

# **APPENDIX D**

**Memorandum #4**

**Summary of Transportation Gaps  
and Potential Solutions**

Draft

**FEBRUARY 2, 2006 OPEN HOUSE:  
Summary of Transportation Gaps and  
Potential Solutions  
MEMORANDUM #4**

for the

**Canal Neighborhood  
Community-Based Transportation Plan**

prepared for:

**CANAL TRANSPORTATION PLAN STAKEHOLDER COMMITTEE**

**Transportation Authority of Marin  
City of San Rafael**

March 9, 2006

## ACKNOWLEDGEMENTS

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This document was written for the Canal Stakeholder Committee, which is preparing a Community-Based Transportation Plan. Copies of this report are available at [www.tam.ca.gov](http://www.tam.ca.gov) or call 415-499-6528.

## INTRODUCTION

This report presents a summary of transportation-related issues identified at the Canal Transportation Plan Open House. These findings represent the problems, referred to here as “transportation gaps”, experienced by residents when traveling within the neighborhood or to other locations in San Rafael, Marin County or the Bay Area. Concerns of pedestrians, bicyclists, motorists and transit riders were all considered. In addition to presenting the transportation gaps, this report identifies potential solutions recommended by both workshop participants and the project’s transportation consultant, Wilbur Smith Associates. Initial relative cost estimates of implementation and estimated timeframes are also included for review by TAC and Stakeholder Committee members.

The Canal Transportation Plan Open House was held on February 2, 2006 at the Canal Welcome Center centrally located in the neighborhood. The workshop was held from 5:30 to 8:30 PM and participants were encouraged to stay as long as they wanted, and children were invited to join their parents and share their travel experiences. Materials were available in English, Spanish and Vietnamese and translators were present to assist with recording the comments of participants. More than 60 residents and interested parties attended. A more detailed listing of outreach efforts to advertise and invite Canal stakeholders to this meeting is presented in Summary of Outreach Efforts for the February 2, 2006 Open House (Memorandum #3).

The Open House consisted of five stations. In addition, several displays were available to inform attendees on the status of the Cal Park Hill Tunnel Rehabilitation and Multi-Use Path Construction project, Highway 101 Carpool Lane Gap Closure project and Sonoma-Marin Rail project. The materials presented at the five stations included:

- **Station 1** - At the first station, participants were welcomed to the workshop, asked to sign-in and given a fact sheet explaining the community-based transportation planning process and the goals of the workshop. A slideshow was running in the background with pictures of the Canal neighborhood and examples of transportation improvements made in other communities.
- **Station 2** - At Station 2, findings from previous neighborhood and transportation studies were presented on large wall displays. Participants were given dots and asked to place these on issues most important to them in traveling in and out of the neighborhood. The issues were divided by mode, for pedestrian, bicycle, transit and motorist. These issues are included in Appendix A with the corresponding ranking of importance identified at the workshop.
- **Station 3** - Participants were asked to identify the ‘hot spots’ or problems encountered while traveling within the Canal neighborhood. Four wall maps were provided, one for each mode to allow participants to place dots at locations where they experience difficulties in walking, bicycling, driving and/or taking transit. Bilingual workshop monitors were on hand to solicit specific details about the traveling problems and record comments. The resulting maps are included in Appendix B. Comments are included in Appendix C.
- **Station 4** - Station 4 was used to record specifics about traveling outside the Canal neighborhood. Attendees were asked to place dots at locations where it is difficult for them to travel to. Further descriptions of each difficulty were recorded by workshop monitors. These comments are included in Appendix C.
- **Station 5** - At Station 5, participants were thanked for attending and were provided with materials on other transportation-related projects and program information, and upcoming meetings such as the upcoming Marin County Transit District’s Short Range Transit Plan public meetings.

## SUMMARY OF FINDINGS

Many of the transportation issues brought up in previous studies continue to be of concern for Canal residents. Although many specific details were provided at the workshop, barriers to mobility for Canal residents can be summarized as:

- Lack of access points between Canal and other areas of San Rafael. As a result, travel to locations outside the Canal can be circuitous and heavily congested. The barriers formed by the canal and highways limit available travel options. Available routes over the Grand Avenue bridge and along Bellam Boulevard were considered challenging particularly for pedestrians and bicyclists. Montecito Shopping Center and Marin Square were most often noted as difficult to travel to by foot and by bicycle.
- Transit continues to be a barrier to Canal residents. Although Golden Gate Transit routes 35 and 36 serving the Canal have the highest ridership of all routes in the local transit system, residents feel that service is not frequent enough, does not offer adequate service in the early morning and late evening hours, and does not provide convenient service to essential destinations. The most frequently mentioned underserved locations included San Pedro Elementary School (for parents) and College of Marin. In addition, residents feel that bus service is very costly especially for the short trip to downtown San Rafael.
- Walking in the neighborhood was a concern for many open house participants. Narrow sidewalks, obstructions on sidewalks, lack of curb ramps, and challenging intersection crossings were all cited as difficulties. Safer crossings of Canal Street and Kerner Blvd with additional crosswalks and stop signs were recommended. The need for access along the canal and a more direct route to nearby locations across the canal to Montecito Shopping Center, San Rafael High School and San Pedro Elementary School were also mentioned.
- Francisco Blvd. East was frequently mentioned as a problem for Canal residents. The heavy traffic, fast travel speeds, narrow sidewalks, narrow travel lanes and infrequent bus stops make it unattractive and difficult for travel by pedestrians, bicyclists, transit riders and motorists alike.
- Finally, there was general concern about the speed with which drivers travel on neighborhood streets, the lack of attention by drivers to stop signs, failure of motorists to yield to pedestrians, and the lack of street lighting at night for pedestrians, bicyclists, children exiting school buses and others waiting at bus stops.

A detailed list of transportation gaps, potential solutions, relative cost and timeframe is included in Table 1 below. The transportation gaps were identified by participants at the Canal Transportation Plan Open House. Potential solutions were recommended by both workshop participants and the project's transportation consultant, Wilbur Smith Associates. Cost, listed as low, medium and high, is the preliminary relative cost for implementation including estimates for both additional studies and capital improvements. Note that these cost estimates are preliminary and conceptual only. For the purposes of this analysis, low cost is defined as less than \$25,000, medium as \$25,000 - \$250,000 and high cost is more than \$250,000. Timeframes are also preliminary and include consideration of time needed to prepare further studies and identify and secure funding for the project. It is estimated that short-term projects could be started in 1-3 years, medium-term in 3-8 years, and long-term in more than 8 years.

**Table 1: Transportation Gaps Identified at the Canal Transportation Plan Open House  
Potential Solutions, Cost, and Timeframe to Begin  
DRAFT WORKING DOCUMENT**

Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
Ped	Poor pedestrian access to locations north of the Canal via Francisco Blvd East and Grand Ave Bridge (ie Montecito Shopping Center, Downtown, San Rafael High School, etc)	Francisco Blvd East - Widen sidewalk and add buffering between travel lanes and sidewalk. Include street tree plantings	Very High	Long
		Francisco Blvd East - Improve street lighting.	Med-High	Med-Long
		Francisco Blvd East - Improvements and/or enforcement of the roadway to reduce travel speeds.	High-Very	Med-Long
		Grand Ave Bridge - Widen sidewalk.	Very High	Long
		Grand Ave Bridge - Construct ped/bike bridge adjacent to existing bridge.	Very High	Long
		Provide ped/bike pathway along canal for all or part of distance to Grand Ave Bridge.	Very High	Long
		Construct new ped/bike bridge over canal	Very High	Long
		Construct ped/bike tunnel under canal.	Very High	Long
		Provide ferry service across canal.	Very High	Long
Ped	Poor pedestrian access to locations east of the Canal via Bellam Blvd. (ie. Marin Square, Davidson Middle School)	Improve existing pedestrian pathways under freeway overcrossings with pedestrian signals, pedestrian countdown signals, pedestrian refuges, raised crosswalks and street lighting	Very High	Med-Long
		Add additional ped/bike bridge or underpass to cross freeways	Very High	Long
		Widen sidewalks along Bellam Blvd.	Very High	Long
Ped	No pedestrian access to or along canal	Provide ped/bike pathway along canal extending north from existing pathway at Pickleweed Park.	Very High	Long
Ped	Difficult pedestrian crossings at intersections including: Kerner @ Novato Kerner @ Bellam Kerner @ Larkspur Canal @ Novato Canal @ Medway Canal @ Fairfax Canal @ Larkspur	Install standard crosswalks	Low-Med	Short-Med
		Install longitudinal crosswalk markings (ladder style) for greater visibility	Low-Med	Short-Med
		Install stop sign controls	Low	Short-Med
		Install traffic signal controls with pedestrian phase	Med-High	Medium-Long
		Install in-roadway warning lights	Med-High	Med-Long
		Install speed tables or raised intersections to reduce speeds and improve pedestrian visibility	High-Very High	Long
Ped	Pedestrians don't know how much crossing time they have at signalized intersections	Add pedestrian signal phase and/or pedestrian countdown signals at signalized intersections	Med-High	Med-Long

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Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
Ped	On Medway and Canal from E Francisco Blvd. to Novato St.- fast traffic and no crosswalks	Traffic calm the roadway to reduce travel speeds	Low-High	Short-Long
		Install crossing improvements at some intersections	Low-Med	Short-Med
Ped	Many intersections are missing curb ramps	Install curb ramps at intersections where they are needed	Med-Very High	Short-Long
Ped	Drivers do not yield to pedestrians at uncontrolled intersections (those without crosswalks/stop signs or signals)	Implement traffic education programs and enforcement (See traffic safety section)	Low-high	Short-Med
Ped	Larkspur St from Kerner to Canal has heavy pedestrian traffic; narrow sidewalks are obstructed and crosswalks are limited	Clear obstructions from sidewalks	Low-Med	Ongoing
		Install crossing improvements at some intersections	Low-High	Short-Long
		Traffic calm roadway to reduce speeds	Low-High	Short-Long
Ped	Intersection of Belvedere at Alto/Tiburon has heavy car and pedestrian volumes. The offset at the intersection makes it difficult to navigate safely	Traffic calm roadway to reduce speeds	Low-High	Short-Long
		Install crossing improvements such as stop signs, crosswalks, speed tables	Low-Med	Short-Long
		Reconfigure intersection to eliminate the offset	High-Very High	Long
		Install traffic channeling to direct traffic flows	Med-High	Med-Long
Ped	Sidewalks are too narrow on Medway and Vivian Streets	Widen sidewalks	Very High	Long
		Clear sidewalk obstructions	Low-Med	Ongoing
Bicycles	Bicycling is difficult along Francisco Blvd. East-not enough room on the road to share lanes. Roadway needs paving improvements	Traffic calm street to reduce traffic speeds	Low-High	Short-Long
		Widen roadway to add bike lanes	Very High	Long
		Add share-the-road signage or "sharrows" to alert drivers to presence of bicyclists	Low	Short-Med
		Provide alternate route to Francisco Blvd. East with canal pathway, canal crossing or freeway crossing	Very High	Long
		Repave roadway	Very High	Long
Bicycles	Bellam is congested and challenging for bicyclists on roadway, especially under the freeway, making it difficult to	Add bike lanes	Med-Very High	Short-Long
		Widen sidewalk to accommodate both pedestrians and bicyclists	Very High	Long
		Provide ped/bike alternative to using Bellam	High	Long

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Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
	get from Canal to Andersen Dr bike lanes	Add share-the-road signage or "sharrows" to alert drivers to presence of bicyclists	Low	Short-Med
Bicycles	Need more bicycle parking	Install bicycle racks and/or lockers at locations needing bicycle parking	Low	Short-Med
Bicycles	Bicycle racks on buses are often full or not available	Increase bus service to Canal	Med-High	Short-Med
		Provide long-term secure bicycle parking to reduce demand of bicycles on buses	Low-Med	Short
		Develop policy to carry bikes on buses when capacity is available	Low	Short
		Replace existing bus/bike racks with higher capacity racks	Med	Short-Med
		Make sure that all buses in Canal have bike racks	Low-Med	Short
	Improve bicycling access to Canal to reduce bus/bike demand	Low-High	Short-Long	
Bicycles	Bicyclists use crosswalks at high speeds	Implement traffic safety and education program (See traffic safety)	Low-High	Short-Med
Transit	Bus drivers are not courteous to passengers	Work with Golden Gate Transit to address the issue	Low-Med	Short
Transit	Transit is costly for those using it on a daily basis	Provide transit subsidies for low income residents	Med-High	Med-Long
		Institute a reduced fare or free zone from Canal to Downtown (San Rafael Transit Center)	Low-High	Short-Long
Transit	Canal buses (Routes 35 & 36) are very crowded	Run buses more frequently	Med-High	Short-Med
		Use bigger buses	High	Med-Long
Transit	Transit service is not frequent enough	Run buses more frequently	Med	Short-Med
Transit	Transit service is not adequate during early morning and evening hours	Expand bus service in early morning and late evening hours	Med-High	Short-Med
Transit	Buses do not run on time	Conduct a schedule adherence study for Canal neighborhood and adjust schedule accordingly	Low	Short
Transit	Regular transit service is needed to San Pedro Elementary School	Provide shuttle from Canal to San Pedro Elementary School for parents, etc.	High	Med
		Provide regular bus service to San Pedro Elementary from Canal or Transit Center	High	Med
		Provide taxi subsidy for parents needing to go to San Pedro Elementary School from Canal	Med-High	Short-Med

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Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
Transit	School bus stops are located on busy streets which is inconvenient for drivers and difficult for students	Re-examine school bus routing and improve bus stop convenience and safety as needed	Low-High	Short
		Provide crossing guards to assist children in safely loading and unloading of school buses	Med-High	Short-Med
Transit	San Rafael High School students using public buses are often unable to get off at the appropriate location because buses are too crowded and drivers do not give students enough time	Train drivers to allow students adequate time to unload	Low	Short
		Teach students to prepare to unload before bus reaches their destination	Low	Short
		Increase bus service to reduce bus crowding	Med-High	Short-Med
Transit	There are few bus stops on Francisco Blvd.	Add additional bus stops along Francisco Blvd.	Low-Med	Short-Med
Transit	Transit is not available south and east of Kerner Blvd	Expand transit service in the area south and east of Kerner Blvd.	Med-High	Short-Med
Transit	Better transit service needed from Canal to: College of Marin Northgate Mall (weekends) Dominican University (later hours) Kaiser Terra Linda DMV (Novato or Corte Madera) Sausalito Mill Valley/Stinson Beach (weekends) Sleepy Hollow (7:30-3 weekdays) Marin General Hospital	Work with MCTD/Golden Gate Transit to improve service to these locations with direct service, expanded service hours and/or more frequent service	Low-High	Short-Med
		Institute a ride-sharing program in the Canal to promote carpooling as an alternative to transit	Low-Med	Short-Med
Cars	There isn't enough parking in the neighborhood	Provide off-street parking at locations in the neighborhood	High	Long
		Limit vehicles per family with residential parking permits	Med	Med
Cars	Drivers speed on residential streets	Traffic calming improvements on certain streets to reduce speeds	Very High	Short-Long
		Implement traffic safety and education programs (see General Traffic Safety below)	Low-High	Short-Med

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Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
		Enforce traffic speed limits on residential streets	Low-Med	Short
Cars	It is difficult to drive into and out of the post office on Bellam Blvd.	Reconfigure entry/exit to post office	High-Very High	Med-Long
Cars	People can't understand street sweeping/tow away signs	Add multi-lingual placards to street sweeping/tow away signs	Med	Short-Med
Cars	Medway/Francisco Blvd. intersection is difficult to navigate	Install/reconfigure traffic controls	Med-High	Med-Long
Cars	Difficult to make turns onto Bellam Blvd. from Belvedere St.	Install traffic controls at the intersection	Med-Very High	Med-Long
		Remove obstructions to line of sight at intersection	Low-Med	Short-Med
		Improvements/enforcements on Bellam Blvd. to reduce travel speeds	Low-Very High	Short-Long
Cars	Double parking makes it difficult to drive and walk and increases congestion	Enforce double-parking restrictions	Low	Short
		Post "No Double Parking" signs in locations where this activity often occurs (Francisco Blvd. in Bahia area and on Belvedere)	Low-Med	Short-Med
Cars	Difficult to make left turns onto Canal Street	Install traffic controls at some intersection	Med-High	Short-Long
		Remove obstructions to line of sight at intersection	Low-Med	Short
		Traffic calming improvements/enforcement on Canal St. to reduce travel speeds	Low-Very High	Short-Long
Cars	Traffic from Canal via Grand Ave bridge is very congested, especially during A.M. peak	Reduce auto travel demand by improving transit, bicycle and pedestrian access	Low-Very High	Short-Long
		Improve/adjust signal timing in this area	Med-High	Med-Long

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Mode	Transportation Gap	Potential Solutions - DRAFT	Cost (1)	Timeframe (2)
Traffic safety	Pedestrians jaywalk	Implement a street safety program in the Canal making use of existing traffic safety programs and co-sponsored by City police, school district, neighborhood organizations, etc. Sample existing programs include: <ul style="list-style-type: none"> <li>- Safe routes to school</li> <li>- Safe routes to transit</li> <li>- Enforcement</li> <li>- Traffic school for adult and juvenile offenders</li> <li>- 'Street Smarts' public education campaign that targets drivers, pedestrians and bicyclists-previously used in San Jose</li> <li>- Traffic calming program targeted at lowering speeds in residential communities with measure from enforcement, radar speed trailers to speed humps and road closures.</li> <li>- Bicycle education programs from League of American Bicyclists</li> </ul>	Low-Very High	Short-Long
	Drivers do not yield to pedestrians at uncontrolled intersections (those without crosswalks/stop signs or signals)			
	Drivers do not yield to flashing red lights on school buses			
	Drivers do not make complete stops at stop signs on Medway			
Traffic safety	Difficult to see people walking and bicycling through intersections	Improve line of sight at intersections by removing visual obstructions	Med	Med-Long
		Improve street lighting especially at intersections	Low-High	Med-Long
		Provide crosswalks, stop signs or traffic signals at some intersections	Low-Very High	Short-Long
		Traffic calm streets to reduce traffic speeds	Low-Very High	Short-Long
		Educate pedestrians and bicyclists on traffic safety	Low-Med	Short-Med
All	There are few access points into neighborhood from other areas of the city	Increase pedestrian and bicycle access with additional canal and freeway crossings	High-Very High	Long
		Provide a pedestrian bridge over Highway 101 from Francisco Blvd West to Canal neighborhood	Very High	Long
		Provide a Kerner/Andersen connection south of neighborhood	Very High	Long
All	Some Canal neighborhood streets are dark	Install additional street lighting on Canal streets, especially at bus stops and intersections	Low-Very High	Med-Long
		Use lighting that is more pedestrian scale	High-Very High	Med-Long
(1) Cost - Short = Below \$25,000; Medium = \$25,000-\$250,000; High = \$250,000 - \$500,000; Very High = More than \$500,000. (2) Timeframe - Short-Term = 1-3 years; Medium-Term = 3-8 years; Long-Term = More than 8 years. NOTE: Cost and Timeframe are only draft ideas and additional study is necessary				

**APPENDIX A – Prioritization Issues Previously Identified  
Canal Neighborhood Community-Based Transportation Plan**

*Participants were asked to note which issues that we've heard about in the past are a priority issue today.*

**Bus/Transito**

<b>Issue</b>	<b># Respondents</b>
Transit is costly for those who use it on a daily basis. <i>El sistema de transito es caro para aquellos que lo usan diariamente.</i>	<b>20</b>
Some bus drivers are not courteous to riders. <i>Algunos chóferes de autobús no son cordiales con los pasajeros.</i>	<b>34</b>
There are not enough transit buses in the Canal. <i>No hay suficientes autobuses en el Área de Canal.</i>	<b>12</b>
The buses don't run frequently enough (i.e., at least every 30 minutes). <i>Los autobuses no pasan con suficiente frecuencia (por ejemplo, al menos cada 30 minutos.)</i>	<b>10</b>
There are not enough early morning and late buses from the Canal to places of work. <i>No hay suficiente cantidad de autobuses temprano en la mañana y ya en la tarde del Área de Canal a los lugares de trabajo.</i>	<b>13</b>
The buses don't run on time. <i>Los autobuses no pasan a la hora que deben.</i>	<b>12</b>
Routes 35 and 36 are very crowded. <i>Las rutas 35 y 36 están muy apretadas.</i>	<b>13</b>
School bus stops are inconvenient for drivers. <i>Las paradas del autobús están en áreas inconvenientes para los chóferes.</i>	<b>2</b>
There is no bus transportation to San Pedro Elementary School. <i>No hay transportación de autobús para la Escuela Primaria de San Pedro.</i>	<b>16</b>

### **Bikes / Bicicletas**

<b>Issue</b>	<b># Respondents</b>
<p>There are not enough places to park bicycles.  <i>No hay suficientes lugares para estacionar las bicicletas.</i></p>	<b>2</b>
<p>There isn't enough room to bike safely along Francisco Blvd. East.  <i>No hay suficiente lugar en la carretera para andar en bicicleta en la calle Francisco Blvd. East.</i></p>	<b>16</b>
<p>Car congestion along Bellam Blvd. under the 580 overcrossing means that bicyclists have to walk their bike on the sidewalk.  <i>El congestionamiento a lo largo de Bellam Blvd. debajo del Puente del 580 hace que los ciclistas tengan que caminar sus bicicletas en la acera.</i></p>	<b>7</b>
<p>It is difficult to get from the Canal neighborhood to the Andersen Drive bike lanes.  <i>Es difícil llegar del vecindario de Canal a las líneas de bicicletas que están en la calle Andersen Drive.</i></p>	<b>7</b>
<p>The buses do not have enough places to carry bikes.  <i>Los autobuses no tienen suficientes lugares para llevar las bicicletas.</i></p>	<b>5</b>

## Pedestrians / Los Peatones

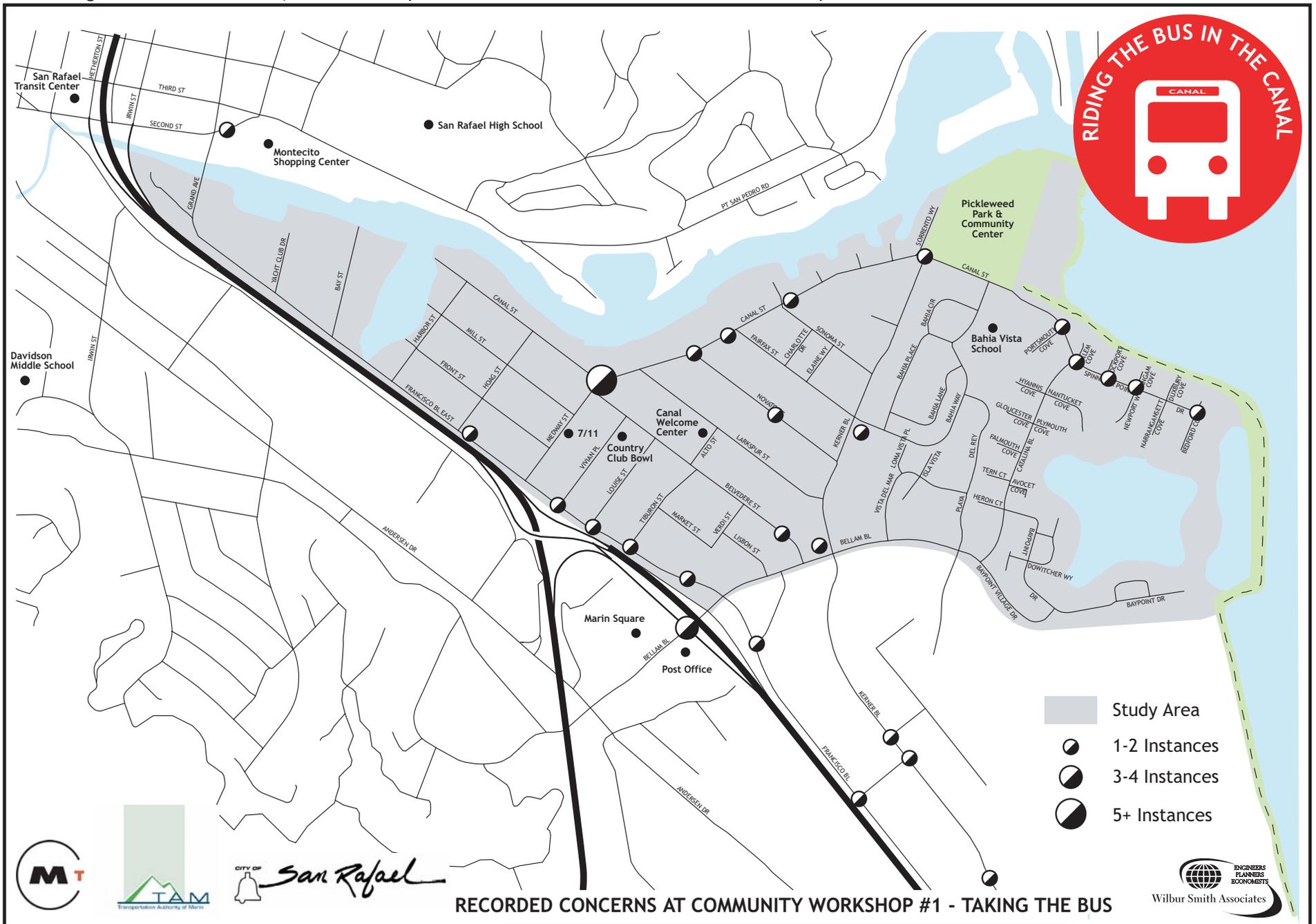
Issue	# Respondents
There aren't any street trees along the neighborhood streets. <i>No hay árboles a lo largo de las calles en la comunidad.</i>	<b>2</b>
There should be more wheelchair ramps on the sidewalks. <i>Debería haber mas rampas para sillas de ruedas en las banquetas.</i>	<b>5</b>
There aren't enough crosswalks on neighborhood streets. <i>No hay suficientes áreas para cruzar las calles en la comunidad.</i>	<b>4</b>
I don't know how much time I have to cross a street where there is a signal. <i>Yo no se cuanto tiempo para cruzar una calle donde hay semáforos o señales de trafico.</i>	<b>6</b>
The sidewalks are too narrow on Medway and Vivian streets. <i>Las aceras están muy angostas en las calles Medway y Vivian.</i>	<b>1</b>
There is not enough lighting along Francisco Blvd. East. <i>No hay suficiente luz a lo largo de la calle Francisco Blvd. East</i>	<b>3</b>
Francisco Blvd. East is a dangerous and ugly street to walk along. <i>La calle Francisco Blvd. East es peligrosa y fea para caminar por ahí.</i>	<b>6</b>
There isn't good access to walk to or along the Canal waterway. <i>No hay suficiente acceso para caminar a lo largo del canal (de agua) en Canal.</i>	<b>8</b>
The sidewalk on the Grand Avenue bridge is narrow for number of people who use it. <i>La acera del puentecito de la Avenida Grand esta muy angosta para la cantidad de gente que la usa.</i>	<b>4</b>
It is a long walk from the Canal to Downtown and Montecito Shopping Center. <i>Es una caminata muy larga de Canal al Centro de San Rafael o al Centro Comercial Montecito.</i>	<b>8</b>
It's not easy to walk to Marin Square. <i>No es fácil caminar hacia Marin Square.</i>	<b>0</b>
It's not easy to walk to Borders Books and Toys R Us. <i>No es fácil caminar al centro comercial donde están la tienda de libros "Borders Books" y tienda de juguetes Toys R Us.</i>	<b>11</b>
It's hard to walk to Davidson Middle School and San Rafael High School. <i>Es difícil caminar a las escuelas: Davidson Middle School y San Rafael High School.</i>	<b>10</b>

### Cars / Automóviles

Issue	# Respondents
There aren't enough parking spaces in the neighborhood. <i>No hay suficiente estacionamiento en la comunidad.</i>	<b>25</b>
There are very few access points into the neighborhood from other areas of the city. <i>Hay muy pocas entradas a la comunidad de otras áreas de la ciudad.</i>	<b>5</b>
It's hard to drive in to and out of the Post Office on Bellam. <i>Es difícil manejar para adentro y para afuera de la oficina de correos que esta en la calle Bellam.</i>	<b>9</b>
People drive too fast on neighborhood streets. <i>La gente maneja muy rápido en las calles de la comunidad.</i>	<b>24</b>
There is not enough notice for cars to be towed on street sweeping days. <i>No hay suficiente advertencia notificando que la grúa se llevara los carros el día que se barren las calles.</i>	<b>5</b>
I don't understand the street signs in the neighborhood. <i>No entiendo las señales de trafico en la comunidad.</i>	<b>0</b>
At the intersections, it's difficult to see people walking or bicycling through. <i>En el crucero, es dificultoso ver a la gente que pasa caminando o que va en bicicleta.</i>	<b>9</b>

# APPENDIX B

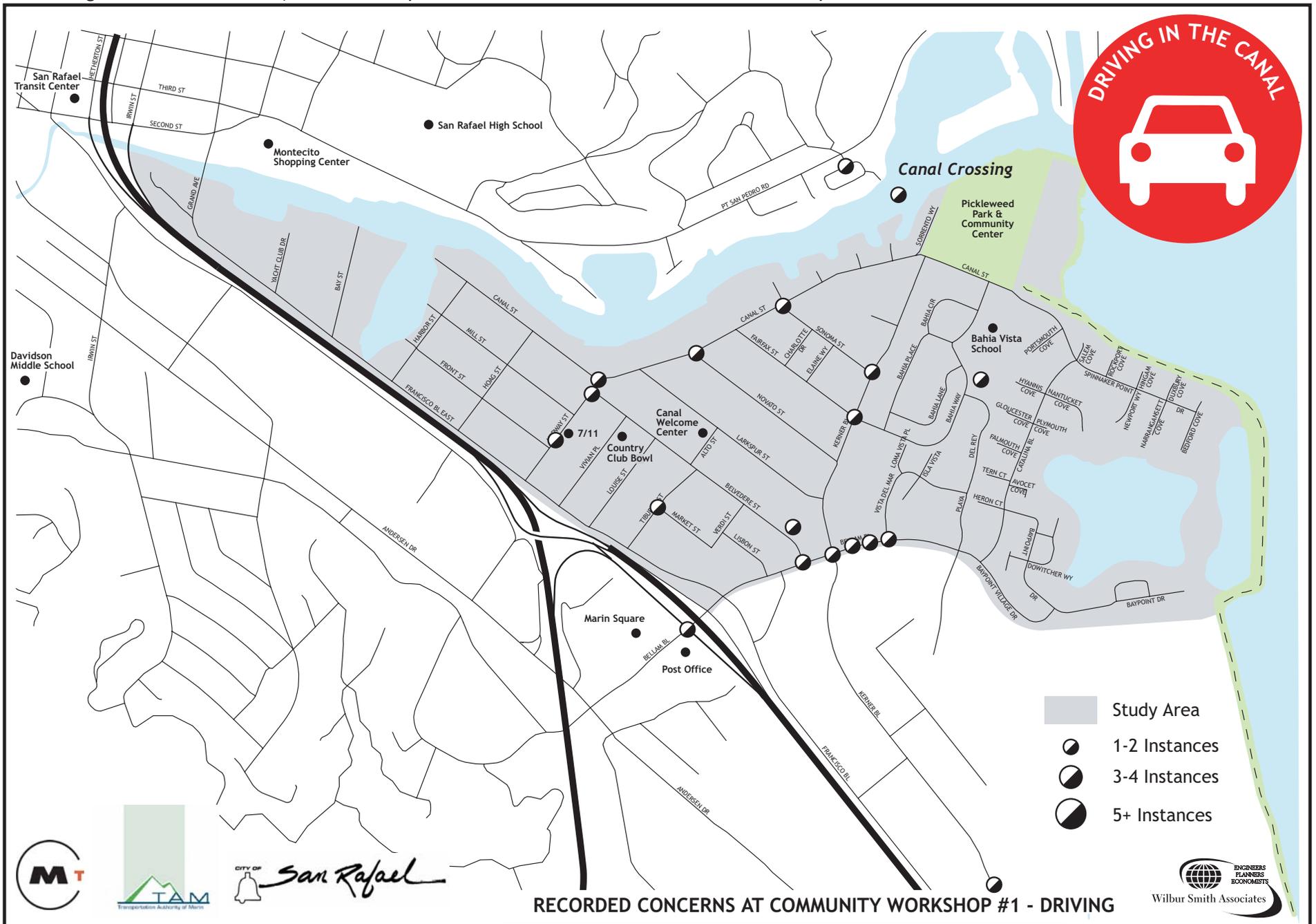
Canal Neighborhood Community - Based Transportation Plan - WORKSHOP #1 - Plan de Transportación del Vecindario de Canal con Base-Comunitaria



RECORDED CONCERNS AT COMMUNITY WORKSHOP #1 - TAKING THE BUS



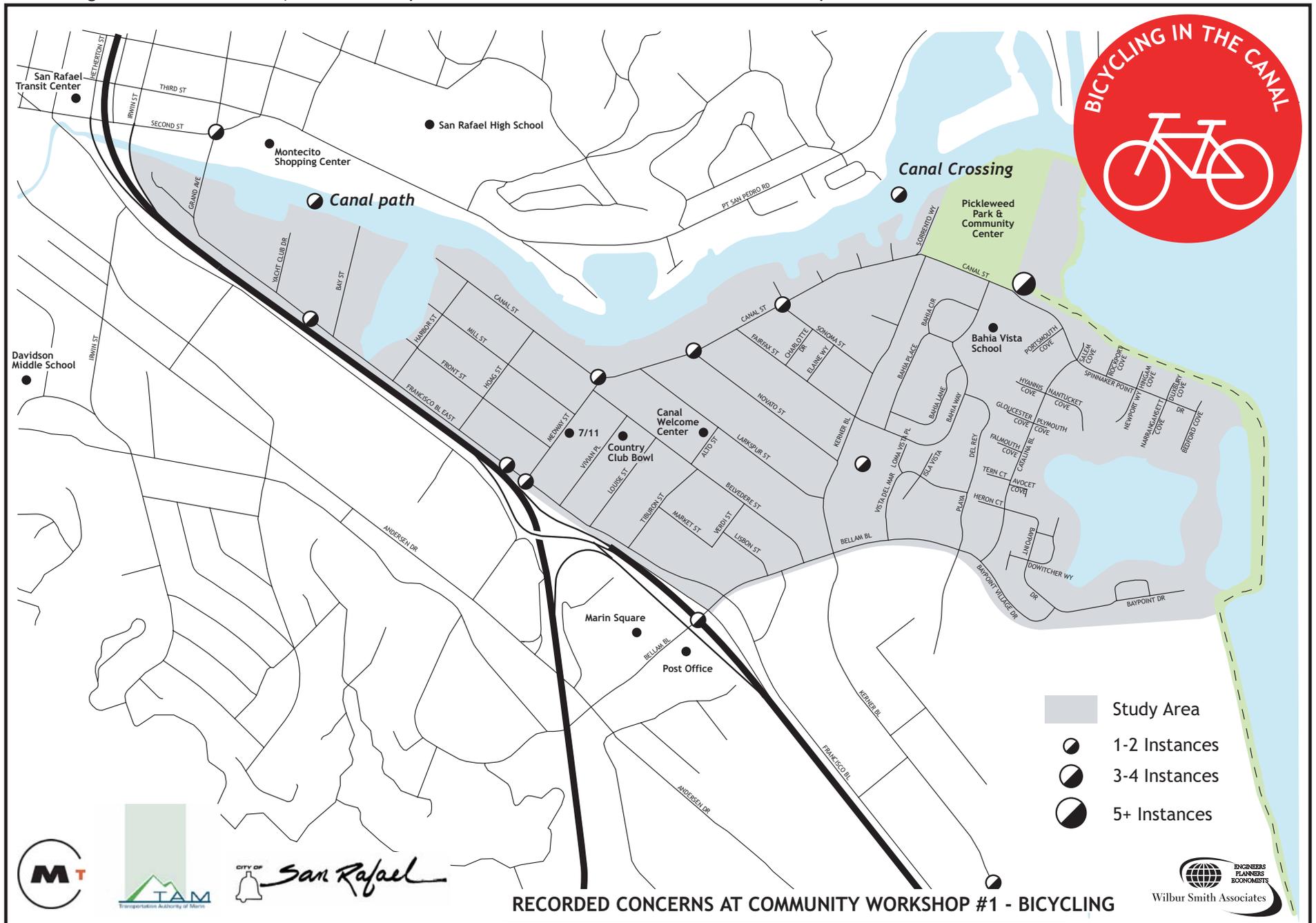
Canal Neighborhood Community - Based Transportation Plan - WORKSHOP #1 - Plan de Transportación del Vecindario de Canal con Base-Comunitaria



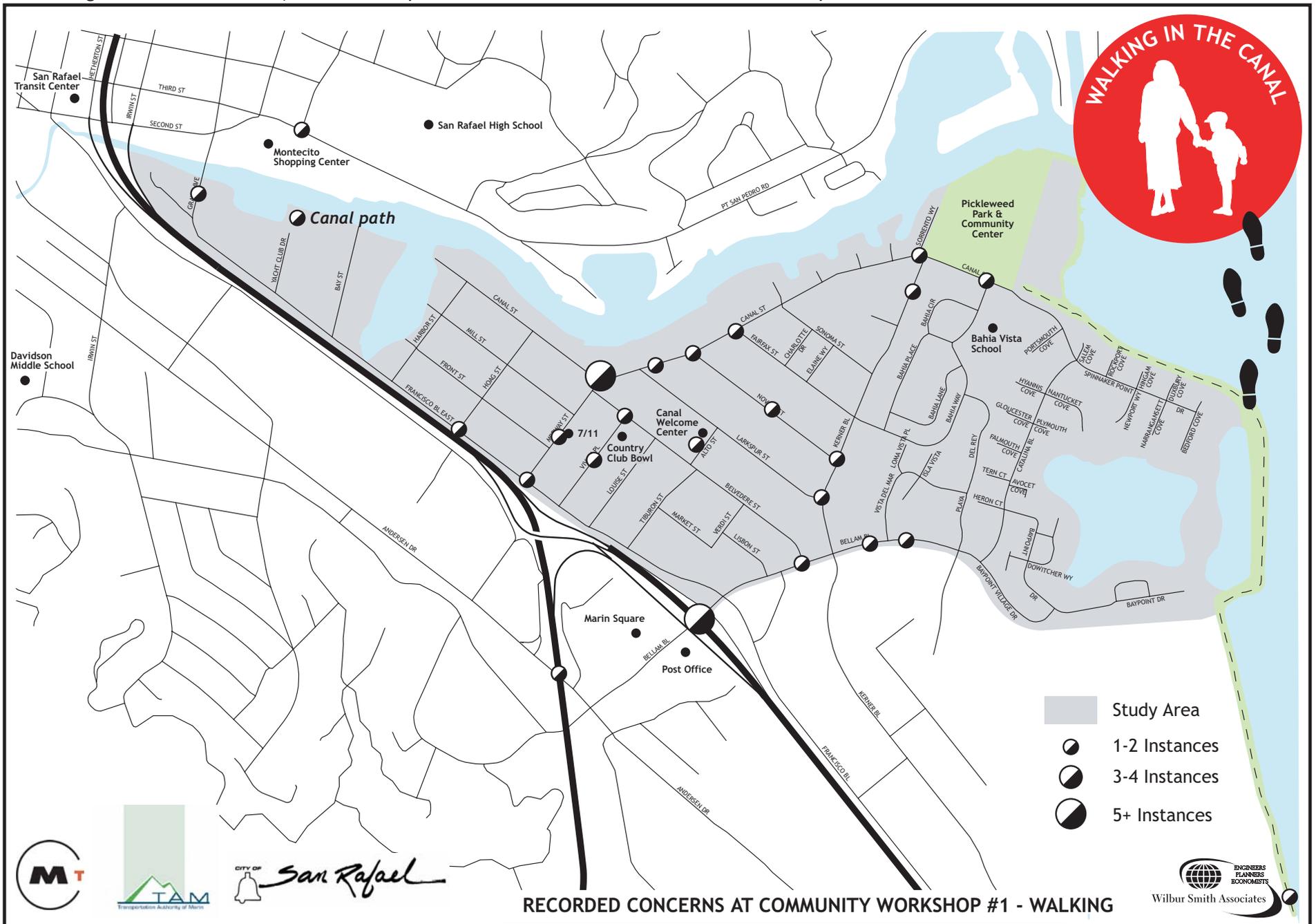
RECORDED CONCERNS AT COMMUNITY WORKSHOP #1 - DRIVING



Canal Neighborhood Community - Based Transportation Plan - WORKSHOP #1 - Plan de Transportación del Vecindario de Canal con Base-Comunitaria



Canal Neighborhood Community - Based Transportation Plan - WORKSHOP #1 - Plan de Transportación del Vecindario de Canal con Base-Comunitaria



**Appendix C - Comments from Public Workshop – February 2, 2006  
Station 3 – Traveling within the Neighborhood**

Ped	Cars do not stop to yield to pedestrians	Carros no paran cuando las personas cruzan la calle
Ped	No crosswalk @ Kerner and Novato	No hay crueros entre la calle Kerner y Novato
Ped	Bellam, Kerner and all streets are difficult, no ramps	Bellam, Kerner y todos las calles son dificiles, no hay escarpas
Ped	Feel unsafe when crossing from apartments to the bowling alley	Se siente inseguro cruzar desde los apartamentos hasta el boliche alley
Ped	Pedestrians jay walk. Especially at night! Bahia area	La gente no utilizan los crueros especialmente en la noche. Area de Bahia.
Ped	Not enough signage! Bahia area	No hay suficiente senales! Area de la bahia
Ped	Pedestrian walkway along E. Francisco Blvd. – a need for pedestrian friendly walkways along Bellam Blvd. to Marin Square (for both pedestrians and bikes)	La gente necesitan mejores caminos a lo largo de Bellam Blvd. hasta Marin Square (para los que andan y bicyclan)
Ped	Pedestrian crosswalks should be added to the intersection of Kerner/Bellam	Necesitan poner crueros para los que estan caminando entre la interseccion de Kerner y Bellam.
Ped	More trees in industrial areas on either side of Francisco Blvd.	Necesitan mas arboles en áreas industriales en los dos lados de Francisco Blvd.
Ped	Larkspur/ Kerner needs to be stop controlled because pedestrians do not feel safe crossing here, especially at night time	Larkspur/Kerner, La gente que caminan no se sientes seguro cruzando esta interseccion
Ped	Novato/ Canal needs a crosswalk, pedestrians find it hard to cross this intersection	Novato/Canal necesitan un cruzero, es dificile para la gente que cruzar esta interseccion
Ped	Canal/ Medway cars fail to yield to pedestrians despite the presence of a crosswalk. Need stop sign and enforcements.	Canal/Medway, carros no se parran a la cruzero para dejar la genta caminando cruzar. Necesitan un stop sign y reglamientos.
Ped	Ferry service across the Canal could help people access San Rafael High school and the Montecito shopping center. Very low key, cheap	Servicio de ferry que cruce el Canal puede ayudar a la gente accesar SR High School y el Centro Commercial deMontecito. Algo simple y barato.
Ped	Fairfax/Canal intersection needs a crosswalk to allow pedestrians to cross safely	Fairfax/Canal interseccion necesitan un cruzero para dejar la gente caminan con seguridad

Ped	Cars do not yield to blinking red lights on school buses, leads to near pedestrian/auto collisions	Carros no paran cuando las luces rojas estan parpadiando en los autobuses escolares, hacen pacer colisiones de la gente que cami na y de autos.
Ped	Medway, Belvedere and Canal; no crosswalks	No hay crueros suficientes en Medway, Belvedere y Canal
Ped	Medway St.: drivers don't make complete stops	Manejadores no paran completamente en los paraderos en Medway St.
Ped	Canal Street; Canal walk	Un cruzero
Ped/ Bike	Create a tunnel from Kerner to Pt. San Pedro	Crear tunnel desde Kerner hasta S. San Pedro
Ped/ Bike	Underpass for 101, north side of Andersen Blvd – it is extremely difficult to walk or ride a bike because there isn't a sidewalk despite heavy pedestrian and bicycle activity.	La calle que pasa de bajo de 101 a lado norte de Andersen Blvd., es extremamente dificile caminar o manejar bicicleta porque no hay una banqueta pero la gente sigue passando caminando y en bicicletas en fuerte actividad
Ped/ Bike	Francisco Blvd.	Francisco Blvd.
Ped/ Bike	Bellam underpass	Bellam underpass
Ped/ Bike	Francisco Blvd; sidewalk needs to be wider	Necesita ser agrandada Francisco Blvd.
Bike	Bike Lanes are needed along to Francisco St. Note: Cyclists ride on the sidewalk or very close to the curb	Lineas para bicicletas se necesitan a todo la calle Francisco. Nota: Cyclistas manejan en la escarpa o muy cerca de la curba
Bike	Accessibility across the canal is impaired by the lack of a bicycle network.	Aceso a otro lado del Canal es dificil sin un red para las biciletas.
Bike	Underpass under the railroad and 101/Bellam: the road is too narrow for cars and bicycles.	La calle que pasa de bajo de la rieles de tren y 101/Bellam: la calle es muy angosto para los carros y bicicletas.
Bike	Francisco Blvd. needs bike lanes and road repairs to accommodate the heavy bike usage.	Francisco necesitan lineas para cyclistas
Bike	Bellam Blvd. at 580 – need to install continuous bike lanes to allow cyclists access to the rest of the Canal without having to cross the freeway.	Bellam Blvd a las 580 necesitan instalar un camino desde todo el canal para que la cyclistas no necesitan passer el autopista

Bike	Bike route along Pickleweed park and community center should have easy access routes	Camino a lo largo de Pickleweed y el centro de comunidad necesitan mas facil acceso
Bike	Bikes use pedestrian cross walks at high speeds, do not signal. Safety training needed and enforcement.	Bicicletas usan los cruzaeros pero muy rapido, no hacen senales. Necesitan entranamiento de seguridad
Bus	Shuttle service from Canal area to San Pedro elementary school should be offered	Se necesita un servicio mobile desde el area de el canal hasta la escuela elementaria de San Pedro
Bus	Regular bus should be offered from the Canal to San Pedro Elementary school. Parents find it really difficult to pick up children and may wait 3 hours to arrive at school. Asked by PTA to offer some type of transit service that is accessible and affordable. Taxi service has been used and costs around \$20 from Canal area to San Pedro.	Se necesitan ofrecer un autobus desde el Canal hasta San Pedro. Es muy dificil para los padres recoger los ninos y algunos veces esperan 3 horas para llegar a la escuela. Se pide de la PTA por servicio de transito que es accesible y de bajo costa. Servicio de taxis sean estado usando y cuesta a rededor de \$20 desde el area de el Canal hasta San Pedro.
Bus	Institute a 'local fare' zone from the Canal to the Downtown where fare is reduced by 50% for trips.	Instituto de tarifa local a la zona desde el Canal hasta a centro donde la tarifa a reducido 50% por viajes
Bus	Buses running on Novato are full to capacity, we want more frequent service	Autobuses estan llenos, queremos mas servicio frecuente
Bus	Kerner Blvd congestion	Kerner Blvd trafico
Bus	Canal street, no crosswalks	No hay cruzeros
Bus	Bus schedule, time issues, takes too long	Toma mucho tiempo, tarda mucho
Bus	School bus/Canal St; needs new stop areas that are not on such busy streets	Autobuses escolares/Canal st. Calle esta muy ocupada, necesitan otras lugares para las paradas
Bus	Bus should be free from Canal to Hub, canal people would be more likely to shop in central San Rafael, \$2.00 to get downtown	Autobus necesita ser gratis de canal al centro de SR. Es \$2.00 para llegar al centro
Bus	Need smaller buses	Necesitamos autobuses mas pequenos
Bus	No bus to San Pedro School from Canal	No hay autobus de Canal a la escuela San Pedro
Bus	Canal St. Bus to SR High or downtown to too full.	El autobus esta siempre lleno
Bus	Non courteous drivers, kids miss their stops.	Conductores no son cortesiosos. Los ninos pierden su lugar de parada
Bus	Area east, south of Kerner is far from the bus stop	La area este, y sur de Kerner es lejos de una parade de bus

Bus	Few bus stops on Francisco Blvd.	Poco paradas de autobuses en Francisco Blvd
Car	There isn't enough parking for drivers (Medway, Belvedere)	No hay suficiente estacionamiento en Medway, Belvedere.
Car	Not enough street sweeping	No hay suficiente calles barridas
Car	Cars don't stop at Francisco/Medway	Carros faltan hacer los altos en Francisco/Medway
Car	Francisco Blvd: Cars double park and take up lanes on existing roadway ( autos) Bahia Area	Francisco Blvd.: Carros parquean doble y toma lineas donde la gente esta manejando (autos) Area de la bahia
Car	Motorists do not follow speed limits (25mph) they exceed the limit by 20 mph+.	Manejadores no siguen los limites de velocidad, exceden 20 millas mas de los 25.
Car	Kerner Blvd very congested between (4-5pm) as it operates as a one way street and is the only way to access the freeway (auto)	Kerner Blvd hay mucho congestion entre las 4 y 5pm y funciona solamente una linea para salir y acceder al autopista
Car	Parking availability is low along Kerner Blvd from Sonoma and Larkspur and along Canal St.	No hay mucho parqueo en Kerner, desde Sonoma y Larkspur y en Canal St.
Car	Coming from Belvedere to Bellam, it is impossible to make a right or a left	Viniendo desde Belvedere hasta Bellam, es imposible ir a la derecha o la izquierda
Car	Belvedere and Canal St, left turns are difficult	Doblar a la izquierda es dificil en Belvedere y Canal
Car	Belvedere St.: double parked cars, dangerous to walk and drive	Carros mal parquiados, peligroso caminar y manejar en Belvedere St.
All	Open Kerner to allow access to Richmond/San Rafael bridge. Could add new stores like Home Depot.	Abrir acceso de la calle Kerner hasta el Puente Richmond/SR. Puedo tener nuevas empresas como Home Depot.
All	Open Kerner to Andersen under/over 580	Abrir Kerner hasta Andersen de abajo y arriba de el autopista 580
All	Bellam Blvd. By post office, dangerous	Bellam Blvd. Peligrosa Interseccion
All	All canal streets need more lighting for pedestrians, cyclists and people waiting for the bus	Todo las calles de el canal necesitan mas luces para los que caminan, los ciclistas y la gente que espera el autobus

**Comments from Public Workshop – February 2, 2006  
Station 4 – Traveling outside the Neighborhood**

SR	Access to Montecito shopping center too limited, constant back up into area	Acceso a Montecito es muy limitado, y siempre hay mucho congestion
SR	Not enough parking spaces @ Whole Foods y Montecito	No hay suficientes espacios de parqueo en Whole Foods y Montecito
SR	East Francisco Blvd. along 101 needs higher and more solid wall/barrier. It's dangerous when weather is rainy because of traffic on other side and the reflection of lights.	East Francisco a lo largo de 101 necesitan levantar la barda/parete. Es peligrorso cuando esta llueviendo porque el trafico se refleja la luz de otro lado de la calle
SR	Better access to Montecito from the Canal- pedestrian and bikes especially.	Mejor acceso desde Montecito hasta el canal para los que caminan y cyclists
SR	Bike lane needed on E. Francisco	Necesitan lineas para cyclists en la calle E. Francisco
SR	Last bus is at 5pm from Dominican University. Need longer hours there. Need Grand Ave. bus stop	El ultimo autobuses esta a las 5pm desde Dominican University. Necesitan mas horas y una parada de bus en Grand Ave.
SR	Access from 3 <sup>rd</sup> Street to Canal/East Francisco Blvd. is unsafe, need to get off E Francisco - bridge across Canal	Acceso desde la calle tercera al Canal/Este Francisco Blvd. es inseguro, necesito quitarse de E Francisco Puente que cruza el Canal
SR	Access to Northgate- need more buses on Saturday and Sunday	Acceso al Northgate, necesita mas servicio de autobuses en Sabados y domingos
SR	Central San Rafael by Citibank. Problem starts at Montecito: congestion and traffic lights are bad, not synchronized 7 – 8 am. Terrible	Centro SR cerca de Citibank. Problema empieza en Montecit: congestionamiento y las luzes de trafico no son sincronizados, 7-8am, es terrible!
SR	Wider sidewalks for bike usage along East Francisco Blvd.	Caminos mas ancho para cyclists a lo largo de East Francisco Blvd.
SR	Create a pedestrian bike walk along the Canal, or a bridge.	Crear un paseo los que andan y las bicicletas a lo largo del Canal, o un puente
SR	Free buses from Canal to Hub and back again	Autobuses gratis desde el Canal hasta el hub y regreso
SR	Free transportation from Canal to Hetherton	Gratis transportacion del Canal a Hetherton
SR	Kaiser Terra Linda	Llegar a Kaiser Terra Linda

SR	Northgate Mall	Llegar al mall
SR	Coming from Andersen bike lane to Mahon class 1 pathway: have problem accessing path. Check accessible ramp/curb ramps on Andersen.	Viniendo desde Andersen, en la linea de bicicletas hasta Mahonm tiene problemas accedando el pasillo. Chequear la accesibilidad de las curbas y rampas en Andersen.
SR	Pedestrian bridge for overcrossing to Borders and Toys R Us.	Un Puente para Borders y Toys r us.
SR	Bridge to Downtown SR	Un Puente para el Downtown SR
SR	East Francisco sidewalks are too narrow and not accessible	Las banquetas de E Francisco son muy angosto y no son accesibles
SR, Marin	More scheduled buses from the Canal to Sausalito and Terra Linda	Mas horarios de autobuses desde el Canal hasta Sausalito y Terra Linda
Marin	Mill Valley to Stinson Beach, especially Sunday and Holiday	Mill Valley hasta la playa Stinson, especialmente los Domingos y días festivos
Marin	Canal to College of Marin	Canal hasta el Colegio de Marin
Marin	To DMV in Novato/Corte Madera	Hasta el DMV in Novato/Corte Madera
Marin	Hamilton – Bus. Not enough stops inside the development. Drops off outside	Hamilton, autobuses no hay suficientes paradas a dentro de la comunidad, te dejan a fuera
Marin	Need service to Sleepy Hollow, 7:30am-3pm for workers	Necesitan servicio in Sleepy Hollow, 7:30-3pm para los trabajadores
Marin	Marin General	Llegar al hospital general
Marin	There isn't good transportation from College of Marin to the Canal	No hay buena transportacion a la Colegio de Marin del Canal
Marin	Not enough buses to get to the College of Marin	No hay autobuses suficientes para llegar al Colegio de Marin
Marin	There aren't buses that go to the College of Marin	No hay autobuses que viajan a la Colegio de Marin
Marin	Need more buses that go to the College of Marin	Necesitan mas autobuses que viajan a la Colegio de Marin
Marin	No bicycle racks on buses, except 45" buses on Transbay buses.	No hay racas para bicicletas en los autobuses excepto #45 que pasa en el otro lado de la bahia

Marin	More bicycle racks on GG buses	Mas racas para bicicletas en los autobuses GG
Marin	Aggressive bus drivers from the Canal to Hetherton and Mill Valley	Conductores agresivos desde el Canal hasta Hetherton y Mill Valley
Region	Richmond/San Rafael Bridge	Puente de Richmond/San Rafael
Region	Ditto Richmond, San Rafael Bridge. I have to drive over the bridge and park my car so I can bike to work in Berkeley.	Necesito manejar en el Puente y parquiar mi carro y asi poder manejar mi bicicleta a mi trabajo
Region	Transportation problems to get to Richmond	Problemas de transportacion a Richmond
Region	Buses leave too early from SF to Marin	Autobuses se van muy temprano desde SF hasta Marin