
November 2011 Open Houses and Survey Summary

November 2, 2011
(4:00 p.m. – 7:00 p.m.)
Aloha High School
18550 SW Kinnaman Rd.
Beaverton, OR 97007

November 8th, 2011
(4:00 p.m. – 7:00 p.m.)
Hillsboro Civic Center
150 E Main St.
Hillsboro, OR 97124



As the TV Highway Corridor Plan completes the existing conditions phase of the project, the first series of public Open House events were held on November 2nd, at Aloha High School, and November 8th, and the Hillsboro Civic Center.

The purpose of the open houses was to provide a forum for community members to learn about the project, review the draft project goals, review existing conditions findings, and

to provide their input to project staff. The Oregon Department of Transportation, City of Hillsboro, Washington County, and consultant project team members staffed the meetings.

For both events, open house participants were greeted at a sign-in table by project staff and were provided with meeting information, project surveys and comment cards. A Spanish interpreter was available at both events and had Spanish newsletters and project surveys available. Childcare was provided at the November 2nd event by the Aloha High School Little Warriors program.

The Open House on November 2nd was a joint event with the Aloha Reedville Study and Livable Community Plan. Altogether, 112 people signed in for the joint event. Each project was in a separate area in the high school commons. Two short presentations were given at 4:30 p.m. and 6:00 p.m. and provided an overview of each project and a question and answer period.

Seventeen people signed in at the November 8th Open House in Hillsboro.

Notification

Both open houses were publicized through a newsletter that was mailed to residents living within a quarter mile of TV Highway and emailed to community members on the Aloha Reedville and TVCP

interested parties lists. Additionally, the events were advertised on the project websites (www.tvhighway.org and www.co.washingto.or.us/alohareedville), through news releases issued by ODOT and Washington County, as well as on display ads in the Hillsboro Argus, El Hispanic News and Beaverton Times. Spanish newsletters were provided to community organizations for distribution.

Information Stations and Materials

The information stations and materials at the open houses included:

- **What We've Heard:**

Featured community feedback collected on the project to date and included a colorful Wordle image, a collage of the key words and themes brought up most by the public.

- **Project Overview:**

Highlighted the project purpose, draft goals, and schedule. A flip chart was provided for the public to write comments.

- **Geographic Area Issues Maps:**

Displayed the project area in two sets of four segment maps – one set was hung on a wall for discussion and the other set was displayed on tables and the public was encouraged to provide written comments on the map. The four segment maps were 1) West end to Brookwood; 2) Brookwood to 209th; 3) 209th to 170th; and 4) 170th to Cedar Hills Blvd.

Maps also indicated the following issues and points of interest in the study area:

- Corridor segments without sidewalks
- Corridor segments without pedestrian crossings
- Signalized intersections
- Intersections with high crash frequency
- TriMet bus routes
- Railroad crossings

Project staff received many comments from the public on issues and areas of opportunity for TV Highway.

- **Arterial and Throughway Maps:**

Segmented maps and overlays illustrated arterial and throughway information for the section of TV Highway from Brookwood to Murray. The map overlays displayed conceptual right-of-way impacts for a potential 6-lane throughway option plus conceptual impact areas where grade-separated intersections may be considered at the TV Hwy intersections with Cornelius Pass Road, 185th Avenue and Murray Road. Input was provided by meeting participants on the maps.



- **TV Highway History:**
Presented timeline highlights with photos and article headlines.
- **Spanish Interpreter:**
Materials included Spanish translated newsletters and feedback surveys.
- **Public Comment Area:**
Comments sheets and feedback surveys were provided.

Community Feedback

The following are the common themes and comments received by meeting participants:

1. Improve mobility and accessibility

- A left turn signal at TV Highway and 209th would be very beneficial.
- Need for bus stops and service on 170th in both directions.
- More north/south bound connections may relieve some of the traffic on TV Highway.
- Half mile queue north bound in the a.m. and p.m. rush hour: 209th, 198th and 170th.
- Don't widen TV Highway- too hard to cross today for pedestrians, bikes, and cars.
- The flashing yellow arrows (at 229th and TV Highway) are helpful.
- Remove many direct access driveways.

2. Enhance safety for all users and modes

- Add buffered bike lanes and sidewalks.
- Need a sidewalk on Blanton.
- Add more sheltered bus stops.
- There should be more signalized crosswalks.
- Need better safety education for all modes (bikes/ pedestrians/ drivers)
- Consider the addition of bike boxes.
- Biking doesn't feel safe on TV Highway – need more east/west connections off the highway as safe alternate routes.
- The intersection of 209th and TV Highway is missing stripes for bike lanes, making it hard to navigate (especially at night when rainy)
- Add a walkway for pedestrians along railroad.
- Increase the number of covered and lighted bus shelters so riders are visible.
- Install cameras to prevent taggers at bus stops.
- Need additional street lights.
- Pedestrian signals are not visible to cars.
- It is challenging for wheelchair users to cross at 44th and TV Highway and at 209th and TV Highway.

3. Reduce vehicle miles traveled

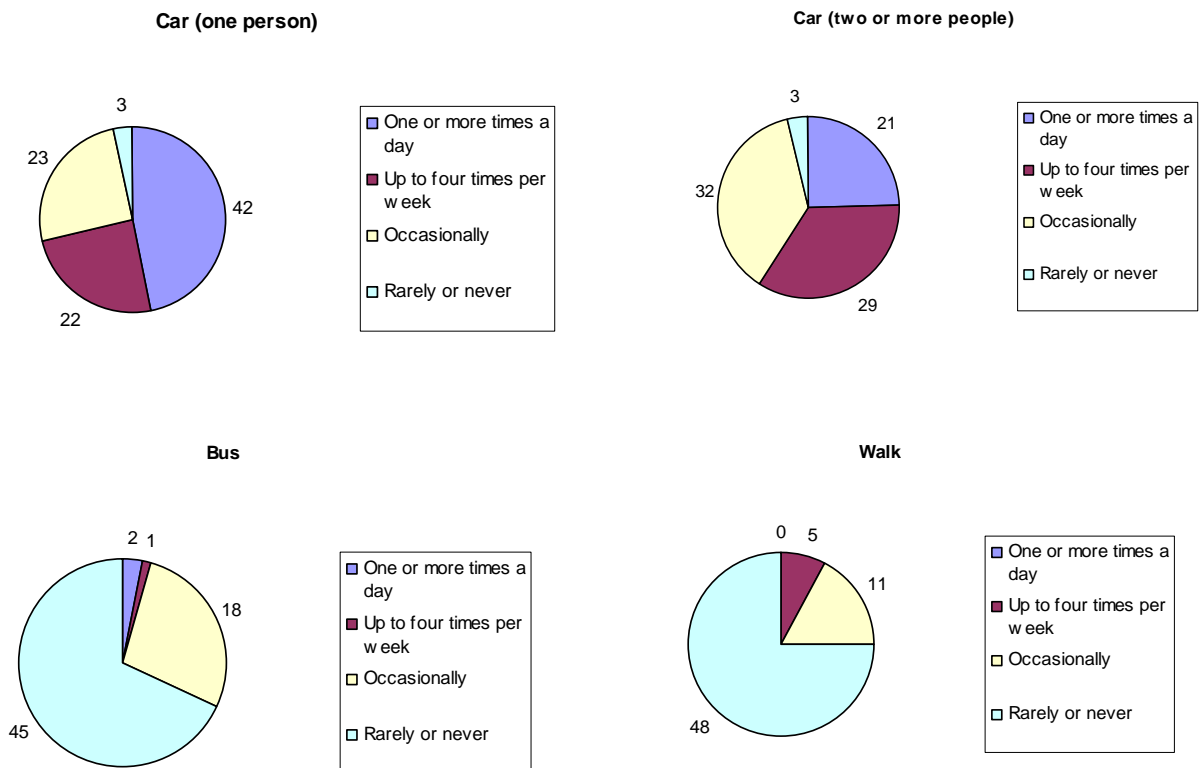
- Consider bike rental and storage near transit stops.

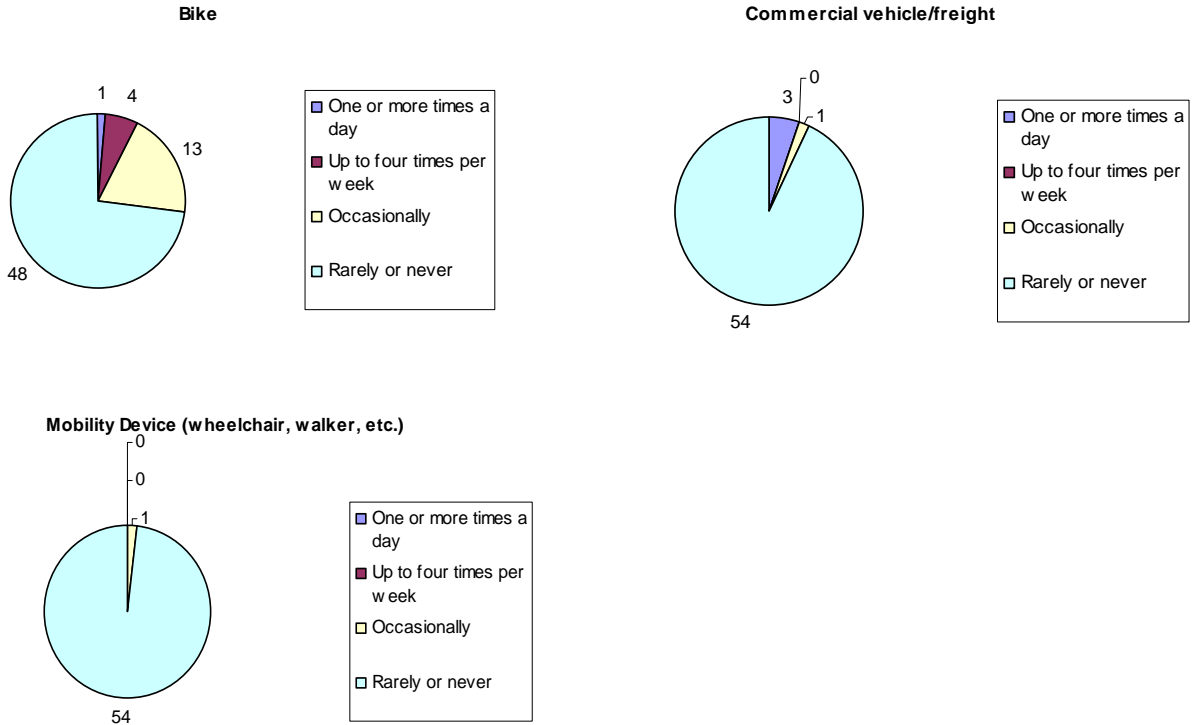
- Commuter Rail like WES would be good.
 - Improve pedestrian access to transit.
 - Need for better north/south connectivity on bus route #88.
- 4. Be consistent with state and regional strategies to reduce GHG emissions**
- Consider utilities long range plans for the area (BPA, PGE, NW Natural, sewer)
 - Potential for high capacity lane.
- 5. Strengthen and support economic vitality**
- Improve the back access to businesses (by Alexander and 185th)
 - The Aloha area needs economic development.
- 6. Improve visual appearance & strengthen community pride**
- Provide uniformity of commercial building codes.
 - Aesthetics are degraded, empty lots, vacant store fronts - not an attractive destination.
 - There is community interest in maintaining landscaping.
 - Spruce up the property along the railroad.
 - Consider undergrounding wires and adding trees in front of businesses.
 - Street trees are needed to: reduce crime; enhance property values; improve businesses; calms traffic; improves livability.
 - Improve capacity without losing historical flavor.
- 7. Promote environmental stewardship**
- More vehicle charging stations along TV Highway.

Survey Results

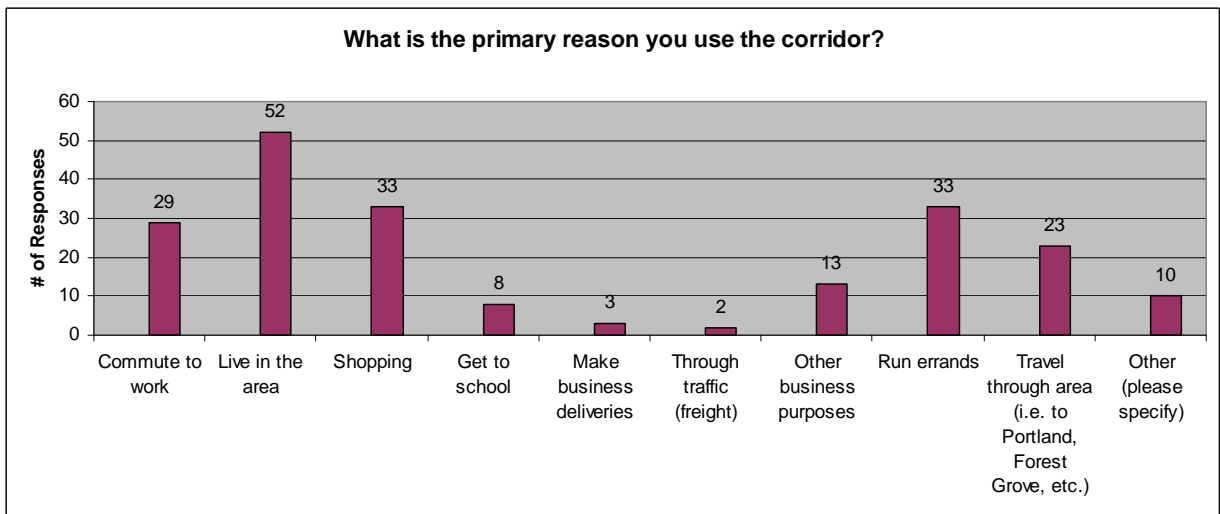
A project survey was provided at the open houses and was available on the project web site from November 2nd – 27th. The survey received a total of 112 participants; however results for each question have been analyzed based on the number of responses to that particular question as not all questions required an answer. Additionally, survey questions may be specific to only TV Highway or the entire TV Highway corridor study area. Unless the question asks about the corridor or study area specifically, the question relates to conditions on TV Highway only.

- 1) Out of a total 107 responses, when participants were asked how they normally travel on TV Highway and how often, the most common response was that participants *travel by themselves at least one or more times a day*. The following charts show how often participants use each type of travel option. Each chart is broken out by transportation mode, showing the frequency that each mode is used (with the response count).





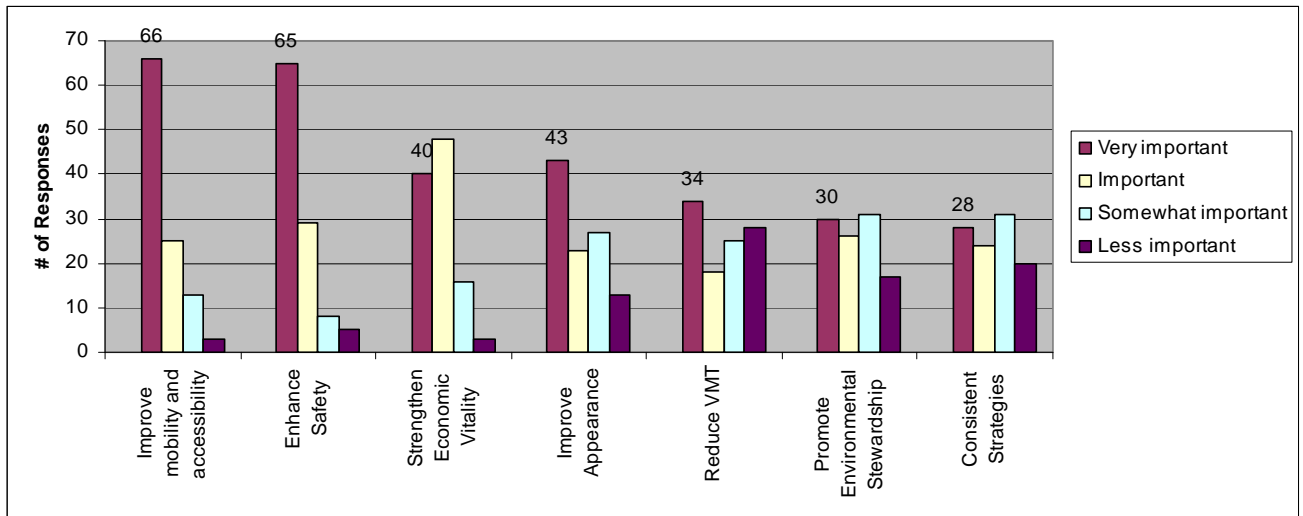
2) When asked what the primary reason is for participants to use the study corridor, the most popular response was that respondents *live in the area*. The second most popular response was tied between *shopping and running errands*. The third most popular response was *commute to work*).



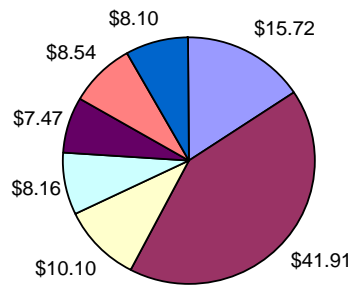
There were also several responses for “Other”, which included buying food, visiting with friends and family, and that some participants work requires them to use the corridor.

3) Participants were asked how important the TV Highway Corridor Plan project goals are to them. Of 107 total responses, community members responded that the the following two goals are most important:

- Improvement of mobility and accessibility for travel by walking, bicycling, transit, auto, and freight (both truck and rail) for people of all ages and abilities to a variety of destinations for work, play, school, community services and activities, etc.
- Enhance safety for all users and modes along and across TV Highway all hours of the day by providing safe and comfortable facilities for walking (including mobility devices), bicycling and using transit with complete and direct routes connecting residents to a variety of destinations



4) Participants were asked, if they could spend \$100 on the TV Highway project, how they would allocate it. On average, respondents decided they would spend almost half of the \$100 (\$41.91) to *improve traffic flow*. The second most popular priority is to *complete gaps in sidewalk system* and the third most popular response was to *improve the visual appearance of TV Highway*.

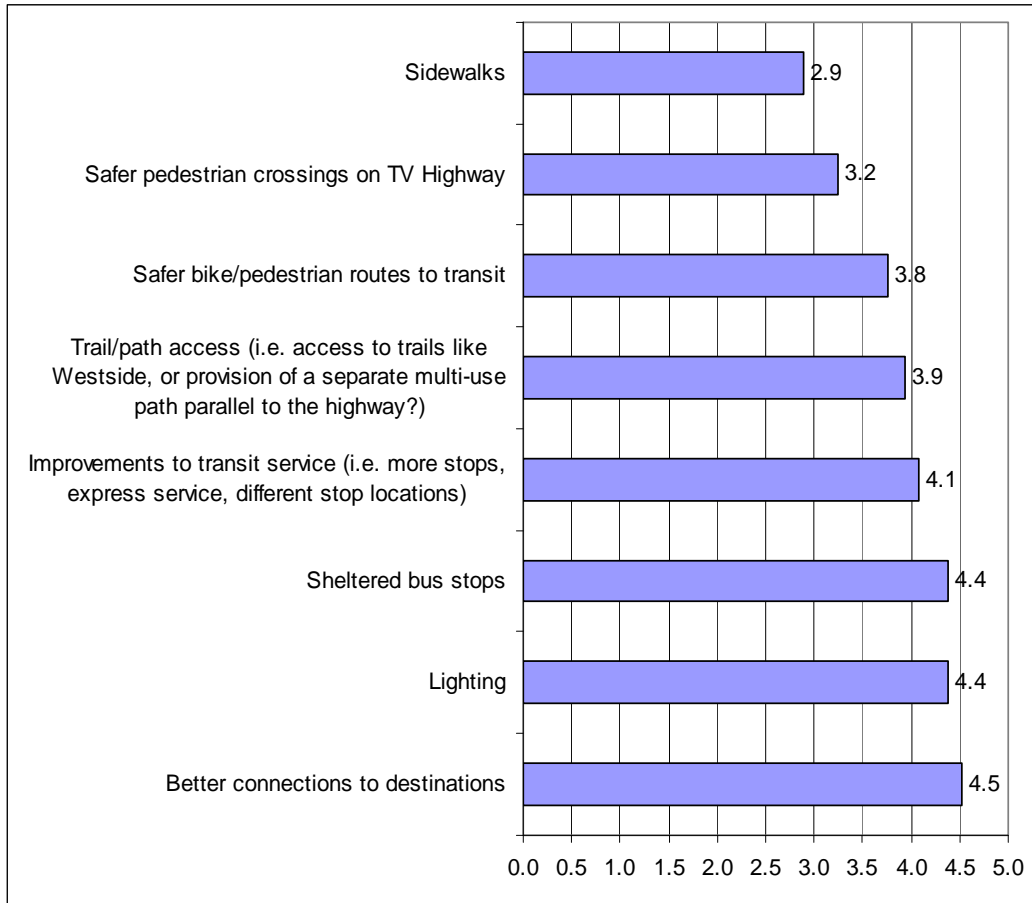


- Complete gaps in sidewalk system.
- Improve traffic flow (i.e. better signal timing, additional travel lanes, turn lanes).
- Visual appearance (i.e. more trees and landscaping, fewer signs).
- Reduce number of driveways and turn movements.
- Improve transit service (i.e. more stops, express service, different stop locations).
- Improve bike/pedestrian access to transit.
- Improve bike/trail access.

5) When asked what the top 3 locations on TV Highway (i.e. intersections, segments of the highway) should be improved first, respondents overwhelmingly responded that the intersection of *TV Highway and 185th* (65 responses) should be focused on. Other intersections and segments of TV Highway that were mentioned included *209th* (30 responses), *170th* (20 responses), *229th* (20 responses), and *Cornelius Pass* (17 responses).

6) Participants were asked which, if any, improvements to TV Highway would decrease their use of a car and increase their use of alternative transportation (transit, biking, walking). The question asked them to rank the solutions (shown below in chart) in order from 1 – 8, where 1 was most important, 8 was least important.

Overall, the majority of responses revealed that improvements to pedestrian infrastructure would influence many community members to reduce their driving. Responses show that *sidewalks* (average response of 2.9) and *safer pedestrian crossings* (average response of 3.2) along TV Highway would in fact reduce participant driving on the corridor. That said, 45% of survey participants responded that none of the improvement choices would alter the amount they drive along TV Highway.



Note: The improvements in the chart with the lowest values are those that participants felt are most important to reducing their use of a car.

7) Participants were asked why it is frustrating to travel on TV Highway and while the responses were wide ranging, there were some common themes. Out of 90 total responses, the following key words were most prevalent:

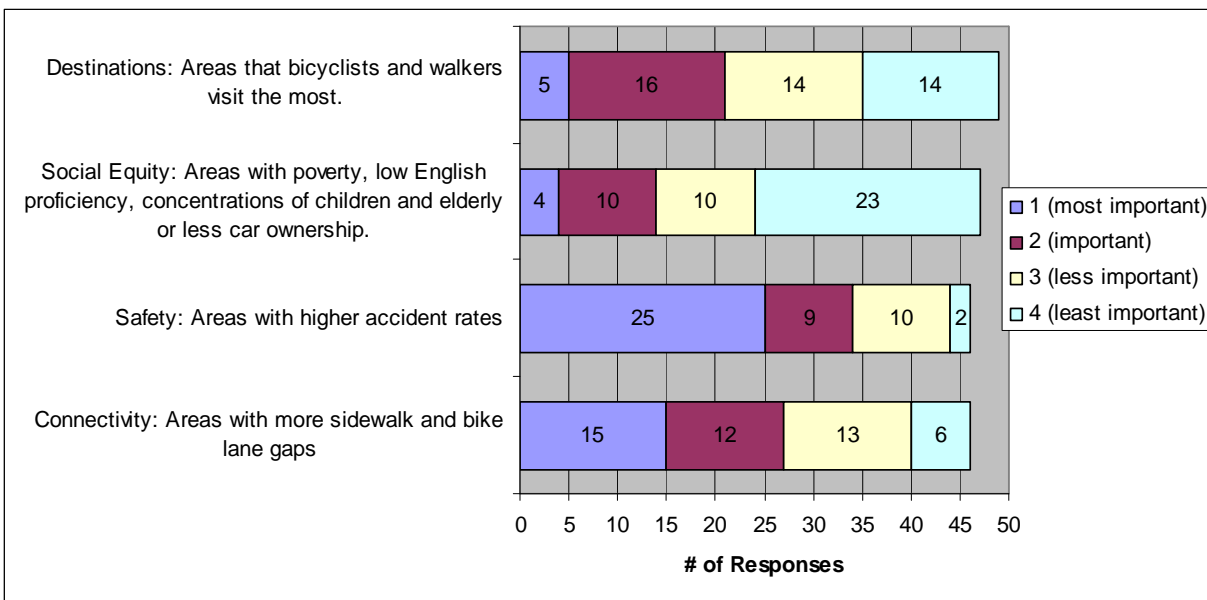
- Signals/ Lights (64 times)
- Traffic (36 times)
- Pedestrian/ Sidewalks/ Crosswalks (36 times)
- Bus/ Transit (21 times)
- Turn (17 times)
- Speed (12 times), yet “slow” was mentioned 7 times and “fast” was mentioned 6 times, so it can be argued that not everyone shares the same frustrations around the speed of traffic along TV Highway
- Congestion (11 times)
- Bike/ Bicycle (10 times)

8) Participants were also asked if the project team should know anything else about transportation in the target area. Most of the responses to this question offered specific

solutions which will be captured in the project comment log., The following terms and comments were prevalent in the survey responses we received (out of 58 total responses):

- Bus (12 times): Most common comment was that there should be improved connectivity on bus routes.
- Bike/ Bicycle (10 times): Most common comment was that there is a need to increase/improve bike lane connectivity and safety.
- While “Light” (10 times): Most comments expressed the need for increased street, sidewalk, and pedestrian crossing lighting instead of “traffic light”.
- “Crosswalks” (9 times): Comments referred to the need for increased/improved and safer crosswalks.

9) Community members were asked to prioritize improvements that would complete the bike and pedestrian system along TV Highway. The improvements were ranked in order of importance from 1 – 4, where 1 was the most important and 4 was the least. *Safety* was ranked as being the highest priority (with the most responses, 25, for 1 “most important”), followed by *connectivity*, then *destinations*, and finally *social equity*.



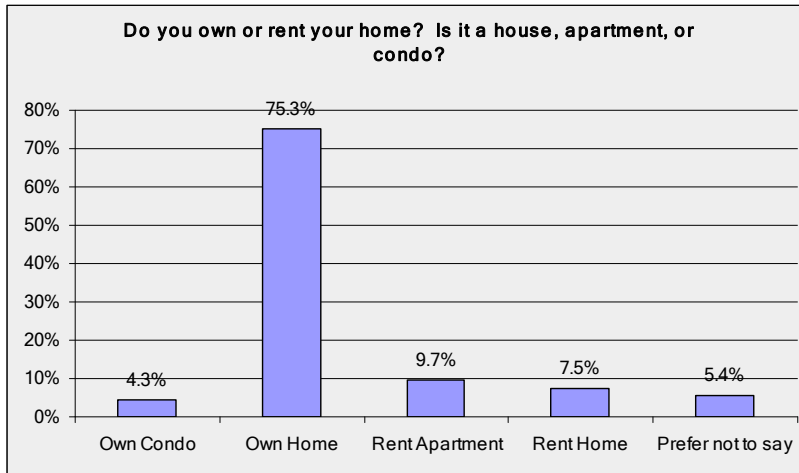
Demographics of Survey Participants:

10) The median age of participants is 53 years old.

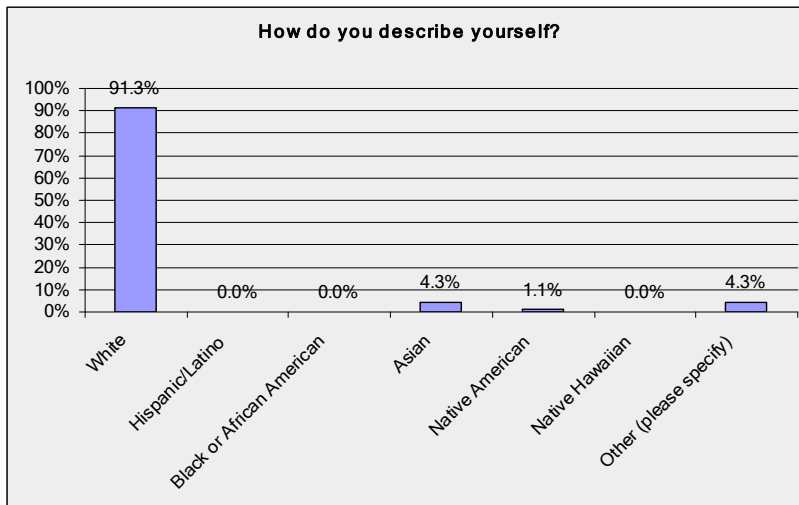
11) Out of 93 responses, 53% of participants were male and 47% were female.

12) Out of 93 responses, 9% of participants are disabled, while 89% were not, and 2% of participants preferred not to say.

13) The following chart shows the housing status of survey participants:



14) The following chart shows the self-identified race of survey participants:



15) When asked what language(s) are spoken at home, only 8 of 85 participants responded that any other language other than English is spoken at home.

16) The average amount of years that survey participants have lived in the project area is 16 years.

Appendix A: Survey Questions



TV Highway Corridor Plan Survey

Thank you for participating in this survey. Your feedback will contribute to planning strategies for the TV Highway Corridor Plan.

1. How do you normally travel on TV Highway, and how often?
(check all that apply)

	One or more times a day	Up to four times per week	Occasionally	Rarely or never
Car (one person)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Car (two or more people)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bike	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial vehicle/freight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobility device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. **What is the primary reason you use the corridor?** (choose only one)

- Commute to work
- Live in the area
- Shopping
- Get to school
- Make business deliveries in the area
- Other business purposes
- Run errands
- Travel through area
- Other (please specify)

3. Goals and Objectives describe the desired outcomes of the project. The draft Goals are listed below. How important is each goal to you? (select one response per row)

	Very important	Important	Somewhat important	Less important
Improve mobility and accessibility for travel by walking, bicycling, transit, auto, and freight (both truck and rail) for people of all ages and abilities to a variety of destinations for work, play, school, community services and activities etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enhance safety for all users and modes along and across TV Highway all hours of the day by providing safe and comfortable facilities for walking (including mobility devices), bicycling and using transit with complete and direct routes connecting residents to a variety of destinations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strengthen and support economic vitality .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improve the visual appearance of TV Highway to create a welcoming environment that the community takes pride in and enhances community identity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduce overall and per capita vehicle miles travelled (VMT) by encouraging people to more efficiently use auto trips and increase walking, bicycling and using transit for local and regional trips.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Promote environmental stewardship by enhancing natural system constructing improvements that minimize run off and respond to changing environmental conditions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Be consistent with state and regional comprehensive strategies to reduce greenhouse gas (GHG) emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. If you had \$100 to spend on improving TV Highway, how would you spend it?

Complete gaps in sidewalk system	\$____
Improve traffic flow (ie better signal timing, additional travel lanes, turn lanes]	\$____
Visual appearance (ie more trees and landscaping, fewer signs)	\$____
Reduce number of driveways and turn movements	\$____
Improve transit service (ie more stops, express service, different stop locations)	\$____
Improve bike/pedestrian access to transit	\$____
Improve bike/trail access	\$____
Total	\$100

5. What are the top three locations on TV Highway (ie intersections, segments of the highway) that you would improve first? Why?

6. Would any of the following improvements for TV Highway decrease your use of a car and increase your use of alternate transportation (transit, biking, walking)?

	Rank in order from 1 – 8 (1 being most important, 8 being least important)
Sidewalks	
Lighting	
Sheltered bus stops	
Safer pedestrian crossings on TV Highway	
Improvements to transit service (ie more stops, express service, different stop locations)	
Better connections to destinations	
Trail/path access (ie access to trails like Westside, or provision of a separate multi-use path parallel to the highway?)	
Safer bike/pedestrian routes to transit	
Check this box if none of the above will decrease your use of a car	

7. Traveling on TV Highway is frustrating because...(fill in below)

8. Is there anything else we should know?

Please help us evaluate our attendance at today's event.

1. Who was not here today that should be?
2. Why aren't they here?
3. How could we involve them in the future?

The following questions will help us track who participates in this process. Your answers will be kept anonymous and only used to improve the diversity of participation in this study. These questions are optional.

1. In what year were you born?

2. What is your gender
 - Male
 - Female
 - I'd prefer not to say
3. Are you disabled?
 - Yes
 - No
 - I'd prefer not to say
4. What is your current housing situation?
 - Own Home
 - Own Condo
 - Rent Apartment
 - Rent Home
 - Prefer not to say
5. How do you describe yourself?
 - White
 - Native American
 - Hispanic/Latino
 - Native Hawaiian
 - Black or African American
 - Asian
 - Other _____

6. What language(s) does your family speak at home?

7. How long have you lived/worked in project area?

____ years