

To: Advisory Committee

Date: December 20, 2016

From: Mary Burdick

Reviewed by:

SUBJECT: Bus Stop Improvement Plan – Walnut Creek

Summary of Issues:

In 2015 County Connection conducted a study of existing bus stops, benches and shelters as part of the Access and Improvement Plan. In coordination with local jurisdictions County Connection planning staff and their engineering consultant (Diablo Engineering) have worked together to perform site visits, recommend improvements, and provide cost estimates for each location.

Over the past 2 years County Connection has worked with the Cities of Martinez, Concord and Pleasant in making improvements to stops that include improving curb cuts, widening passenger loading areas, and replacing old shelters with new solar lit shelters.

The City of Walnut Creek and County Connection have applied for a grant through the Contra Costa Transportation Authority's Transportation for Livable Communities (TLC) program to improve up to twenty five stops.

Financial Implications:

The project is estimated to cost \$1,022,000. The TLC funding request is for \$852,000. County Connection will contribute \$100,000 in STP funds distributed by MTC for their Transit Performance Improvement program, and the City of Walnut Creek will contribute \$70,000.

Attachments:

- 1) Summary Sheets for each location
- 2) Example designs for shelters considered as part of the City's art program.

Attachment B

Example Bus Shelter Designs

TLC Grant—Walnut Creek Bus Stop Access and Safety Improvements





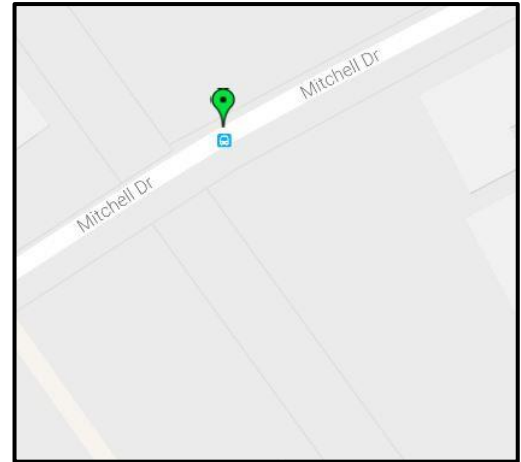
Attachment E

Summary Sheets *including cost estimates*

TLC Grant—Walnut Creek Bus Stop Access and Safety Improvements

- A. Mitchell Dr. & Park and Ride (WB)
- B. Newell Ave. & Kaiser Medical Center (EB)
- C. Mitchell Dr. & Park and Ride (EB)
- D. Montego & Tampico (WB)
- E. S. California Blvd., between Mt. Diablo Blvd. and Olympic Dr. (SB)
- F. S. Main St. & Kaiser Medical Center (SB)
- G. S. California Blvd. & Botelho Dr. (NB)
- H. N. California Blvd. & Trinity Ave. (SB)
- I. N. California Blvd. & Mt. Diablo Blvd. (NB)
- J. John Muir Medical Center (NB)
- K. N. Civic Dr. & Parkside Dr. (NB)
- L. Montego & Tampico (EB)
- M. N. California Blvd. & Lacassie Ave. (SB)
- N. Main St. & Civic Dr. (NB)
- O. Oak Grove Rd. & Peach Willow Ln. (WB)
- P. Oak Grove Rd. & Shadelands Dr. (SB)
- Q. Lennon Ln. & N. Wiget Ln. (SB)
- R. S. California Blvd. & Newell Ave. (NB)
- S. Creekside Dr. & Creekside Oaks (NB)
- T. Treat Blvd. & Candelero Dr. (WB)
- U. S. Main St. & Creekside Dr. (NB)
- V. Ygnacio Valley Rd. & Bancroft Rd. (WB)
- Shelter Removals (throughout)
- Benches & Receptacles (throughout)
- Creekside Drive Improvements (Creekside Drive)

A Mitchell Drive & Park and Ride (WB)



- Routes served: #92X and 93X
- Within the Shadelands Business Park; located near a Park & Ride lot
- Total Annual Boarding: 8,727 (2015)

Existing Conditions

- A covered shelter currently exists on site. In addition there is a bench with three seats, signage pole and a concrete pad. No trash/recycling facilities. The stop/shelter is located within the Shadelands Business Park.



Proposed Improvements

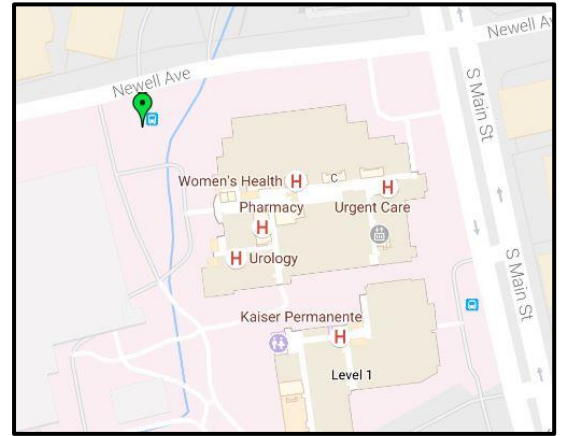
- Install new bus shelter at the same location; remove existing shelter.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove existing shelter	1	\$1,000	\$1,000
<i>SUBTOTAL</i>			<i>\$23,500</i>
Contingency		15%	\$3,525
<i>TOTAL BUDGET</i>			<i>\$27,025</i>

B Newell Avenue & Kaiser Medical Center (EB)

- Routes served: #5 and #21
- Directly adjacent to a regional medical hospital—Kaiser
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 4,877 (2015)



Existing Conditions

- The existing stop is directly adjacent to a regional hospital (Kaiser Medical Center—Walnut Creek). The stop currently has a covered shelter with a permanent bench, a trash bin, cigarette receptacle, and a street light relatively nearby. The site has a great and wide sidewalk and pad.



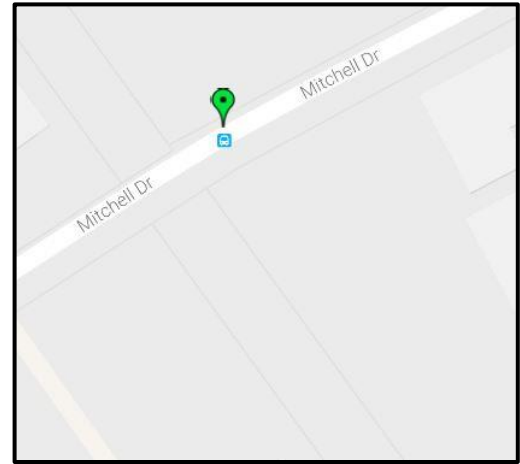
Proposed Improvements

- New bus shelter with public art at existing site.
- Remove existing shelter.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$1,000	\$1,000
<i>SUBTOTAL</i>			<i>\$23,500</i>
Contingency		15%	\$3,525
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$42,025</i>

C Mitchell Drive and Park & Ride (EB)



- Routes served: #1, #7, #92X, #93X
- Shadelands Business Park; Adjacent to a Park & Ride Lot
- Total Annual Boarding: 5,264 (2015)

Existing Conditions

- The site currently has a covered shelter with a permanent wooden bench, and signage. No trash or recycling bins available. Site conditions include, no existing concrete pad at the back of the existing shelter, an elevation difference between the front of the shelter and the rear.



Proposed Improvements

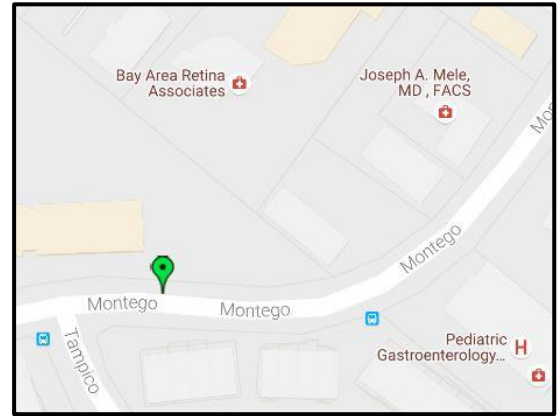
- Install a new bus shelter at existing site; remove existing shelter.
- ADA improvements, including construct a new pad and sidewalk extending out to the nearby crosswalk.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$1,000	\$1,000
Remove existing pavement & Construct Sidewalk/Pad	200 square feet	\$22 (per square foot)	\$4,400
<i>SUBTOTAL</i>			<i>\$27,900</i>
Contingency		15%	\$4,185
<i>TOTAL BUDGET</i>			<i>\$32,085</i>

D Montego & Tampico (WB)

- Routes served: #1
- Adjacent to a Senior Living-Care Facility and within walking distance of a regional hospital (John Muir Medical Center)
- Total Annual Boarding: 4,580 (2015)



Existing Conditions

- The existing site, located in front of a private Senior Living Care Facility, has a shelter with a permanent metal bench. Signage sits atop the shelter. No trash or recycling bins nearby. A street light is relatively near the existing shelter.



Proposed Improvements

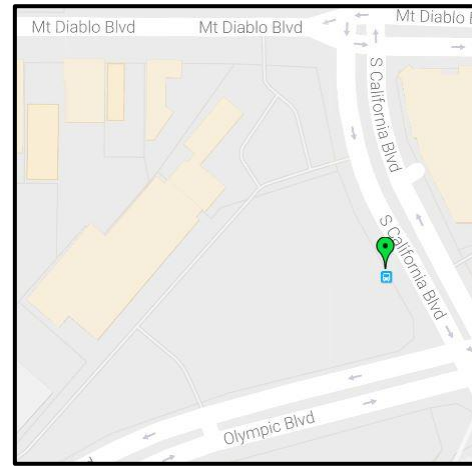
- Install new bus shelter at existing site; remove existing shelter.
- ADA improvements, including constructing additional sidewalk and pad
- Construct retaining curb to ease access
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$2,000	\$2,000
Construct Sidewalk/Pad	100 square feet	\$22 (per square foot)	\$2,200
Construct Retaining Curb	52 linear feet	\$50 (per linear foot)	\$2,600
<i>SUBTOTAL</i>			<i>\$29,300</i>
Contingency		15%	\$4,395
<i>TOTAL BUDGET</i>			<i>\$33,695</i>

E So. California Blvd., between Mt. Diablo & Olympic Blvd. (SB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 4,170 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent metal bench and a signage pole directly adjacent to the shelter. No existing trash or recycling bins, nor is there a nearby street light or lighting in general. Shelter is located under an existing tree and adjacent to a large retailer's parking lot (CVS Pharmacy).



Proposed Improvements

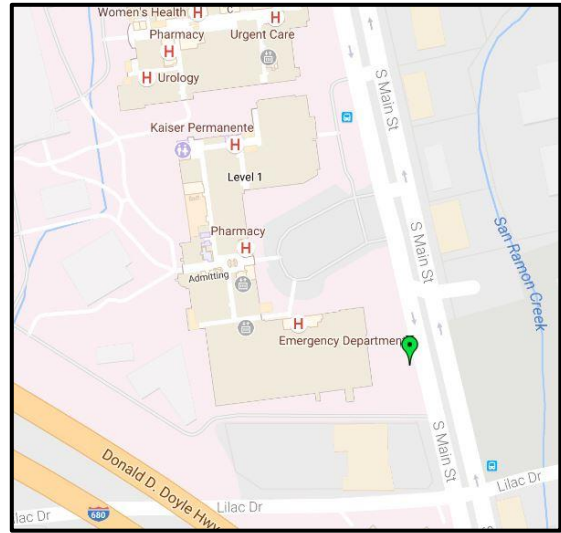
- Install new bus shelter, with public art. Remove existing shelter.
- ADA Improvements, including the construction of a bus shelter pad.
- Install wheel stops for parking stalls directly adjacent to new shelter to avoid future damage to shelter
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$1,000	\$1,000
Construct Bus Shelter Pad	50 square feet	\$22 (per square foot)	\$1,100
Wheel Stops	2	\$250	\$500
<i>SUBTOTAL</i>			<i>\$25,100</i>
Contingency		15%	\$3,765
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$43,865</i>

F So. Main St. & Kaiser Medical Center (SB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Directly adjacent to a regional hospital (Kaiser Medical)
- Total Annual Boarding: 2,543 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent wooden bench, signage atop the structure, two street light poles nearby, trash and cigarette receptacles, and a newspaper vending box. In addition, the site has a bus bulb-in.



Proposed Improvements

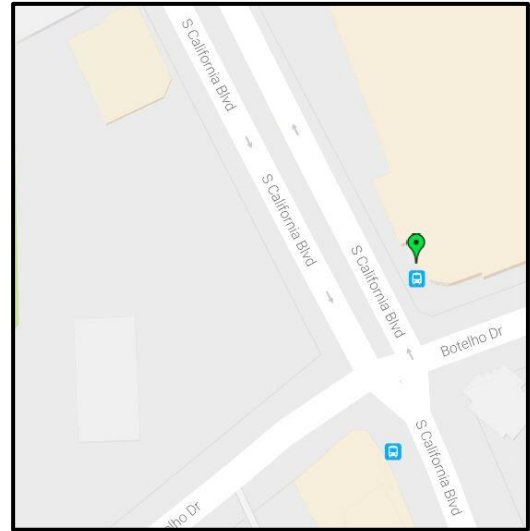
- Install new bus shelter, with public art, at the same location.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

G So. California Blvd. & Botelho Dr. (NB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 2,667 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent metal bench, signage atop the structure, a trash receptacle, and two landscape planer bins nearby. However, no street light poles nearby.



Proposed Improvements

- Install new bus shelter, with public art, at the same location.
- Technology features*

Cost Estimate

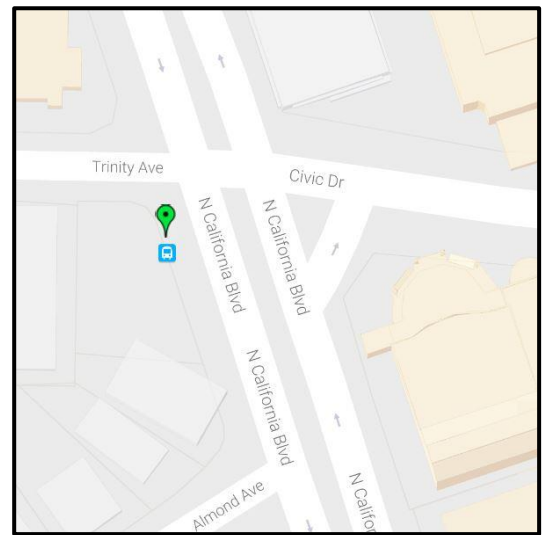
Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>



N. California Blvd. & Trinity Ave.

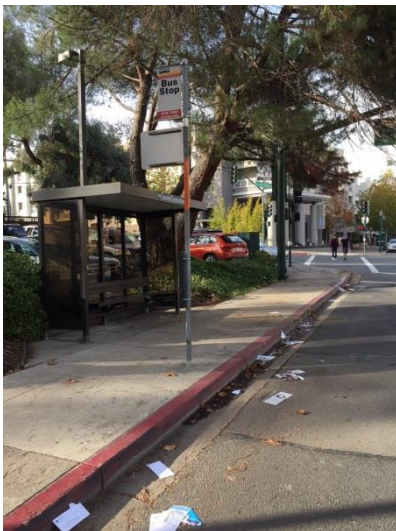
(SB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 2,466 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent metal bench, with signage on a nearby pole. The site is completely under a large tree canopy. No trash or recycling receptacles onsite, nor are street lights present. This site is across the street from the City's Leshner Center for the Arts and the Bedford Gallery.



Proposed Improvements

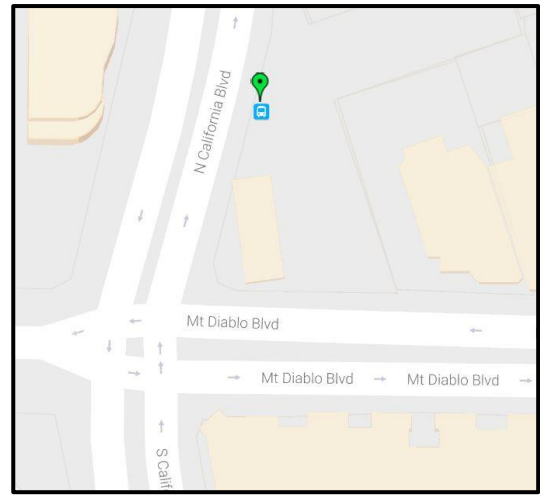
- Install new bus shelter, with public art at the same location.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

I N. California Blvd. & Mt. Diablo Blvd. (NB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 1,639 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent metal bench and signage on top and on the shelter structure. No trash or recycling receptacles onsite, nor are street lights present. Additionally, a tree canopy covers half the structure. This site is adjacent to a gas station (Chevron).



Proposed Improvements

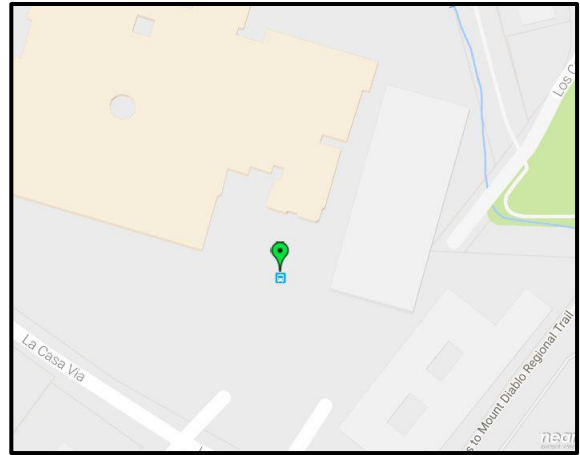
- Install new bus shelter, with public art at the same location.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

J John Muir Medical Center (NB)

- Routes served: #1, #1M, and #93X
- Directly adjacent/in front of the John Muir Medical Center (Regional Hospital)
- Total Annual Boarding: 1,836 (2015)



Existing Conditions

- The site has an existing bus shelter with a wooden bench, and visible signage on top of the structure. A trash receptacle is nearby, and lighting is provided by a light pole. The existing site is close to the main entrance of medical center (John Muir Medical Center).



Proposed Improvements

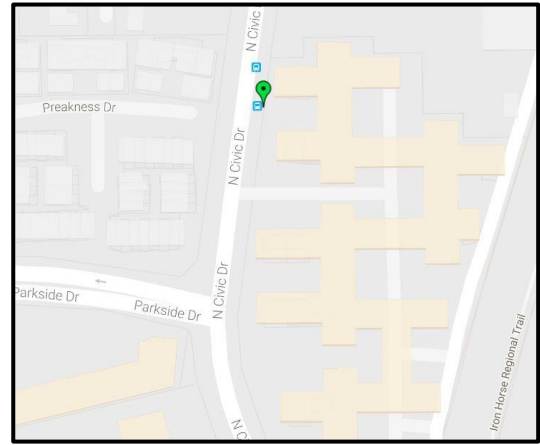
- Install new bus shelter at the same location.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			\$22,500
Contingency		15%	\$3,375
<i>TOTAL BUDGET</i>			<i>\$25,875</i>

K N. Civic Dr. & Parkside Dr. (NB)

- Routes served: #15 and #331
- Just north of the City's Core Downtown Area and Priority Development Area
- Total Annual Boarding: 1,135 (2015)



Existing Conditions

- The existing site has a covered shelter with a permanent metal bench and signage on top. No trash or recycling receptacles onsite, nor are street lights present. Additionally, several large tree canopies cover the structure and site. This site is adjacent to a multifamily residential development.



Proposed Improvements

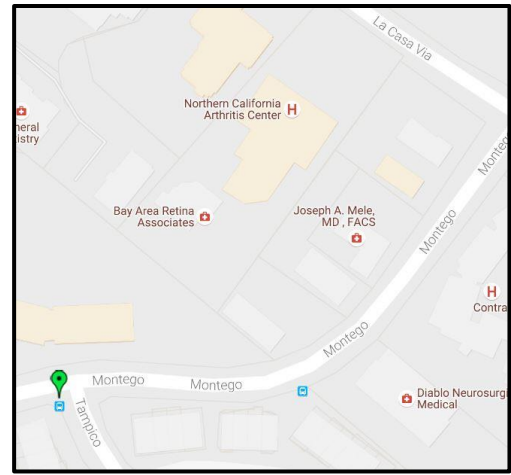
- Install new bus shelter, with public art at the same location.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

L Montego & Tampico (EB)

- Routes served: #1, #1M, and #301
- Across the street from a Senior Living-Care Facility and within walking distance of a regional hospital (John Muir Medical Center)
- Total Annual Boarding: 493 (2015)



Existing Conditions

- The existing site, located across the street from a private Senior Living Care Facility, has a shelter with a permanent metal bench. Signage sits atop the shelter. No trash or recycling bins nearby, nor is there a street light.



Proposed Improvements

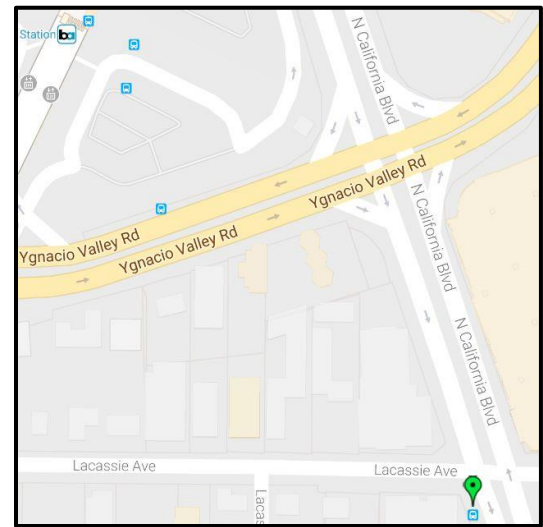
- Install new bus shelter at existing site; remove existing shelter.
- ADA improvements, including constructing additional sidewalk and pad
- Construct retaining curb to ease access
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$2,000	\$2,000
Construct Sidewalk/Pad	100 square feet	\$22 (per square foot)	\$2,200
Construct Retaining Curb	52 linear feet	\$50 (per linear foot)	\$2,600
<i>SUBTOTAL</i>			<i>\$29,300</i>
Contingency		15%	\$4,395
<i>TOTAL BUDGET</i>			<i>\$33,695</i>

M N. California Blvd. & Lacassie Ave. (SB)

- Routes served: #1, #4, #5 and #21
- In Core Downtown Area and Priority Development Area
- One block south of the Walnut Creek BART Station
- Total Annual Boarding: 24,042 (2015)



Existing Conditions

- The existing site is located one block south of the Walnut Creek BART Station. The current site does not have a covered shelter, only a wooden stationary bench. Signage is on a nearby pole; however no street lights are located nearby. Additionally, no trash or recycling receptacles are onsite.



Proposed Improvements

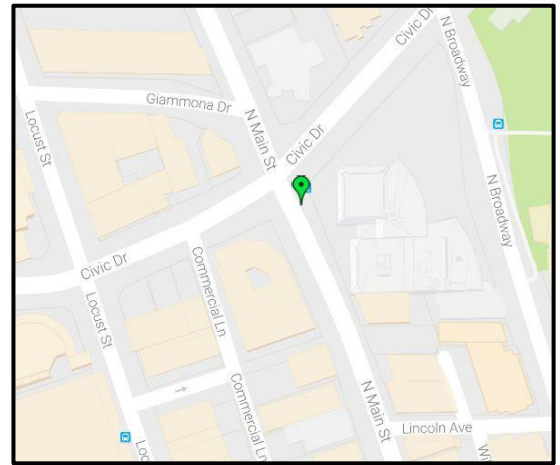
- Install new bus shelter, with public art at the same location.
- Remove and reconstruct sidewalk to provide additional accessibility features.
- Relocate USPS and UPS boxes to provide additional access.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove and construct sidewalk	0	\$22	\$0
Relocate USPS and UPS boxes	1	\$500	\$500
<i>SUBTOTAL</i>			<i>\$23,000</i>
Contingency		15%	<i>\$3,450</i>
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$41,450</i>

N Main St. & Civic Dr. (NB)

- Routes served: #4
- In Core Downtown Area and Priority Development Area
- Total Annual Boarding: 9,655 (2015)



Existing Conditions

- The existing stop is directly in front of the main entrance to City Hall. It currently has a permanent bench, two bins (trash & recycle), signage, and a street light adjacent to the bench. There is no existing shelter from the natural elements.



Proposed Improvements

- Install new bus shelter, with public art
- Technology features*

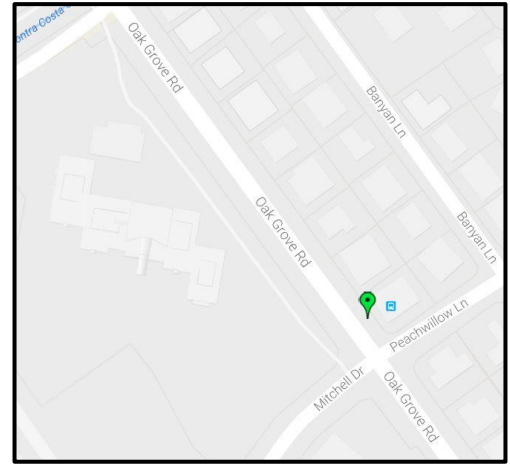
Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

0 Oak Grove Rd. & Peach Willow Ln.

(WB)

- Route served: #7
- Adjacent to a regional job center (Shadelands Business Park)
- Within walking distance of a shopping center
- Total Annual Boarding: 4,499 (2015)



Existing Conditions

- The site currently does not have a covered shelter or a bench—only a pole with signage exists to indicate the bus stop. No lighting nor a trash or recycling bins are on site.



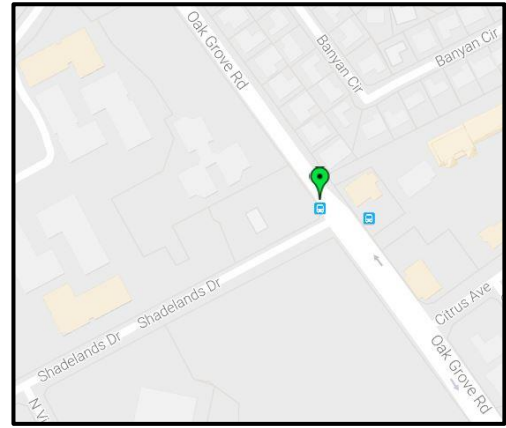
Proposed Improvements

- Install a new bus shelter at existing site
- ADA improvements, such as a new bus shelter pad, retaining curb, and curb ramps.
- Relocate bus stop signage to increase visibility
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Construct bus shelter pad	80 square feet	\$22 (per square foot)	\$1,760
Construct retaining curb	70 linear feet	\$80 (per linear foot)	\$3,500
Relocate bus stop sign	1	\$200	\$200
Construct curb ramps	3	\$4,000	\$12,000
<i>SUBTOTAL</i>			<i>\$39,960</i>
Contingency		15%	\$5,994
<i>TOTAL BUDGET</i>			<i>\$45,954</i>

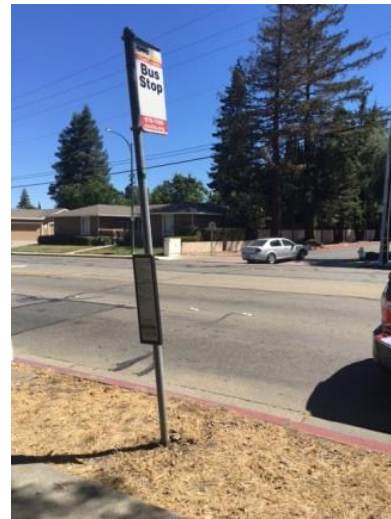
P Oak Grove Rd. & Shadelands Dr. (SB)



- Routes served: #1, #7, and #93X
- Adjacent to a regional job center (Shadelands Business Park)
- Across the street from regional shopping centers (Citrus Center; The Orchards and Encina Grande Shopping Centers)
- Total Annual Boarding: 4,357 (2015)

Existing Conditions

- The site currently does not have a covered shelter or a bench—only a pole with signage exists to indicate the bus stop. No lighting nor a trash or recycling bins are on site. A tree canopy is located nearby, providing some coverage from the natural elements.



Proposed Improvements

- Install a new bus shelter at existing site
- ADA improvements, such as a new bus shelter pad and curb ramps
- Technology features*

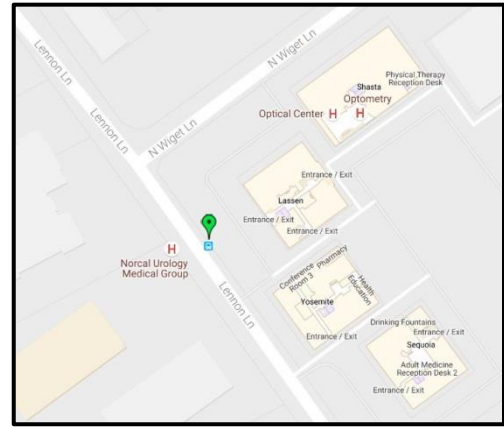
Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Construct bus shelter pad	120 square feet	\$22 (per square foot)	\$2,640
Construct curb ramps	1	\$4,000	\$4,000
<i>SUBTOTAL</i>			<i>\$29,140</i>
Contingency		15%	\$4,371
<i>TOTAL BUDGET</i>			<i>\$33,511</i>



Lennon Ln & N. Wiget Ln. (SB)

- Routes served: #1 and #7
- Within a regional job center (Shadelands Business Park)
- Within walking distance from regional shopping centers (The Orchards and Encina Grande Shopping Centers)
- Total Annual Boarding: 3,278 (2015)



Existing Conditions

- A moderately sized covered bus shelter with a large metal bench exists onsite. Signage rests at the top of the shelter, however, no lighting or trash and recycling bins are nearby. A tree canopy is located nearby, providing some coverage from the natural elements, during the afternoons.



Proposed Improvements

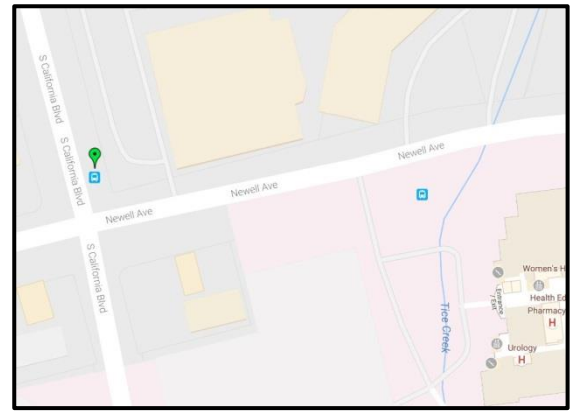
- Install a new bus shelter at existing site; remove existing shelter.
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove Existing Shelter	1	\$1,000	\$1,000
<i>SUBTOTAL</i>			<i>\$23,500</i>
Contingency		15%	\$3,525
<i>TOTAL BUDGET</i>			<i>\$27,025</i>

R S. California Blvd. & Newell Ave. (NB)

- Routes served: #5 and #21
- In Core Downtown Area and Priority Development Area
- Across the street from a regional hospital (Kaiser Medical Center), and adjacent to a grocery store (Trader Joe's)
- Total Annual Boarding: 3,680 (2015)



Existing Conditions

- The existing site has a bench with a tree canopy providing some shade in the afternoon. Signage is on a nearby pole. No covered shelter, no trash or recycling receptacles, nor are street lights present onsite.



Proposed Improvements

- Install new bus shelter, with public art at the same location.
- Technology features*

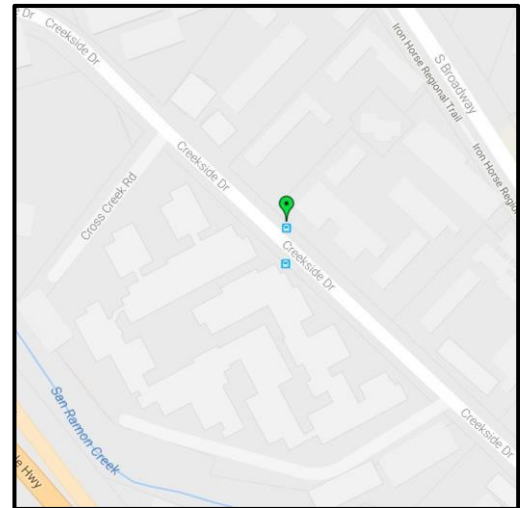
Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
<i>SUBTOTAL</i>			<i>\$22,500</i>
Contingency		15%	\$3,375
Public Art	1	\$15,000	\$15,000
<i>TOTAL BUDGET</i>			<i>\$40,875</i>

S Creekside Dr. & Creekside Oaks

(NB)

- Route served: #5
- Near core area; within Priority Development Area
- Adjacent to a concentration of multifamily complexes
- Total Annual Boarding: 13,767 (2015)



Existing Conditions

- The existing site has a bench with signage provided on a nearby pole. No covered shelter or trash and recycling receptacles are present onsite. Two newspaper vending boxes are located nearby, as well as a PG&E utility pole. An accessible pad is also located about 15 feet north of the existing bench.



Proposed Improvements

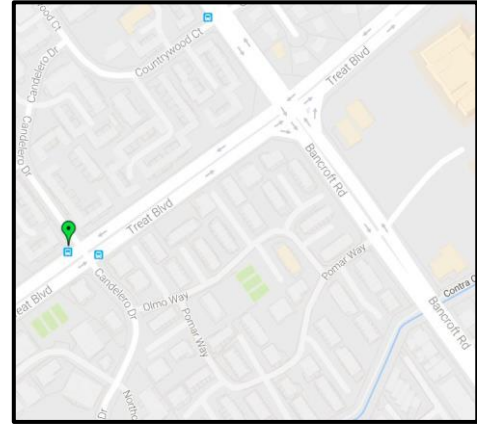
- Install new bus shelter at the same location.
- ADA and accessibility features, such as bus bulb out (heading south), and a high visibility crosswalk.
- Improve signage to increase visibility
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Remove and construct sidewalk/bulb-out	1,350 square feet	\$22 (per square foot)	\$29,700
Signage	1	\$500	\$500
High Visibility Crosswalk	1	\$1,000	\$1,000
SUBTOTAL			\$53,700
Contingency		15%	\$8,055
TOTAL BUDGET			\$61,755

T Treat Blvd. & Candelerio Dr. (WB)

- Routes served: #7, #11, #14, and #15
- Within walking distance of the Pleasant Hill BART station and a shopping center
- Total Annual Boarding: 2,518 (2015)



Existing Conditions

- The existing site has a bench with signage provided on a nearby pole. No covered shelter or trash and recycling receptacles are present onsite. The site is directly adjacent to a six-lane 'Route of Regional Significance' (Treat Blvd) with passing vehicles traveling at speeds of over 30 miles per hour.



Proposed Improvements

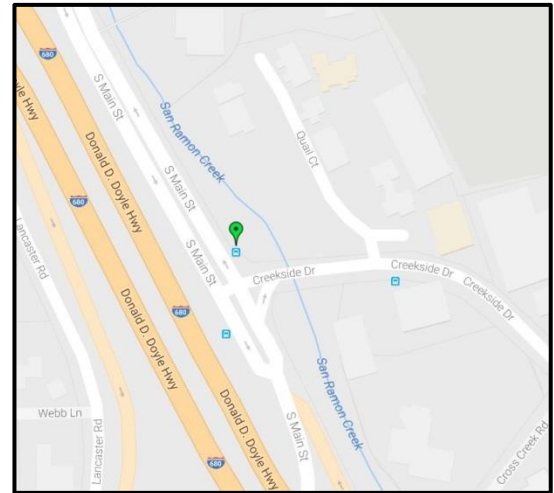
- Install a new bus shelter at existing site
- Accessibility improvements include new bus shelter pad
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Construct Bus Shelter Pad	64	\$22 (per square foot)	\$1,408
<i>SUBTOTAL</i>			<i>\$23,908</i>
Contingency		15%	\$3,586.20
<i>TOTAL BUDGET</i>			<i>\$27,494</i>

U S. Main St. & Creekside Dr. (NB)

- Routes served: #5 and #21
- Near core area; within Priority Development Area
- Within walking distance of Las Lomas High School
- Total Annual Boarding: 1,868 (2015)



Existing Conditions

- The existing site has a wooden bench with signage provided on a nearby pole. No covered shelter or trash and recycling receptacles are present onsite.



Proposed Improvements

- Install new bus shelter at the same location.
- Accessibility feature includes the construction of a bus shelter pad
- Technology features*

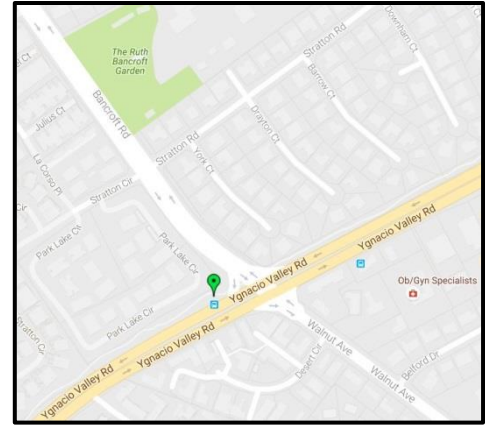
Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Construct Bus Shelter Pad	80 square feet	\$22 (per square foot)	\$1,760
<i>SUBTOTAL</i>			<i>\$24,260</i>
Contingency		15%	\$3,639
<i>TOTAL BUDGET</i>			<i>\$27,899</i>



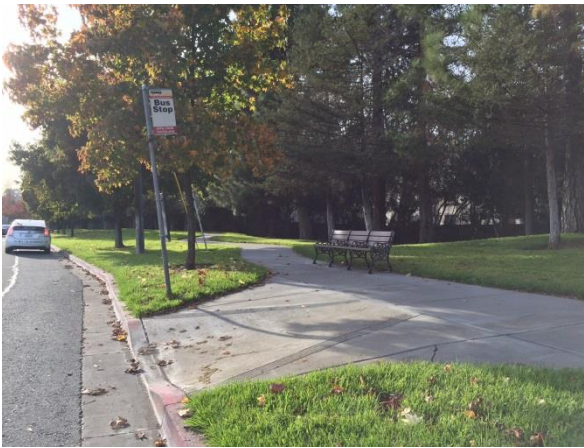
Ygnacio Valley Road & Bancroft Rd. (WB)

- Routes served: #1, #92X, and #93X
- Total Annual Boarding: 2,229 (2015)



Existing Conditions

- The existing site has a bench with signage provided on a nearby pole. No covered shelter or trash and recycling receptacles are present onsite. A nearby tree provides some shade. The site is directly adjacent to a six-lane 'Route of Regional Significance' (Ygnacio Valley Road) with passing vehicles traveling at speeds of over 40 miles per hour.



Proposed Improvements

- Install a new bus shelter at existing site
- Accessibility improvements including the reconstruction of the bus shelter pad & sidewalk, as well as the construction of a retaining curb and curb & gutter
- Technology features*

Cost Estimate

Description	Quantity	Unit Cost	Cost
Bus Shelter	1	\$12,000	\$12,000
Install Bus Shelter	1	\$5,000	\$5,000
Permit Fees	1	\$1,000	\$1,000
Technology Features	1	\$4,000	\$4,000
Shelter Installation Management	10 hours	\$50	\$500
Reconstruct Bus Shelter Pad/Sidewalk	432 square feet	\$22 (per square foot)	\$9,504
Construct Retaining Curb & Curb and Gutter	50 linear feet	\$50 (per linear foot)	\$2,500
SUBTOTAL			\$34,504
Contingency		15%	\$5,175.60
TOTAL BUDGET			\$39,680

TLC Grant Application: Bus Stop Access & Safety Improvements—*Shelter Removals*

The following bus stop locations have been identified for a shelter removal only, either because of low ridership, no longer service provided at the location, or it is non-accessible and non-compliant in terms of ADA. The bus stops are located throughout Walnut Creek/CCCTA's service area, and are shown on the map corresponding with this grant application.

Existing Conditions

- Bus shelter exists on site—made out of either aluminum or cement & steel.

Proposed Improvements

- Remove bus shelter.

Cost Estimate

	Description	Type	Quantity	Unit Cost	Cost
01	S. Main St. & Newell Ave.	Aluminum	1	\$1,000	\$1,000
02	S. Broadway & Mt. Diablo Blvd.	Aluminum	1	\$1,000	\$1,000
03	Mt. Diablo Blvd. & Mt. Pisgah Rd.	Aluminum	1	\$1,000	\$1,000
04	Heather Dr. & N. Carlos Dr.	Aluminum	1	\$1,000	\$1,000
05	Newell Ave. & S. Broadway	Cement/Steel	1	\$1,650	\$1,650
06	Walnut Ave. & Desert Cir.	Aluminum	1	\$1,000	\$1,000
07	Marchbanks Dr. & Kinross Dr.	Aluminum	1	\$1,000	\$1,000
08	Marchbanks Dr. & Players Ct.	Aluminum	1	\$1,000	\$1,000
09	Mitchell Dr. & N. Wiget Ln.	Aluminum	1	\$1,000	\$1,000
10	Mitchell Dr. & Oak Grove Rd.	Aluminum	1	\$1,000	\$1,000
	SUBTOTAL				\$10,650
	Contingency			15%	\$1,598
	TOTAL BUDGET				<i>\$12,248</i>

TLC Grant Application: Bus Stop Access & Safety Improvements—*Benches & Receptacles*

The following are locations selected to receive a bench only—no additional improvements.

Location & Cost Estimate

Location & Cost Estimate	Cost
Botelho Dr. & Locust St.	
Bench	\$1,600
Receptacle	\$900
North Main St. & Bonanza St.	
Bench	\$1,600
Receptacle	\$900
Ygnacio Valley Rd. & Civic Dr.	
Bench	\$1,600
Receptacle	\$900
South Main St. & Lilac Ct.	
Bench	\$1,600
Receptacle	\$900
<i>TOTAL BUDGET</i>	<i>\$10,000*</i>
*Per location	<i>\$2,500</i>

TLC Grant Application: Bus Stop Access & Safety Improvements—Creekside Drive Improvements

The following are the ADA/Accessibility improvements proposed for various locations along Creekside Drive, which is entirely within the Walnut Creek Priority Development Area. The improvements along Creekside Drive will provide a direct connection to the bus stops and to the Iron Horse Trail, thereby proving access to local and regional destinations.

Proposed Improvements & Cost Estimates

Description	Cost
Sidewalk replacement and bus stop removal between Main St. and Quail Ct.	\$10,000
ADA ramps between 1451 Creekside Drive and Iron Horse Trail Access	\$10,000
Relocate bus stop and address tripping hazards between Iron Horse Trail and Near Ct.	\$20,000
Upgrade curb ramps at Mt. Diablo Blvd. & Locust St. intersection	\$10,000
Reconstruct sidewalk for ADA compliance at the end of Creekside Dr.	\$20,000
<i>SUBTOTAL</i>	\$70,000
Contingency (15%)	\$10,500
<i>TOTAL BUDGET</i>	<i>\$80,500</i>