, October 19, 9:00 a.m., County Connection Board Room
Administration & Finance:	Wednesday, October 4, 9:00 a.m., 3338 Mt. Diablo Blvd. Lafayette, CA
Advisory Committee:	Tuesday, November 14, 2:00 p.m., County Connection Board Room
Marketing, Planning & Legislative:	Thursday, October 5, 10:00 a.m., 1676 N. California Blvd., S620, Walnut Creek
Operations & Scheduling:	Thursday, October 5, 8:00 a.m., 3338 Mt. Diablo Blvd., Lafayette, CA

The above meeting schedules are subject to change. Please check the County Connection Website (www.countyconnection.com) or contact County Connection staff at 925/676-1976 to verify date, time and location prior to attending a meeting.

This agenda is posted on County Connection's Website (www.countyconnection.com) and at the County Connection Administrative Offices, 2477 Arnold Industrial Way, Concord, California

**Summary Minutes
Operations & Scheduling Committee
Supervisor Andersen Office
3338 Mt. Diablo Blvd.
Lafayette, CA
Friday, September 1, 2017, 8:00 a.m.**

Directors: Robert Storer, Dave Hudson

Staff: Rick Ramacier, Bill Churchill, Ruby Horta, Sean Hedgpeth

Public: None

Call to Order: Meeting called to order at 8:00 a.m. by Director Storer.

- 1. Approval of Agenda Items:** Agenda was approved.
- 2. Public Comment and/or Communication:** None.
- 3. Approval of O&S Summary Minutes for August 4, 2017:** Minutes were approved.
- 4. Transloc Agreement Update**

Ms. Horta provided a verbal update on the Transloc Agreement. Staff and Transloc have finalized the details of the agreement.
- 5. Cap and Trade Update**

Ms. Horta provided an update on new Low Carbon Transit Operations Program (LCTOP) guidelines for routes serving Disadvantaged Communities (DAC). The old criteria allowed a bus route to be up to ½ mile away from a DAC, but new guidelines stipulate that the bus route travel directly through a DAC. County Connection's Route 3 in Martinez is currently funded with LCTOP funds but it is not compliant with the new criteria. Route 3 is ½ mile from the DAC.

Mr. Ramacier provided an update on Senate Bill 1 (SB1) and indicated that MTC is considering giving State Transit Assistance (STA) population-based funds directly to CMAs instead of small operators. A letter is being drafted from Bay Area small operators to ask that cap and trade money be directly granted to operators.
- 6. Sample Comprehensive Operations Analysis – Route 16**

Mr. Hedgpeth presented a detailed look into Route 16 in Martinez that included several data visualizations and charts of ridership and other operational statistics. This will be part of a larger Comprehensive Operations Analysis (COA) that will be done for all County Connection routes.

Mr. Storer asked if data driven planning was new for CCCTA. Mr. Ramacier explained that data analysis at this level of detail has not been done since the last

major service change in 2008/2009. Mr. Churchill said that our new data tools would make this COA unique, compared to the original manual fieldwork surveys that County Connection has used in the past.

7. Draft School Policy

Ms. Horta updated the committee on the draft County Connection School Policy after legal review. County Connection will only commit to meeting the first start bell time and the last end bell time.

Staff wanted to ensure that 'zero' period and after school activities would not be explicitly covered in County Connection's School Policy concerning first and last bells.

8. Reports

- a. Fixed Route Monthly Report – Staff reported on the fixed route statistics.
- b. LINK Monthly Report – Staff reported on LINK statistics.

9. Committee Comments – None.

10. Future Agenda Items – None.

11. Next Scheduled Meeting – September 29th, at 3338 Mt. Diablo Blvd., Lafayette CA.

12. Adjournment – The meeting was adjourned at 9:10 a.m.

Minutes prepared and submitted by: Sean Hedgpeth, Manager of Planning

To: Operations & Scheduling Committee

Date: 09/27/2017

From: J. Scott Mitchell, Chief Operating Officer

Reviewed by:

SUBJECT: Slab Replacement Project

Background:

The concrete slab on the north side of the maintenance building has shifted due to the constant traffic of heavy vehicles over the years. A crack in the concrete has been getting wider over the last couple of years due to the combination of this section being on a hillside and the weight of our buses driving over it continuously.

Summary of Issues:

County Connection issued an Invitation For Bids (IFB) for the "Slab Replacement Project." The Bid was advertised on County Connection's website and in the Contra Costa Times. At the bid opening on September 22, 2017, at 2:00 p.m., three (3) bids were received from interested contractors. The bids received were 1) GEMS Environmental Management Services Inc., \$165,005, 2) Reflex Engineering Inc., \$170,500, and 3) SG Engineering Inc., \$172,880.

Option 1 The O&S Committee recommend that the Board of Directors authorize the General Manager to enter into a contract with GEMS Environmental Management Services Inc. for the Slab Replacement Project. Cost not to exceed \$165,005.

Option 2 The O&S Committee reject all bids and direct staff to re-advertise the Bid.

Option 3 The O&S Committee recommends to not award a contract.

Recommendation:

Staff recommends that the O&S Committee forward the request to the Board of Directors to allow the General Manager to enter into a contract with GEMS Environmental Management Services Inc. for the Slab Replacement Project.

Financial Implications:

County Connection has an approved State of Good Repair Grant available for this project.

Federal Grant #CA-90-0250: \$135,000

Local matching funds from TDA: \$ 33,000

TOTAL FUNDS AVAILABLE FOR PROJECT: \$168,000

\$168,000 will sufficiently fund the entire Slab Replacement project.

To: Operations & Scheduling Committee

Date: 09/21/2017

From: Ruby Horta, Director of Planning & Marketing

Reviewed by:

SUBJECT: New School Bus Service Requests

Background:

Over the last several months, County Connection staff has received two petitions requesting new school bus service to Monte Vista High School in Danville and Stanley Middle School in Lafayette. Currently, each school is served by one afternoon trip. In both cases, morning service was eliminated due to low ridership.

In order to comply with Federal requirements, and ensure fiscally responsible use of limited operating funds, County Connection has a policy to address new bus service to schools. When considering this type of service request, the following factors are taken into account:

- Where service can be interlined with an existing route.
- Where access/egress and boarding locations are not a safety issue.
- Where no new drivers or vehicles are needed to do so OR
- Where the School District (or other third party) pays for additional drivers and/or vehicles needed to provide the service.

Given the nature of school service, requiring specific morning and afternoon trip times, any new service would require additional buses pulling out to complete these individual trips. These additional buses equate to significant additional operating costs. Adding trips in the middle of the day is much more efficient since the buses are already in service.

Monte Vista High School

The petition requesting additional bus service to Monte Vista High School includes two morning trips, covering both, zero and first period. The existing route, Route 623, offers one afternoon trip, in one direction, starting at Alamo Plaza in Danville and terminating at Annabel Lane in San Ramon. Monte Vista High School is located southeast of Alamo Plaza. The requested service would complete the trip in the opposite direction, starting at Annabel Lane and ending at Alamo Plaza. There is no opportunity for these trips to be interlined; therefore, the service would require two additional buses. County Connection staff calculated the annual cost at approximately \$102,000. If we only completed one trip, the cost would be cut in half to \$51,000. These are cost estimates. A more refined cost would be determined once the actual schedule is determined.

Additionally, County Connection staff would need to work with local jurisdictions to install new bus stops requested for the northbound trip.

Stanley Middle School

The community around Stanley Middle School is requesting two morning trips and two afternoon trips. The existing route, Route 626, offers two afternoon trips. One trip starts at Lafayette BART, travels along St. Mary's Rd., and ends at St. Mary's College. The other trip is completed in the opposite direction. Stanley Middle School is located south of Lafayette BART. The requested trips would imitate existing Route 626. There is no opportunity for these trips to be interlined; therefore, the service would require two additional buses. County Connection staff calculated the annual cost at approximately \$102,000. These are cost estimates. A more refined cost would be determined once the actual schedule is determined.

Summary

Although the number of trips requested in each petition is different, the cost estimate turned out to be equal. This can be explained by the length of each roundtrip from the bus yard (deadhead) and the trip length, once the bus is in service (revenue time). The service to Monte Vista High School requires deadhead twice as long as the service for Stanley Middle School. The trip time (revenue time) for Monte Vista High School is about an hour and twenty-two minutes (1:22). The revenue time for Stanley Middle School trips is less than an hour. Therefore, the buses serving Stanley Middle School are able to complete more trips in the same period of time.

Both of the requests would add to the Authority's operating expenses. Staff urges the Directors to reference Board policy and be thoughtful about approving new school bus service. Approving these requests would set a precedent for future new service petitions. There may be financial mechanisms staff could pursue to fund new school bus service. However, pursuing partnerships to cover the cost of new school bus service will take time. Without a funding source identified, whether as part of the County Connection's operating budget or via partnerships, County Connection cannot address the petitions described in this memo.

Recommendation:

For information only.

Financial Implications:

None.

To: Operations & Scheduling Committee

Date: 09/21/2017

From: Ruby Horta, Director of Planning & Marketing

Reviewed by:

SUBJECT: Walnut Creek Transit Village

Background:

Construction at Walnut Creek BART for the new Walnut Creek Transit Village (WCTV) started in September 2017. The WCTV is a new mixed-use, multipurpose development that will include a new parking garage. Prior to building the new garage, access adjustments will be made to the existing BART parking garage and the North parking lot. During this time, there will be temporary closures of access roads and entrances to the existing garage and parking lots. The construction team has provided the attached information sheet, which details the area affected in Steps 1, 2 and 3.

Initial work around the new passenger drop off area (Step 2 on the attached diagram) began on Monday, September 25th. This area will be affected for approximately 8 weeks. During this time, the bus entrance to the site will continue to be from Ygnacio Valley Road with exit onto N. California Blvd.

Recommendation:

For information only.

Financial Implications:

None.



Walnut Creek Transit Village

Walnut Creek Transit Village is a new mixed-use, multi-purpose development that will contain a 900+ stall parking garage for BART patrons plus apartments, shops, restaurants, public plazas, views of Mt. Diablo, and improved access to the BART station.



Construction of the new parking garage at BART will begin in Summer 2017 featuring:

- » 900+ parking stalls - 100 more than current capacity
- » New bus facility
- » New BART police station
- » New passenger drop-off area
- » Enhanced bike and pedestrian paths
- » Artwork by Dan Corson

After the garage is complete, construction will begin on retail and apartments. Retail will feature new eateries, enhanced pedestrian plazas, landscaping and public art. New apartments will provide housing that encourages transit use and supports carbon reduction. The project will enhance the surroundings of the BART station, providing better access and parking, improved services, and new housing opportunities.



Visit www.WCBARTparking.com for more information or call the hotline at (925)262-2030.



New Parking Garage at BART

In Summer 2017, construction will begin on a new parking garage on the South parking lot of the Walnut Creek BART station. Prior to building the new garage, access adjustments will be made to the existing BART parking garage and the North parking lot. During this time, there will be temporary closures of access roads and entrances to the existing garage and parking lots.

The project will add 100 new parking spaces over existing capacity and improve access and safety for pedestrians, cyclists and buses. There will be no loss of parking during construction. Attendant assisted parking will be used to limit impacts to the public. Construction activities will occur in the following order:

Step 1: Access Adjustments to Existing Garage

The West Entrance will be expanded.



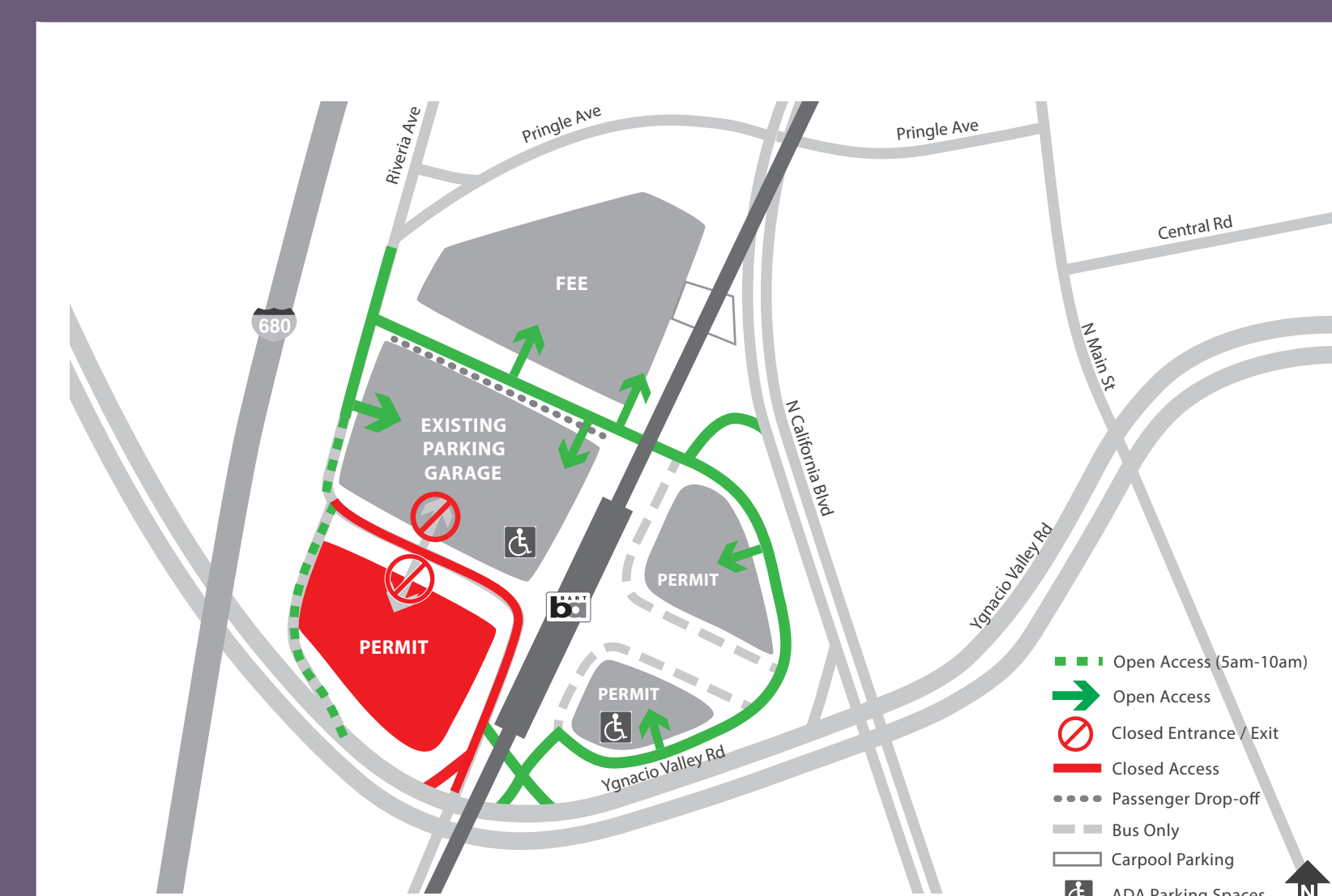
Step 2: New Passenger Drop Off

A new passenger drop off area will be constructed on the North side of the Existing Garage.



Step 3: New Garage Construction on South Lot

South Parking lot will be closed. Attended assisted parking will be provided within the existing parking garage at no additional charge.



Plan ahead by reviewing access maps and visiting the website for more information. Please take a passenger bulletin, provided below.

Visit www.WCBARTparking.com for more information or call the hotline at (925)262-2030.



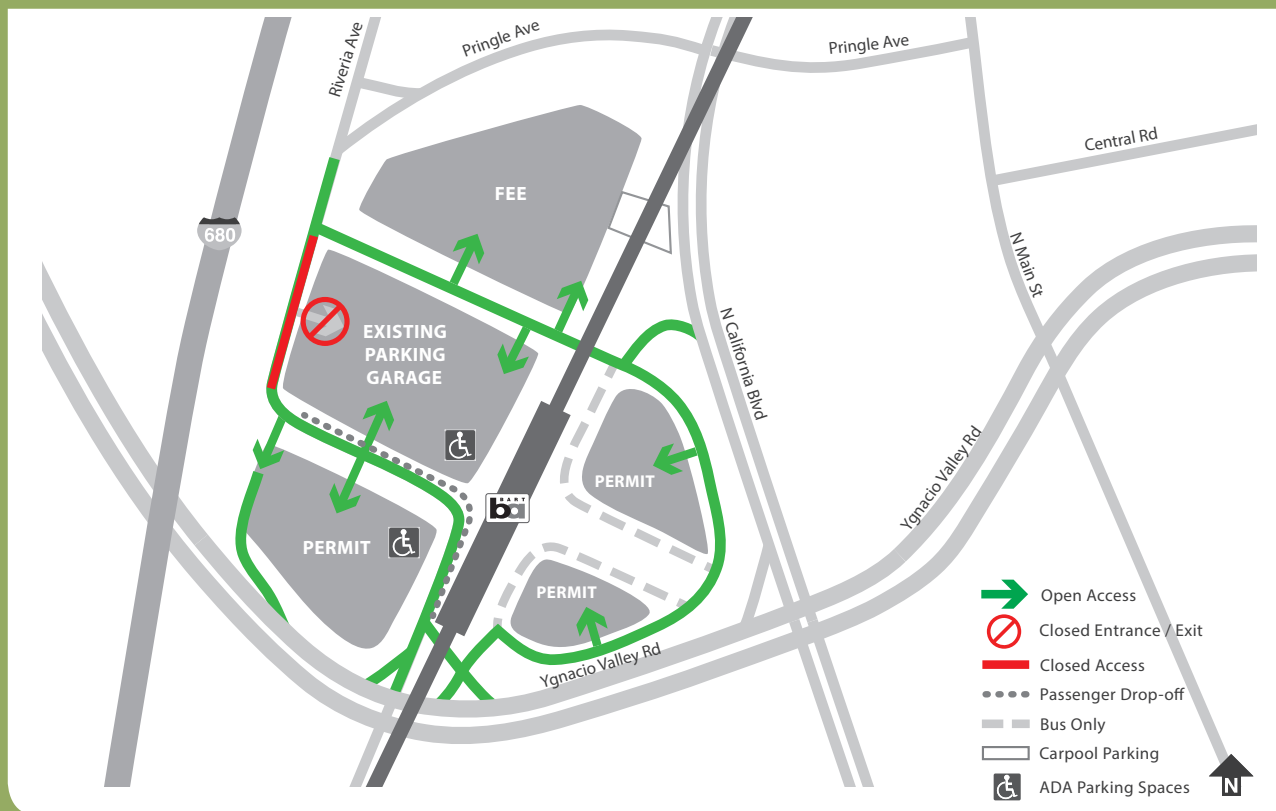
New Parking Garage at BART

In Summer 2017, construction will begin on a new parking garage on the South parking lot of the Walnut Creek BART station. Prior to building the new garage, access adjustments will be made to the existing BART parking garage and the North parking lot. During this time, there will be temporary closures of access roads and entrances to the existing garage and parking lots.

The project will add 100 new parking spaces over existing capacity and improve access and safety for pedestrians, cyclists and buses. There will be no loss of parking during construction. Attendant assisted parking will be used to limit impacts to the public. Current construction closures are as follows:

Step 1: Access Adjustments to Existing Garage

The West Entrance will be expanded.



Plan ahead by reviewing access maps and visiting the website for more information.

Visit www.WCBARTparking.com or call the hotline at (925)262-2030.



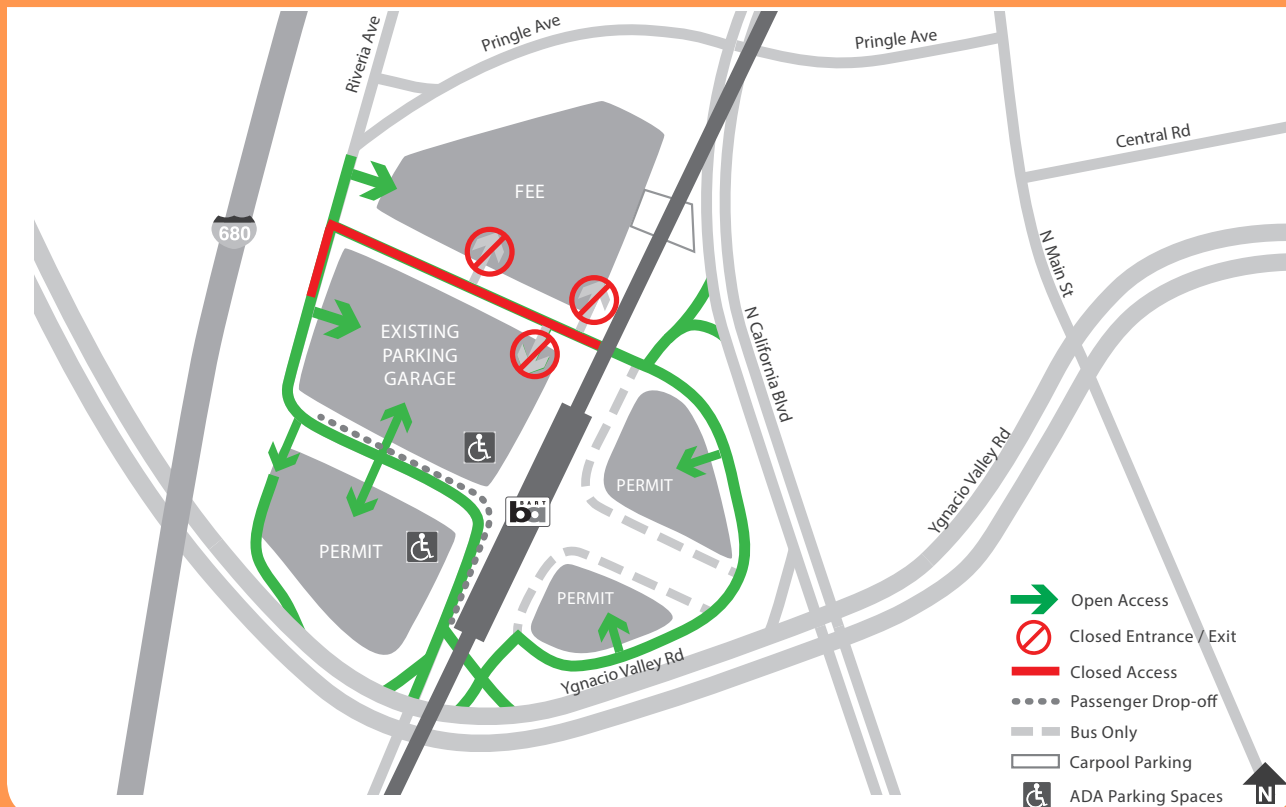
New Parking Garage at BART

In Summer 2017, construction began on a new parking garage on the South parking lot of the Walnut Creek BART station. Prior to building the new garage, access adjustments will be made to the existing BART parking garage and the North parking lot. During this time, there will be temporary closures of access roads and entrances to the existing garage and parking lots.

The project will add 100 new parking spaces over existing capacity and improve access and safety for pedestrians, cyclists and buses. There will be no loss of parking during construction. Attendant assisted parking will be used to limit impacts to the public. Current construction closures are as follows:

Step 2: New Passenger Drop Off

A new passenger drop off area will be constructed on the North side of the Existing Garage.



Plan ahead by reviewing access maps and visiting the website for more information.

Visit www.WCBARTparking.com or call the hotline at (925)262-2030.



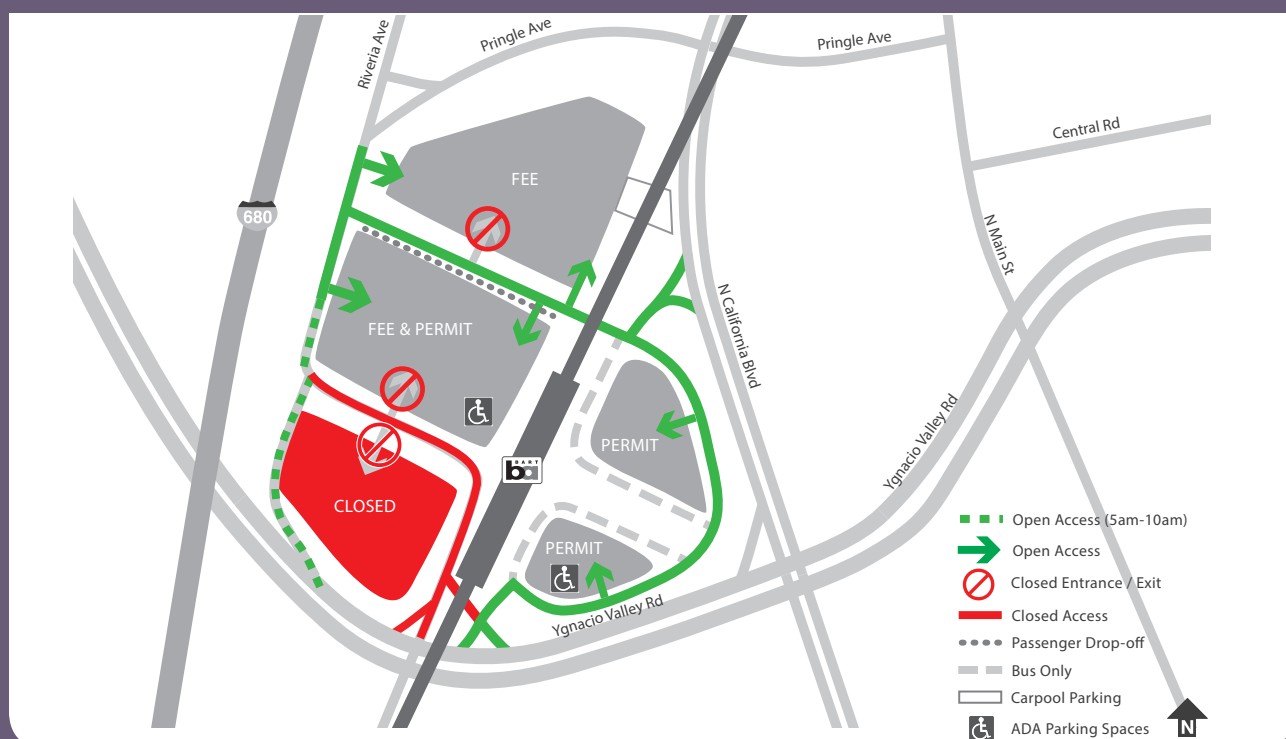
New Parking Garage at BART

Construction is in process on a new parking garage beginning on the South parking lot of the Walnut Creek BART station. During this time, there will be temporary closures of access roads and permit parking in the South parking lot will be moved into the existing garage.

The project will add 100 new parking spaces over existing capacity and improve access and safety for pedestrians, cyclists and buses. There will be no loss of parking during construction. Attendant assisted parking will be used to limit impacts to the public. Current construction closures are as follows:

Step 3: New Garage Construction on South Lot

South Parking lot will be closed. Attendant assisted parking will be provided within the existing parking garage at no additional charge.



Plan ahead by reviewing access maps and visiting the website for more information.

Visit www.WCBARTparking.com or call the hotline at (925)262-2030.

TO: O&S Committee

DATE: September 21, 2017

FROM: Ruby Horta
Director of Planning & Marketing

SUBJ: Fixed Route Reports

Fixed Route Operating Reports for August 2017

1. Monthly Boarding's Data

The following represent the numbers that are most important to staff in evaluating the performance of the fixed route system.

	FY17-18		
<u>Title</u>	<u>Current Month</u>	<u>YTD Avg</u>	<u>Annual Goal</u>
Total Passengers	307,022		
Average Weekday	12,459	11,622	
Pass/Rev Hour	15.2	14.6	Standard Goal > 17.0
Missed Trips	0.09%	0.09%	Standard Goal < 0.25%
Miles between Road Calls	35,809	34,166	Standard Goal > 18,000

* Based on current standards from updated SRTP

Analysis

Average weekday ridership was higher in August (12,459 passengers) than July (10,784 passengers) and lower than August 2016 (12,837 passengers).

Passengers per hour in August was 15.2, which is higher than 14.0 in July and slightly lower than August 2016 when passengers per hour was 15.8.

The percentage of missed trips in July was 0.09%, equal to the prior month (0.09%). The YTD average is 0.09% missed trips.

The number of miles between roadcalls was 35,809 miles in August lower than the prior month in which there were 40,816 miles between roadcalls. The 12 month average is 34,166 miles between roadcalls.

Clipper became available to the public on November 1, 2015. Of a total 307,022 passengers in August, 223,147 passengers had the potential to use a Clipper card aboard County Connection since 83,874 either used an employee sponsored program or the midday free program. About 30.5% of the 223,147 potential Clipper card users paid using Clipper during this month.

TRANSPORTATION and MAINTANCE

Operation Data Summary

TRANSPORTATION	2016 September	2016 October	2016 November	2016 December	2017 January	2017 February	2017 March	2017 April	2017 May	2017 June	2017 July	2017 Aug	12 Month TOTALS
Work Days	29	31	29	30	30	28	31	30	30	30	30	31	359
Revenue Hours	18,901	19,243	18,699	17,925	17,859	17,000	19,397	17,289	18,754	18,445	17,176	20,255	220,943
Operator Pay Hours	31,060	33,529	32,752	33,306	34,479	29,206	32,857	31,513	32,409	30,191	30,478	32,510	384,292
Number of Operators	163	159	167	167	174	171	168	167	168	168	164	163	167
Total Chargeable Collisions	1	0	5	3	1	1	2	0	3	2	2	3	23
Number of Trips Scheduled	25,216	25,724	24,984	25,185	25,405	26,298	27,401	24,380	26,298	25,638	23,720	27,005	307,254
Number of Trips Missed	40	45	59	23	34	28	46	45	57	25	22	25	449
Of Trips Scheduled - % Missed	0.16%	0.17%	0.24%	0.09%	0.13%	0.11%	0.17%	0.18%	0.22%	0.10%	0.09%	0.09%	0.15%
On Time Performance %	82%	84%	84%	85%	87%	86%	86%	88%	88%	88%	89%	89%	86%
Lifts Operative - Ave %	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total Road Calls	14	14	9	12	15	13	10	9	16	14	7	14	147
Road Calls for Mechanical	10	10	5	8	9	7	4	8	11	11	6	8	97
Fleet Average Miles between Mechanical Road Calls	27,864	28,462	55,633	34,325	31,092	37,345	74,936	33,029	26,322	24,722	40,816	35,809	34,166
No. Maint. Employees	26	26	25	26	25	25	23	23	22	24	24	26	25

Note: Some statistics may not be available (N/A) at this time. These will be brought current in future reports.

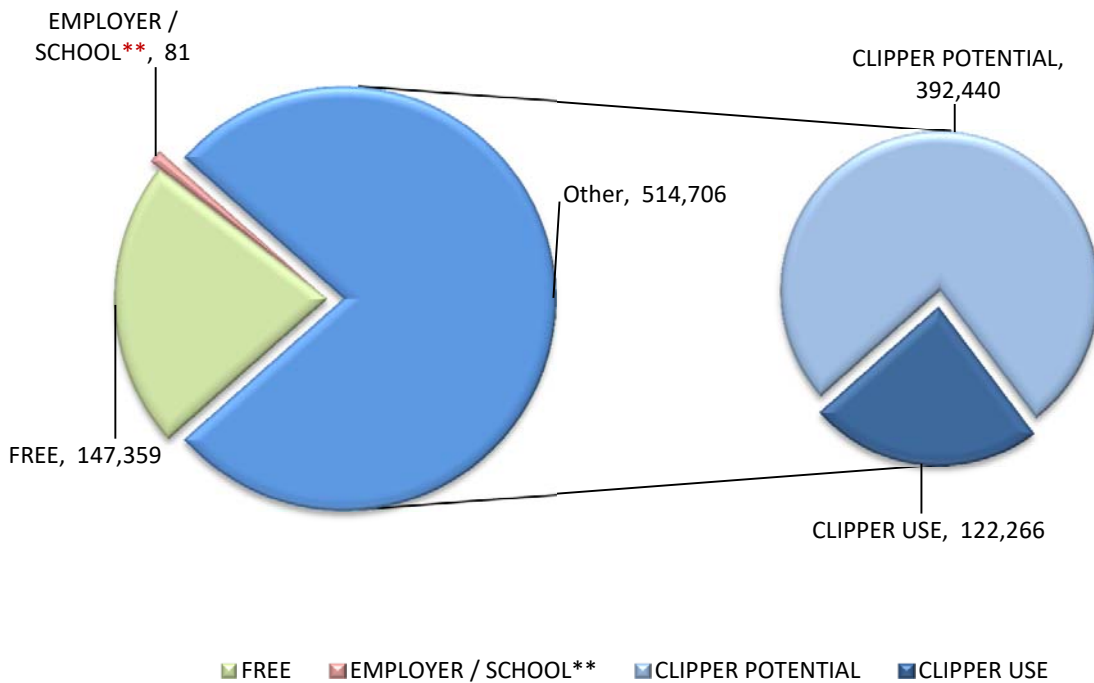
**MONTHLY BOARDINGS
Operations Data Summary**

Fixed Route Boardings		Passengers by Revenue Hrs/Miles			Service Days		Fiscal YTD Comparison Passenger Boardings	
August 2017 - Fixed Route Boardings	307,022	Revenue Hours -	August 2017	20,255	Weekdays - Aug 17	23	Fiscal 2018 YTD	546,832
			August 2016	20,082	Aug 16	23		
Special Event -		Revenue Miles -	August 2017	220,655	Saturdays - Aug 17	4	Fiscal 2017 YTD	574,882
			August 2016	218,908	Aug 16	4		
					Sundays - Aug 17	4		
					Aug 16	4		
August 2017 Total Boardings	307,022	Passengers per Mile		1.4	Total Days - 2017	31	YTD Trend	(4.9%)
August 2016 Total Boardings	317,222	Passengers per Hour		15.2	2016	31	Monthly Trend	(3.2%)

August 2017 Fixed Route Passenger Total							Average			Passengers per Revenue Hour
Route	Destination Information	Weekday	Saturday	Sunday	Total	Wkdy	Sat	Sun		
1 (IM)	Rossmoor / Shadelands	7,994	-	-	7,994	348			10.9	
2	Rudgear / Walnut Creek	345	-	-	345	15			4.2	
3	Martinez Community Shuttle	2,211	-	-	2,211	96			6.6	
4	Walnut Creek Downtown Shuttle	22,270	2,341	2,062	26,674	968	585	516	27.5	
5	Creekside / Walnut Creek	11,651	-	-	11,651	507			27.0	
6	Lafayette / Moraga / Orinda	8,879	257	395	9,530	386	64	99	11.1	
7	Shadelands / Pleasant Hill / Walnut Creek	9,155	-	-	9,155	398			18.7	
9	DVC / Walnut Creek	12,437	-	-	12,437	541			12.9	
10	Concord / Clayton Rd	24,813	-	-	24,813	1,079			22.5	
11	Treat Blvd / Oak Grove	6,939	-	-	6,939	302			15.9	
14	Monument Blvd	13,233	-	-	13,233	575			14.5	
15	Treat Boulevard	10,618	-	-	10,618	462			14.9	
16	Alhambra Ave / Monument Blvd	17,252	-	-	17,252	750			14.5	
17	Olivera/Solano / Salvio / North Concord	6,096	-	-	6,096	265			14.3	
18	Amtrak / Merello / Pleasant Hill	9,259	-	-	9,259	403			12.7	
19	Amtrak / Pacheco Blvd / Concord	3,319	-	-	3,319	144			10.5	
20	DVC / Concord	24,586	-	-	24,586	1,069			22.2	
21	Walnut Creek / San Ramon Transit Center	12,661	-	-	12,661	550			10.9	
25	Lafayette / Walnut Creek	1,236	-	-	1,236	54			5.6	
28	North Concord / Martinez	7,463	-	-	7,463	324			10.7	
35	Dougherty Valley	12,889	-	-	12,889	560			16.5	
36	San Ramon / Dublin	5,647	-	-	5,647	246			8.9	
91X	Concord Commuter Express	1,686	-	-	1,686	73			13.8	
92X	Ace Shuttle Express	4,211	-	-	4,211	183			14.4	
93X	Kirker Pass Express	3,782	-	-	3,782	164			10.5	
95X	San Ramon / Danville Express	4,141	-	-	4,141	180			17.9	
96X	Bishop Ranch Express	12,880	-	-	12,880	560			15.8	
97X	Bishop Ranch Express	2,461	-	-	2,461	107			11.0	
98X	Martinez Express	7,695	-	-	7,695	335			12.4	
250 *	Gael Rail Service	1	4	1	6				-	
260 *	Cal State East Bay / Concord Bart	140	-	-	140	7			0.8	
301	Rossmoor / John Muir Medical Center	-	258	320	578		65	80	8.2	
310	Concord Bart / Clayton Rd / Kirker Pass	-	1,784	1,511	3,294		446	378	23.9	
311	Concord / Oak Grove / Treat Blvd / WC	-	934	709	1,643		234	177	13.6	
314	Clayton Rd / Monument Blvd / PH	-	2,478	1,869	4,347		619	467	19.5	
315	Concord / Willow Pass / Landana	-	290	215	505		72	54	9.6	
316	Alhambra / Merello / Pleasant Hill	-	1,234	1,039	2,273		309	260	13.7	
320	DVC / Concord	-	755	493	1,247		189	123	12.0	
321	San Ramon / Walnut Creek	-	805	701	1,506		201	175	9.0	
Alamo Creek *	Alamo Creek / BART Walnut Creek	541	-	-	541	24			2.9	
600's	Select Service	18,078	-	-	18,078	786			24.9	
TOTALS		286,568	11,140	9,314	307,022	12,459	2,785	2,329	15.2	

* Data from LINK Operators ** Seasonal Routes

CLIPPER TREND



CLIPPER TREND*

Month	TOTAL RIDERSHIP	FREE	EMPLOYER / SCHOOL**	CLIPPER POTENTIAL	CLIPPER USE	% OF POTENTIAL
Jul-17	239,810	67,442	3,075	169,293	54,108	32.0%
Aug-17	307,022	79,917	3,958	223,147	68,158	30.5%
Sep-17	-	-	-	-	-	-
Oct-17	-	-	-	-	-	-
Nov-17	-	-	-	-	-	-
Dec-17	-	-	-	-	-	-
Jan-18	-	-	-	-	-	-
Feb-18	-	-	-	-	-	-
Mar-18	-	-	-	-	-	-
Apr-18	-	-	-	-	-	-
May-18	-	-	-	-	-	-
Jun-18	-	-	-	-	-	-
Grand Total	546,832	147,359	7,032	392,440	122,266	31.2%

*Clipper implemented 11/01/2015

** Revise in Summer months to exclude Summer Youth Pass

FREE	Free / Mid-Day Free
EMPLOYER / SCHOOL	92X-Ace Train / Airport Plaza, UFCW Trust (91X) / St Marys / JFKU / Promo (Summer Youth Pass) & CSEB (Rte 260)

Route Description Summary

Route #	Description
1 (IM)	Rossmoor Shopping Center, Tice Valley Blvd, Boulevard Wy, Oakland Blvd, Trinity Ave , BART Walnut Creek, Ygnacio Valley, Montego, John Muir Medical Center, N Wiget Ln, Shadelands Office Park (Added Svc: IM = BART Walnut Creek, Ygnacio Valley, Montego, John Muir Medical Center, Marchbanks)
2	Rudgear Rd, Stewart Ave, Trotter Wy, Dapplegray Rd, Palmer Rd, Mountain View Blvd, San Miguel Dr, N & S California Blvd, BART Walnut Creek
3	Amtrak, Marina Vista Ave, Berrelessa St, Alhambra Ave, D St, Estudillo St, Vista Way, Pine St, Center Ave, Morello Ave, Arnold Dr, Howe Rd, Terrace Way, Shell Ave, Green St, Court St.
4	BART Walnut Creek, N California Blvd, Locust St, Mt Diablo Blvd, Broadway Plaza, S Main St, Pringle Ave
4H	Walnut Creek Extended Holiday Service (November 27 thru December 31)
5	BART Walnut Creek, Rivieria Ave, Parkside Dr, N Civic Dr, N Broadway, Lincoln Ave, Mt Pisgah St, S Main St, Creekside Dr
6	BART Orinda, Orinda Village, Orinda Wy, Moraga Wy, Moraga Rd, St Marys Rd, St Mary's College, Mt Diablo Blvd, BART Lafayette
7	BART Pleasant Hill, Treat Blvd, Bancroft Rd, Ygnacio Valley Rd, Shadelands Office Park, Marchbanks, BART Walnut Creek, Riviera Ave, Buena Vista, Geary Rd
9	DVC, Contra Costa Blvd, Ellinwood Wy, JFK University, Gregory Ln, Cleaveland Rd, Boyd Rd, W Hookston Rd, Patterson Blvd, Oak Park Blvd, Coggins Dr, BART Pleasant Hill, N Main St, N California Blvd, BART Walnut Creek
10	BART Concord, Clayton Rd, Center St, Marsh Creek Rd
11	BART Concord, Port Chicago Highway, Salvio St, Mira Vista Terrace, Fry Wy, Clayton Rd, Market St, Meadow Ln, Oak Grove Rd, Treat Blvd, BART Pleasant Hill
14	BART Concord, Oak St, Laguna St, Detroit Ave, Monument Blvd, Mohr Ln, David Ave, Bancroft Rd, Treat Blvd, BART Pleasant Hill
15	BART Concord, Port Chicago Highway, Salvio St, Parkside Dr, Willow Pass Rd, Landana Dr, West St, Clayton Rd, Treat Blvd, BART Pleasant Hill, Oak Rd, N Civic Dr, Ygnacio Valley Rd, BART Walnut Creek
16	BART Concord, Oak St, Galindo St, Monument Blvd, Crescent Plaza, Cleaveland Rd, Gregory Ln, Pleasant Hill Rd, Alhambra Ave, Berrellesa St, Escobar St, Court St, Martinez Amtrak
17	BART Concord, Grant St, East St, Solano Wy, Olivera Rd, Port Chicago Highway, BART North Concord
18	BART Pleasant Hill, Oak Rd, Buskirk Ave, Crescent Plaza, Gregory Ln, Pleasant Hill Rd, Taylor Blvd, Morello Ave, Viking Dr, Contra Costa Blvd, DVC, Old Quarry Rd, Pacheco Blvd, Muir Rd, Arnold Dr, Morello, Pacheco Blvd, Martinez Amtrak
19	BART Concord, Galindo St, Concord Ave, Bisso Ln, Stanwell Dr, John Glenn Dr, Galaxy Wy, Diamond Blvd, Contra Costa Blvd, Pacheco Blvd, Martinez Amtrak
20	BART Concord, Grant St, Concord Blvd, Clayton Rd, Gateway Blvd, Willow Pass Rd, Sun Valley Blvd, Golf Club Rd, DVC
21	BART Walnut Creek, N & S California Blvd, Newell Ave, S Main St, Danville Blvd, Railroad Ave, San Ramon Valley Blvd, Danville Park & Ride, Camino Ramon, Fostoria Wy, San Ramon Transit Center
25	BART Lafayette, Mt Diablo Blvd, Highway 24, Highway 680, BART Walnut Creek
28	BART North Concord, Port Chicago Highway, Bates Ave, Commercial Cir, Pike Ln, Arnold Industrial Wy, Marsh Dr, Contra Costa Blvd, Chilpancinco Pkwy, Old Quarry Rd, DVC, Highway 680, Highway 4, Center Ave, VA Clinic, Howe Rd, Pacheco Blvd, Martinez Amtrak
35	BART Dublin, Dublin Blvd, Dougherty Rd, Bollinger Canyon Rd, E Branch Pkwy, Windemere Pkwy, Sunset Dr, Bishop Dr, Executive Pkwy, San Ramon Transit Center
36	BART Dublin, Dublin Blvd, Village Pkwy, Alcosta Blvd, Fircrest Ln, San Ramon Valley Blvd, Tareyton Ave, Bollinger Canyon Rd, Crow Canyon Rd, Executive Pkwy, San Ramon Transit Center
91X	BART Concord, Galindo St, Concord Ave, John Glenn Dr, Galaxy Wy, Chevron, Diamond Blvd, Willow Pass Rd, Gateway Blvd, Clayton Rd, Oak St
92X	Shadelands Office Park, Ygnacio Valley Rd, Highway 680, Danville Park & Ride, Crow Canyon Rd, Bishop Ranch 15, San Ramon Transit Center, Camino Ramon, ATT, Sunset Dr, Chevron, Ace Train Station Pleasanton
93X	BART Walnut Creek, Ygnacio Valley Rd, Shadelands Office Park, Oak Grove Rd, Kirker Pass Rode, Railroad Ave, Buchanan Rd, Somersville Rd, Fairview Dr, Delta Fair Blvd, Highway 4, Hillcrest Park & Ride
95X	BART Walnut Creek, Highway 680, Crow Canyon Pl, Fostoria Wy, Camino Ramon, San Ramon Transit Center
96X	BART Walnut Creek, Highway 680, Chevron, Bishop Ranch 1, Bishop Ranch 3, Bishop Ranch 6, San Ramon Transit Center, Bishop Ranch 15, Annabel Ln, Bishop Ranch 8, Bishop Dr, Sunset Dr
97X	BART Dublin, Highway 680, Highway 580, Chevron, Bishop Ranch 1, Bishop Ranch 3, Bishop Ranch 6, San Ramon Transit Center, Bishop Ranch 15, Annabel Ln, Bishop Ranch 8, Bishop Dr, Sunset Dr
98X	BART Walnut Creek, N Main St, Highway 680, Sun Valley Blvd, Contra Costa Blvd, Concord Ave, Diamond Blvd., Highway 680, Highway 4, Alhambra Ave, Berrellesa St, Escobar St, Court St, Martinez Amtrak

Route Description Summary

Route #	Description
250	St Mary's College, St Marys Rd, Moraga Rd, Mt Diablo Blvd, BART Lafayette
260	Cal State, East Bay, Concord Bart
301	Rossmoor Shopping Center, Tice Valley Blvd, Boulevard Wy, Oakland Blvd, Trinity Ave , BART Walnut Creek, Ygnacio Valley, Montego, John Muir Medical Center
310	Concord Bart, Clayton Rd, Kirker Pass
311	BART Concord, Port Chicago Highway, Salvio St, Mira Vista Terrace, Fry Wy, Clayton Rd, Market St, Meadow Ln, Oak Grove Rd, Treat Blvd, BART Pleasant Hill
314	Ayers Rd, Concord Blvd, Kirker Pass Rd, Clayton Rd, BART Concord, Oak St, Laguna St, Detroit Ave, Monument Blvd, Mohr Ln, David Ave, Crescent Plaza, Cleaveland Rd, Gregory Ln, Contra Costa Blvd, DVC
315	BART Concord, Port Chicago Highway, Salvio St, Parkside Dr, Willow Pass Rd, Landana Dr, West St, Clayton Rd
316	BART Pleasant Hill, Oak Rd, Buskirk Ave, Crescent Plaza, Gregory Ln, Contra Costa Blvd, Golf Club Rd, DVC, Old Quarry Rd, Pacheco Blvd, Muir Rd, Arnold Dr, Pacheco Blvd, Morrelo Ave, Martinez Amtrak, Berrellesa St, Alhambra Ave
320	BART Concord, Grant St, Concord Blvd, Clayton Rd, Gateway Blvd, Willow Pass Rd, Diamond Blvd, Concord Ave, Chilpancingo Pkwy, Old Quarry Rd, DVC
321	BART Walnut Creek, N & S California Blvd, Newell Ave, S Main St, Danville Blvd, Railroad Ave, San Ramon Valley Blvd, Camino Ramon, Fostoria Wy, San Ramon Transit Center- Shops at BR.
601	N Civic Dr, Parkside Dr, Riveria Ave, BART Walnut Creek, Trinity Ave, Oakland Blvd, Boulevard Wy, Tice Valley Blvd, Meadow Rd, Castle Hill Rd, Danville Blvd, Hillgrade Ave,, Crest Ave, Rossmoor Shopping Center
602	Walnut Blvd, Oro Valley Cir, Mountain View Blvd, Rudgear Rd, Stewart Ave, Trotter Wy, Dapplegray Rd, Palmer Rd, Mountain View Blvd, San Miguel Dr, N & S California Blvd, BART Walnut Creek
603	Camino Pablo, Moraga Rd, St Marys Rd, St Mary's College, Mt Diablo Blvd, BART Lafayette
605	N Civic Dr, N Broadway, Lincoln Ave, Mt Pischah St, Newell Ave, Lilac Dr, S Main St, Creekside Dr
606	BART Orinda, Orinda Wy, Miner Rd, Honey Hill Rd, Via Las Cruces, Saint Stephens Dr, Orinda Woods Dr, Moraga Wy, Ivy Dr, Moraga Rd, St Marys Rd, St Mary's College, Mt Diablo Blvd, BART Lafayette
608	VA Clinic, Center Ave, Pacheco Blvd, Contra Costa Blvd, Chilpancingo Pkwy, Old Quarry Rd, DVC
611	BART Concord, Port Chicago Highway, Salvio St, Mira Vista Terrace, Fry Wy, Clayton Rd, Market St, Meadow Ln, Oak Grove Rd, Treat Blvd, Bancroft Rd, Minert Rd
612	BART Concord, Clayton Rd, Ayers Rd, Concord Blvd, Kirker Pass Rd, Washington Blvd, Pennsylvania Blvd, Pine Hollow Rd, El Camino Dr, Michigan Blvd
613	Minert Rd, Oak Grove Rd, Monument Blvd, Detroit Ave, Laguna St, Oak St, BART Concord
614	BART Concord, Clayton Rd, Michigan Blvd, Pennsylvania Blvd, Pine Hollow Rd, El Camino Dr
615	Concord Blvd, Landana Dr., Willow Pass Rd., Parkside Dr., Salvio St., East St., clayton Rd., Oakland Ave., Mount Diablo St., BART Concord
616	Treat Blvd, Bancroft Rd, Minert Rd, Oak Grove Rd, Monument Blvd, San Miguel Rd, Galindo St, Oak St, BART Concord
619	Minert Rd, Oak Grove Rd, Monument Blvd, Mohr Ln, David Ave, Bancroft Rd, Treat Blvd, BART Pleasant Hill
622	Pine Valley Rd, Broadmoor Dr, Montevideo Dr, Alcosta Blvd, Crow Canyon Rd, Tassajara Ranch Rd, Camino Tassajara
623	Danville Blvd, Stone Valley Rd, Green Valley Rd, Diablo Rd, Hartz Ave, San Ramon Valley Blvd, Sycamore Valley Rd, Camino Tassajara, Tassajara Ranch Rd, Crow Canyon Rd, Anabel Ln
625	Rossmoor Shopping Center, Tice Valley Blvd, Olympic Blvd, Pleasant Hill Rd, Acalanes Ave, Stanley Blvd, Mt Diablo Blvd, BART Lafayette, Happy Valley Rd, Upper Happy Valley Rd, El Nido Ranch Rd, Hidden Valley Rd, Acalanes Rd
626	St Mary's College, St Marys Rd, Rohrer Dr, Moraga Rd, Mt Diablo Blvd, BART Lafayette, Happy Valley Rd, Upper Happy Valley Rd, El Nido Ranch Rd, Hidden Valley Rd, Acalanes Rd
627	BART North Concord, Port Chicago Highway, Bates Ave, Mason Cir
635	Bollinger Canyon Rd, Dougherty Rd, Crow Canyon Rd, Tassajara Ranch Rd, Camino Tassajara, Lusitano St, Charbray St
636	San Ramon Transit Center, Executive Pkwy, Crow Canyon Rd, Bollinger Canyon Rd, San Ramon Valley Blvd, Broadmoor Dr, Alcosta Blvd, Fircrest Ln, Village Pkwy, Dublin Blvd, BART Dublin
Alamo Creek Shuttle	Alamo Creek, Monterosso, Ponderosa Colony, BART Walnut Creek