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BROADWAY CORRIDOR STUDY

Public Outreach Report



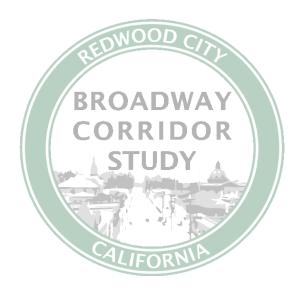
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Rendition of Aerial View of Broadway (1911)

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BROADWAY CORRIDOR STUDY

PUBLIC OUTREACH REPORT



March 2014

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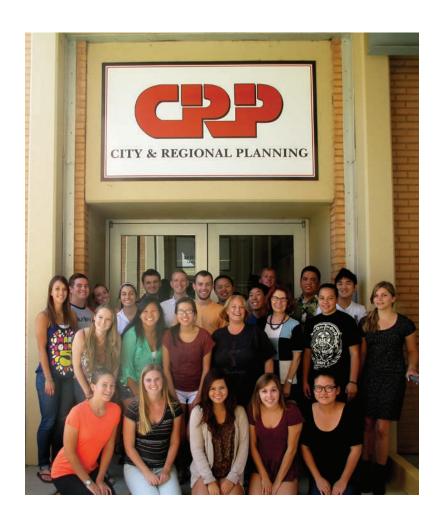
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PREFACE

The Broadway Corridor Study Public Outreach Report summarizes the public outreach efforts conducted as part of the process to develop alternative concepts for future development and circulation along the Broadway Corridor in Redwood City, California. These efforts were conducted as a class project by fourth year students in the City and Regional Planning Department at California Polytechnic State University from September of 2013 to March of 2014.

This planning effort was conducted with financial assistance and cooperation with the City of Redwood City Community Development Department. The Project Team members would like to extend their appreciation to all individuals and groups that have offered their guidance throughout this endeavor, especially: Diana O'Dell, Blake Lyon, Bill Ekern, Jessica Manzi, John Donahoe, and all citizens who provided valuable assistance and feedback throughout the entire outreach process. A special thanks goes to our faculty advisor Zeljka Howard.



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EXECUTIVE SUMMARY

The Broadway Corridor Public Outreach report summarizes the public outreach efforts conducted by the Cal Poly Team between October of 2013 and March of 2014, and the community comments and suggestions coming out of these efforts. The public outreach process involved four events, including a Community Discussion and several Mobile Workshops (November 2, 2013); stakeholder interviews (November 1, 2013); discussions with community organizations (December, 2013 through January, 2014); a Community Opinion Survey conducted at the first Public Workshop and on the project's website; and an Open House with City staff (February 7, 2014). The suggestions offered by Redwood City community members at these outreach events provided valuable insight for the development of the vision and planning goals for the potential development of the Broadway Corridor.







The common themes heard from stakeholders and community members are discussed below.

GATEWAY FEATURES

Community members and stakeholders envisioned the Broadway Corridor as the "gateway" entry into the City, complete with an attention-grabbing sign or public art piece. Currently the "unclean industrial vibe" in the Corridor creates a lackluster environment, which is aesthetically unappealing as a gateway into the City.

DISTINCT IDENTITY/ VISUAL APPEAL

Participants noted that the Corridor currently lacks "street character," and a distinct identity from Downtown. The Corridor is not considered a "destination" for most visitors, and does not have a cohesive urban form. Many participants suggested the need for improved streetscaping and with the addition of street trees, safety lighting, and street furniture, which would help to transform the Corridor into a unique and pedestrian-friendly location.

TRAFFIC & SAFETY

Current traffic speeds on Broadway, unmarked bike lanes, a lack of pedestrian crossings, and peak-hour traffic congestion at the Woodside/Highway 101 intersection cause several

safety issues for pedestrians, bicyclists, and drivers alike. Many participants noted these issues, and discussed how a reorganization of the street and the addition of safer bike and pedestrian infrastructure could help mitigate incidents in the Corridor.

INFILL & MIXED-USE DEVELOPMENT

With Downtown and the Stanford in Redwood City development as natural anchor points, many community members mentioned infill and mixed-use development as the key to revitalizing the Corridor. Many people stated they would like to see more retail, dining and food services, entertainment, and open space amenities to attract more people to the Corridor. Participans also emphasized the inclusion of affordable or higher density housing for the local workforce, students, and seniors.

TRANSIT FEASIBILITY

Many participants envisioned a new bus rapid transit line or streetcar that would run down the Broadway Corridor and feed into the Downtown Caltrain station. Public transit options would help enhance connections throughout the Corridor, and would increase accessibility for small businesses and residences along the street. However, many stakeholders wanted Project Team members to consider the feasibility of such projects, including the funding source and potential maintenance issues.

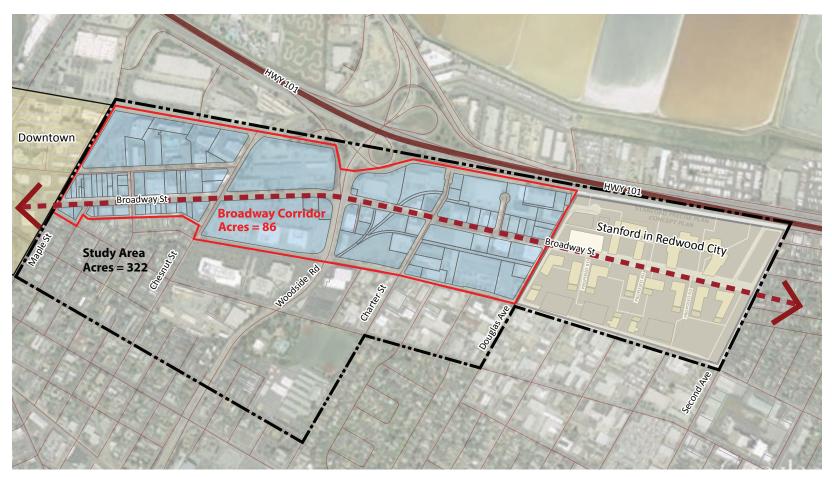


Figure 1. Location Map



INTRODUCTION

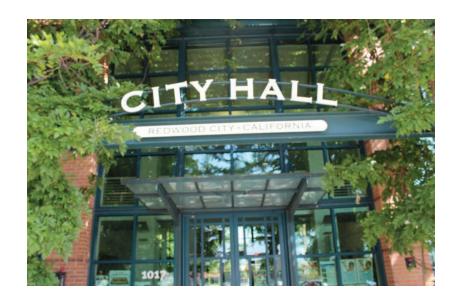
The City of Redwood City is considering options for land use and roadway design for a segment of the Broadway Corridor between Downtown Redwood City and the Stanford in Redwood City development (Figure 1). As the defining street in Downtown Redwood City and a connection between two important employment districts, the City's vision for the Broadway Corridor is to enhance mobility to allow better movement between the districts for pedestrians, transit riders, bicyclists, and drivers, and to create new business and living opportunities (Redwood City General Plan). Since those who live and work in and around the Broadway Corridor will be the ones most affected by future development in the area, they have played a significant role in providing information about the community's values and priorities throughout this planning process.

This Public Outreach Report summarizes the various outreach efforts and the myriad of community comments resulting from such efforts. A comprehensive description of the final land use and circulation concept alternatives can be found in the Broadway Corridor Study Report. The public outreach process consisted of four events, including a Community Discussion and several Mobile Workshops conducted on November 2, 2013. Stakeholder interviews were conducted on November 1, 2013, and discussions

with several community groups were held throughout December of 2013 and January of 2014. In addition, a Community Opinion Survey was posted on the project's website and received over 400 responses. Finally, an Open House with City staff and stakeholders was held on February 7, 2014 to receive feedback on the various alternative concepts. A combination of printed flyers, emails, a project website, and social media were used to publicize these various outreach efforts.

In reviewing and summarizing the numerous comments made by staff, stakeholders, and community members, common assets, challenges, and visions were identified, and the Cal Poly Team used those comments to define project goals, objectives and policies for the future development of Broadway Corridor. This Outreach Report and the final product of the overall planning project will be used by the City staff at a later time as a source of ideas for addressing development potential of the Broadway Corridor. The Appendix of this report includes the community opinion survey and images of maps and posters used at workshop events.







STAKEHOLDER INTERVIEWS

As part of the public outreach efforts for the Broadway Corridor Study, several interviews were conducted with Redwood City stakeholders on Friday, November 1, 2013. The interviewees were selected based on their interest and expertise with various aspects of the project. Stakeholders included representatives from Chamber of Commerce, Community Development Department, Public Works Department, City Transportation staff, the Planning Commission, and elected officials.

Stakeholders were interviewed individually by six different groups of students, and were asked questions tailored specifically to their area of interest and/or expertise. The following information is organized into what stakeholders believed to be *attributes* worth preserving in the Broadway Corridor, *concerns and challenges* for development in the area, and their *visions* for future development in the Broadway Corridor.

ATTRIBUTES

Stakeholders identified a variety of aspects about the Broadway Corridor which they would like to preserve. They included comments concerning the following:

Development

Stakeholders mentioned the fact that the Broadway Corridor has many opportunities for development with Downtown and the Stanford in Redwood City development as natural anchor points. The small business community in Redwood City was identified as the key to revitalizing the Corridor, since new small businesses could locate in one of the many underutilized or vacant parcels throughout the Corridor. Infill development in underutilized parcels creates the opportunity to strengthen the local economy and draw more people into the area coming from Downtown and the Stanford in Redwood City development.

Circulation

Many stakeholders commented on various circulation assets of the Corridor, specifically how the existing street right-of-way allows for flexibility in reconfiguration to allow for alternative modes of transportation, such as bike lanes in both directions, an efficient public bus system, and a streetcar. Stakeholders would like to see landscaping and safety improvements along the Corridor; the existing street width allows for such improvements to be made.

CHALLENGES

Stakeholders had many concerns about the safety of the Corridor, a lack of visual appeal and design consistency, traffic issues, and the feasibility of transit alternatives.

Safety

Traffic speeds on Broadway and congestion cause many conflicts with pedestrians and bicyclists. Bike lanes are currently not clearly marked, and merging bike and vehicular lanes cause bicyclists to ride on sidewalks. Streetscape improvements and reorganization of traffic lanes were mentioned as ways to mitigate traffic incidents in the Corridor.

Visual Appeal

The "unclean industrial vibe" creates a lackluster environment, which is aesthetically unappealing as a gateway into the City. Many stakeholders mentioned how the businesses and retailers located along Broadway often have a difficult time attracting foot traffic due to the lack of visual appeal and character of the area. Stakeholders also mentioned the necessity for consistency when developing the Broadway Corridor, and need to maintain some sort of aesthetic appeal and unique character.







Traffic

The US 101/Woodside Rd. intersection was mentioned several times with regards to its traffic issues, especially during peak hours. For an intersection that serves as the main gateway into the City, stakeholders believed that it currently is a "nightmare to drive on" due to traffic coming from the 101 Freeway and Summit Preparatory High School located nearby.

Transit Feasibility

Concerns about the proposal for light rail or a streetcar along Broadway were mentioned, and the need for improved amenities around streetcar stations in order to bring people to the area. Stakeholders also would like the Project Team to take into consideration the funding source and potential maintenance problems for streetcar and light rail projects. Stakeholders also warned the Project Team about the potential opposition to a "complete streets" initiative since it would limit the amount of parking along Broadway around existing businesses.

VISION/RECOMMENDATIONS

Stakeholders had many recommendations for the Project Team, ranging from aesthetic considerations to suitable land uses. Many envisioned a more vibrant, walkable, and attractive Corridor which would spur future development.

Land Use

Near the Stanford in Redwood City development, stakeholders envisioned University-associated retails such as bookstores and food services, which could also cater to local employees. Suggestions for the City's Corporation Yard parcel included offices, a hotel, and auto dealerships. They wanted to see more mixed-use development, with an emphasis on affordable or higher density housing rather than market rate residential development.

Urban Form

Recommendations concerning the urban form of the Corridor included building size restrictions and setbacks, architectural and landscape styling, and an emphasis on hidden or rear parking, which would all help to transform the Corridor into a more pedestrian friendly environment. The Broadway Corridor at Woodside interchange could thus act as a gateway entry into the City, with a more unique character and innovative design and development. The introduction of more open space, in the form of parklets or dog parks were also suggested as ways to improve the aesthetics of the area.











Circulation

In regards to circulation, the ideas presented would bring more people to the street, and attract people from all over the City and those traveling along Highway 101. Stakeholders wanted to see a transformation of the Corridor into a walkable community with a connection to Downtown. They emphasized the necessity for parking in the area and suggested queuing lights up to the US 101/Woodside Rd. interchange to limit congestion. As for bikes, separated bike lanes were recommended, and stakeholders proposed a reduction in the number of lanes on Broadway from 4 to 3 in order to accommodate an improved bike network.

Stakeholders appreciated the idea of a streetcar or bus route along corridor to enhance connections along the Corridor, and increased accessibility of businesses and residences along the street. A streetcar along the Corridor would also benefit the Stanford in Redwood City employees to help move them to and from the Caltrain station and their place of employment.

HELP SHAPE THE FUTURE OF BROADWAY

Please join a community discussion to develop a vision for transportation and land use along Broadway Street between Maple Street and Douglas Avenue.

Your City. Your Ideas.

WHEN

Saturday, November 2nd 10:00am - 12:30pm

WHERE

The City Corporation Yard 1400 Broadway Street

Bring the whole family -- Refreshments and activities for children will be provided!



The City of Redwood City and the City and Regional Planning Department, Cal Poly State University, San Luis Obispo



If you have any questions, please contact Diana O'Dell at dodell@redwoodcity.org or Zeljka Howard at zhoward@calpoly.edu



Figure 2. Community Discussion Flyers in English and Spanish

AYUDE A FORMAR EL FUTURO DE BROADWAY

Usted está invitado a participar en una discusión comunitaria para formar una visión de Broadway Street entre Maple Street y Douglas Avenue.

Tu Ciudad. Tus Ideas.

CUANDO

El Sábado, 2 de Noviembre 10:00am - 12:30pm DONDE
The City Corne

The City Corporation Yard 1400 Broadway Street

Toda la familia esta invitada -- ¡Habrá refrescos y actividades para los niños!



Organizado por: La Ciudad de Redwood City y El Departamento de Planificación Urbana Cal Poly State University, San Luis Obispo



Si tienes preguntas o dudas, por favor hable con Diane O'Dell al correo electrónico dodell@redwoodcity.org o Zeljka Howard al correo electrónico zhoward@calpoly.edu.





COMMUNITY DISCUSSION

Process

On Saturday, November 2, 2013 a Community Discussion was held at the Redwood City Corporation Yard from 10 am to 12 pm for community members to share their opinions about the Broadway Corridor. Simultaneously, four different mobile workshops were set up at Courtyard Square, the Grocery Outlet, Hoover Park, and the Stanford Medicine Outpatient Center in Redwood City to get opinions of those who were unable to attend the workshop. Flyers with workshop information were distributed to local businesses and community organizations, and posted on the project's website (Figure 2).

The discussion began with a presentation made by the Project Team briefly describing the project area, background information, and the discussion process. The discussion was structured to allow both individual comments and extensive group discussions. After the presentation, group members introduced themselves and elected a community member to present the results of the groups' discussion and conclusions.

Project Team members facilitated discussions on three topic areas:

- What participants liked about the area and would want to preserve.
- Challenges for future development.
- Their vision for the future of the Broadway

Comments which corresponded to a particular location were also recorded on a project area map. At the end of these discussions, each group's elected representative presented the group's main ideas and map identifying the areas of concern and areas that need to be preserved or enhanced. Finally, all participants were asked to fill out a Community Opinion Survey (included in the Appendix). The results of these survey responses are discussed in a later chapter of this report.

ASSETS / ATTRIBUTES

Overall, community members felt that the Broadway Corridor had a lot of attributes that contribute to its character and provide opportunities for future development.

The three most prevalent attributes of the Broadway Corridor mentioned by community members included the following:

Physical Attributes

Community members wanted to preserve many of the physical characteristics of the area, including the existing building height and its grid street layout.

Access

The Corridor's access to Highway 101, Caltrain, and Downtown gives the project area potential for future business activities.

Small Businesses

Participants believed that the smaller businesses located between Maple and Charter St. were an asset to the area.

Other attributes about the Broadway Corridor that were mentioned include the presence of street trees; the variety of existing land uses; existing bike lanes; the location of the Post Office; and the presence of the Grocery Outlet, Smart & Final, auto shops, and La Viga Restaurant (Figure 3).









COMMUNITY INPUT COMMENTS - ATTRIBUTES

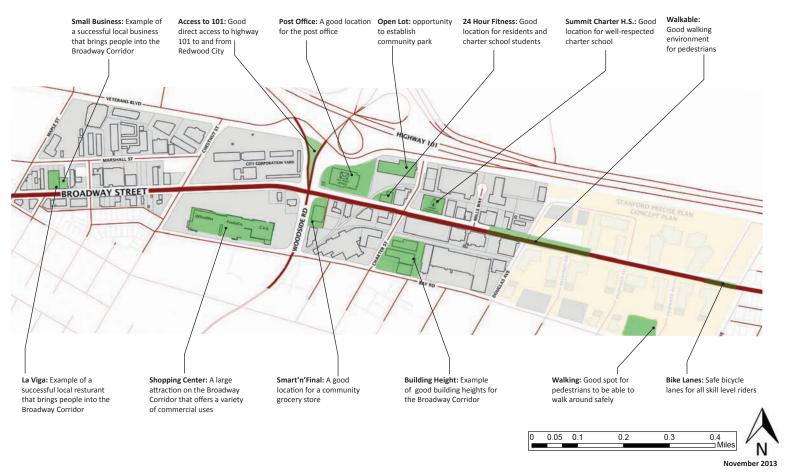


Figure 3. Community Discussion Composite Map - Attributes

CHALLENGES

The most noted challenges for the Broadway Corridor included:

Lack of Distinct Character

Community members noted that the Corridor did not have very much "street character," since most visitors only pass through the area by car. They noted that there are not very many reasons to walk around in the Corridor since it is not a "destination."

Traffic Conditions

Unmarked bike lanes, no pedestrian crossings, and bad traffic at the Woodside/Highway 101 intersection make the project area unsafe for bicyclists and pedestrians.

Lack of Affordable Housing

Many community members noted the need for affordable housing in the area, and expressed interest in that type of development in the Corridor.

Other mentioned challenges for the Broadway Corridor include the existing homeless population; a lack of public seating, lighting, and parking; crime near Beech St. and Broadway; high traffic speeds on Bay Road; a bad connection to Downtown for pedestrians and bicyclists; access to the Post Office; sharrows (shared lanes for vehicles and bikes); and a lack of activity by Marshall St. and the Woodside Drive and Broadway intersection (Figure 4).









COMMUNITY INPUT COMMENTS - CHALLENGES

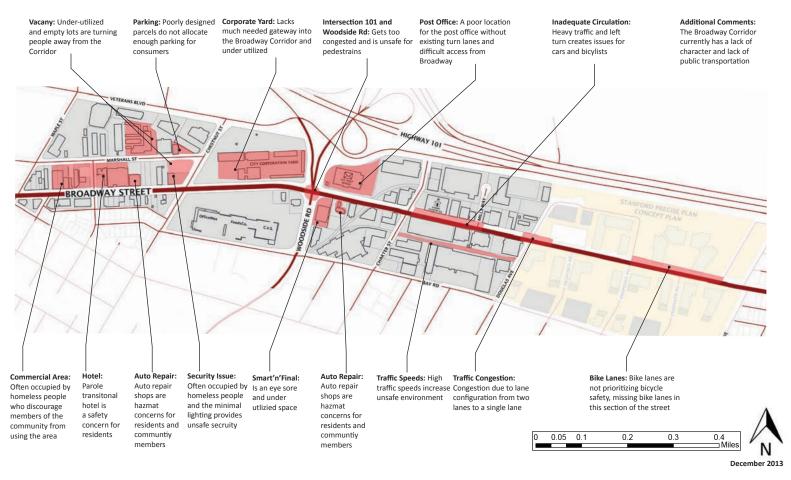


Figure 4. Community Discussion Composite Map - Challenges

VISIONS

The most prominent elements of the vision for the Broadway Corridor included:

Public Transportation

Participants envisioned a streetcar or new bus line that would run throughout the Broadway Corridor and feed into the Downtown Caltrain station.

Streetscaping & Identity

Community members believed streetscaping would entice people to use alternative modes of transportation and create a distinct identity for the Corridor, separate from that of Downtown. They envisioned the entrance to the Corridor from Highway 101 as something that would grab the attention of people passing through.

Public Space

Participants suggested placing similar land uses next to each other and making better use of public spaces, such as utilizing parking lots for events or festivals or introducing a new park for nighttime recreation.

Other visions for the Broadway Corridor in the future include parking for a proposed light rail or streetcar system; medical offices; a relocation of the Correctional facility to the Corridor; a shuttle to Stanford in Redwood City development; improved bike lanes; more retail; mixed-use development; and the addition of a hotel (Figure 5).







BROADWAY CORRIDOR STUDY

WORKSHOP #1 COMMENTS - COMPOSITE MAP - VISIONS

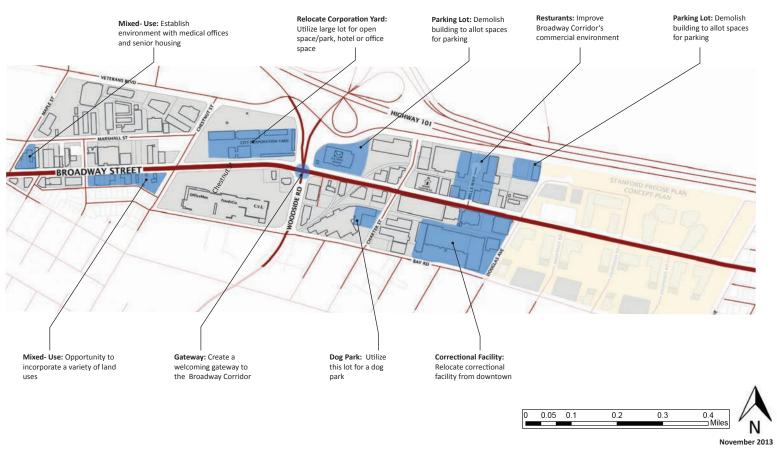
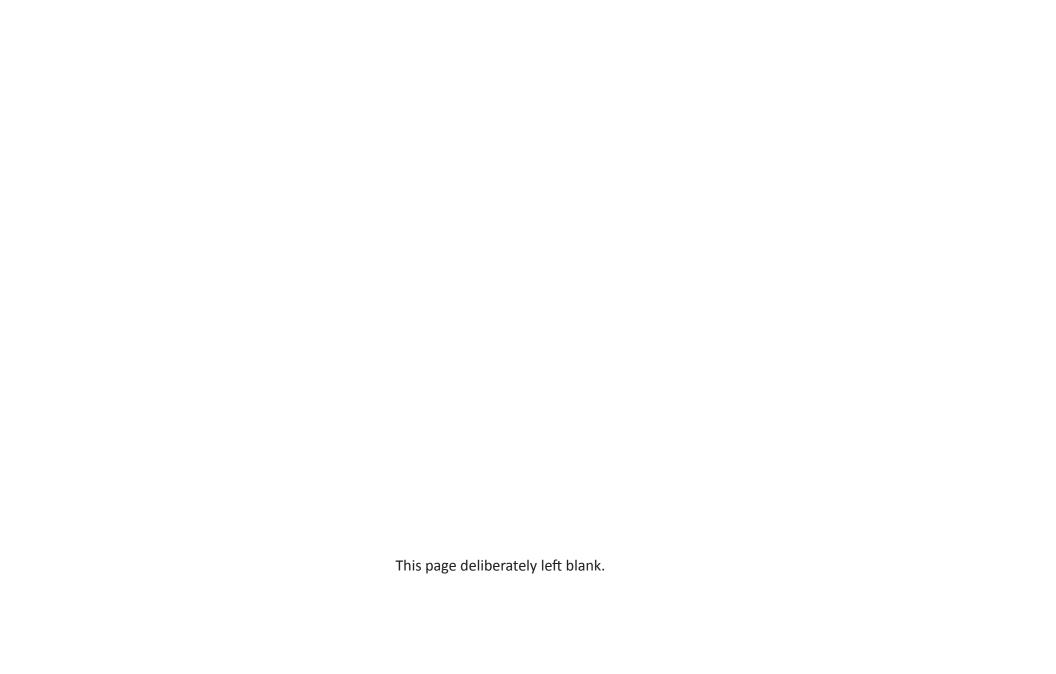


Figure 5. Community Discussion Composite Map - Visions









MOBILE WORKSHOPS

On Saturday, November 2, 2013 mobile workshops were set up at four key sites (including Courtyard Square, Grocery Outlet, Hoover Park, and the Stanford Medicine Outpatient Center) in Redwood City to get opinions of those who were unable to attend the main Community Discussion at the Redwood City Corporation Yard. Overall, about 30 people participated in the mobile workshops, which included discussions about what participants *liked* about the area and would want to *preserve*, their *concerns* for the area, and their *vision* for the future of the Broadway Corridor. The results of the conversations held at the mobile workshops are summarized on the following pages.

COURTYARD SQUARE MOBILE WORKSHOP

One of the mobile community workshops was held at the downtown Courtyard Square, where community members engaged in discussions and shared their opinions with the workshop leaders. Most participants stated that they did not visit the Broadway Corridor often, mostly because there is not much to do or see in that area. Opinions of the area were not very positive nor very negative. Most participants did not have particular comments about the area because they felt there was nothing to attract them there except the larger retail chains. A few participants did complain that the Corridor was not pedestrian or bike-friendly, and that it did not have any distinct or interesting features.

Two popular ideas about the future stood out among community members:

- Many people believed a shuttle service connecting 2nd St. area of Broadway to Downtown would be an asset.
- Participants wished to have more affordable housing in the area, particularly more affordable local workforce, student and senior housing.

Other ideas for the vision of Broadway included the addition of improved bike signage, bike lanes, more open space and public spaces, traffic mitigating measures, low density land uses, distinct design features from Downtown, more entertainment options, and more street trees and lighting.







GROCERY OUTLET MOBILE WORKSHOP

The second mobile workshop was held at the Grocery Outlet in Redwood City, where community members expressed a variety of opinions about the Broadway Corridor. At this workshop, community members expressed interes in Redwood City entryway sign to Downtown on Broadway, since it provided a strong sense of identity. A concern that was brought up was the homeless population in the area. One community member stated that the problem was not the homeless themselves, but the lack of help and services made available to them by the City. One of the major complaints among participants was the amount of traffic produced at the Woodside/Broadway intersection. One participant said that because of the lack of bike lanes, he was forced to bike on the sidewalks for his own safety, despite the fact that doing so is illegal.

HOOVER PARK MOBILE WORKSHOP

Another mobile workshop was held in Hoover Park in Redwood City, where participants were asked to fill out a survey and share their general opinions. Some community members expressed concerns for the poor sidewalk conditions and vehicle proximity when walking along Broadway. They also expressed interest in adding designated bicycle lanes and sidewalk improvements. Another participant was very concerned about the availability of affordable housing in the area. Their main reason for wanting to see more affordable housing in the area was because the technology parks that were springing up in Redwood City have been increasing the

housing prices. Besides affordable housing, other improvements such as parking, crosswalks, street trees/vegetation, and open space areas were desired.

STANFORD MEDICAL OUTPATIENT CENTER MOBILE WORKSHOP

One community member at this mobile workshop works in the Public Works Department and had some interesting insight on how Broadway developed over the past years. Many of the buildings and land had been owned by a single company, and over the last 10 years they started to sell neighboring parcels. This led to a disconnect of sidewalks and loss of cohesiveness along Broadway. This participant also stated that some companies who wanted to expand their sidewalks and add planters to bring more green into the area had removed the bike lanes in the process. Some areas along Broadway have partial bike lanes, but they do not continue along the entire road. Other participants said they loved walking on the north end of town since it was cleaner, and often felt safer on this side of town.



COMMUNITY ORGANIZATIONS & SCHOOLS

SCHOOLS

SUMMIT PREPARATORY HIGH SCHOOL

On January 7, 2014 Project Team members visited with a group of about thirty Summit Prep students in their senior year to provide input regarding the future of the Broadway Corridor. Representatives from the Redwood City Community Development Department accompanied the Project Team.

A discussion about various transportation topics indicated that many of the students either drive to school or ride in carpools. Some of the students that live close to school ride bikes or walk, and only a few use transit. They were all very open to the idea of using transit if it was more accessible, and many of those that live close said that they would walk or bike if it was safer. Many students also brought up the need for improved streetscaping and landscaping in the area with the addition of street trees, safety lighting, and street furniture, and a community garden. Students were also very adamant about

having food choices in the area—they wanted to have an area with various cafés and small businesses around a central plaza.

Since activities for children and families are currently lacking in the area, students suggested various establishments that would attract them to the Broadway Corridor. These establishments included: parks with sports fields and courts, an aquatic center, drive-in movie theater, laser tag, bowling alley, arcade, art/ceramic studio, and a petting zoo. There was some discussion of retail opportunities, including a skate store, and personal services such as hair and nail salon.

At the end of the meeting the students engaged in a dot exercise to select their preferred idea. Their top eight choices were:

- Food trucks
- A drive-in
- Entertainment
- Food establishments
- Parks
- A skate shop
- A plaza
- Bus stops

SEQUOIA HIGH SCHOOL

The Sequioa High School Workshop took place on November 20, 2013. Project Team members presented the project to a senior class of about 25 students and engaged students in a survey activity.

Students were asked about what they do for fun and where they go for recreation. The most common answers included: dining out, shopping, going to the movie theater, and traveling to other parts of the Bay Area. Most students also noted that driving via private automobile was the most common mode of transportation used to get to these recreational activities. Other answers included walking, bicycling, carpooling, and taking Caltrain. When the students were asked about safety concerns in the Broadway Corridor, many stated that they felt unsafe in the area, especially at night.

Students were also asked to identify various aspects about the Broadway Corridor that they *liked*. Several mentioned the street width with abundant parking, and the Corridor's easy accessibility and close proximity to Downtown. However, many students noted the Corridor's dull environment, and its potential to be transformed into an extension of the Downtown area.

Finally, students were asked to brainstorm their *visions* for the future of the Corridor, and specific things they would like to see develop in the area. This question received the highest number of responses, which included:

- Restaurants (Starbucks, ice cream parlors, bubble tea, etc)
- Entertainment (movie theater, bowling alley, arcade, etc)
- Recreation (climbing gym, paintball, laser tag)
- Art (murals, art museum),
- Retail (mall, boutiques, bookstore, thrift shops),
- Public services (parks, trees, public parking)
- Public transportation (BART, buses)

Hosting the school workshop was an effective way of obtaining feedback from the younger community members who are often left out of city planning activities and decision-making processes, although they are the ones who will be the most affected by long-term development decisions made about the Broadway Corridor.





COMMUNITY ORGANIZATIONS

DOWNTOWN BUSINESS GROUP

On January 7, 2014 a small group Project Team members, along with a representative from the Redwood City Community Development Department, met with members of the Downtown Business Group to discuss ideas for the Broadway Corridor. The discussion was very active, and focused around three main topics:

Wayfinding

The meeting began with a discussion about various transportation options that would help people get to Downtown. Wayfinding in the City was mentioned as a problem, and the group felt that better signage would be very helpful. A suggestion was made that signs be displayed throughout Downtown and the Broadway Corridor which advertise free temporary parking at the theater garage. It was also mentioned that getting Downtown from Broadway is tricky at the Marshall Street intersection, and everyone agreed that some type of signage should be implemented so that visitors would understand how to stay on Broadway St.

Parking

Participants also felt that parking is a major issue, and should

be addressed early in the planning stages. Participants suggested the addition of a park and ride option to get more cars off of the road, and stressed a collaboration with CalTrans in order to provide a good and timely solution to the traffic and congestion issues at the US 101/ Woodside Rd. interchange. The addition of bike lockers was suggested as a way to accommodate people who ride CalTrain to town and bike throughout Redwood City.

Aesthetics

There was also much discussion about the overall appearance of the study area. Participants were concerned that the gateway area needs to make a good first impression, and the entire area should undergo some beautification process. Suggestions included placing an attractive wall around the Corporation Yard, welcoming signs, landscaping the gateway area, and providing more outdoor seating. Suggestions concerning land uses for the Broadway Corridor included moving the Post Office, constructing a pedestrian overpass for Summit Preparatory School, a makeover of the CVS shopping center, redeveloping the Corporation Yard, and adding attractions for the youth.



COMMUNITY MEETING COMMENTS

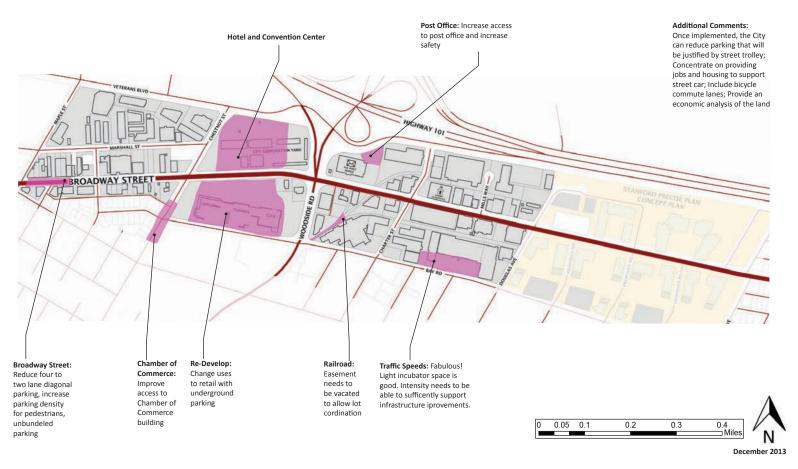


Figure 6. Community Meeting Comments Composite Map



CHAMBER OF COMMERCE & ECONOMIC DEVELOPMENT COMMITTEE

On January 7, 2014 a group of Project Team members, along with representatives from the Redwood City Community Development Department, attended a meeting with members of the Chamber of Commerce Economic Development Committee to hear their comments and recommendations about the Broadway Corridor Study. All members in attendance were very active in the discussion and provided valuable information.

Transportation

A discussion of transportation issues included the potential for a streetcar, bicyclist needs, pedestrian safety, and parking. Most of the members were in favor of a streetcar option, but many of them noted that a cost/benefit analysis would need to be completed before the project could move forward. It was mentioned that density would need to be significantly increased in order for a streetcar to be economically feasible. One participant brought up the need for bicycle safety to be further studied, and noted that the younger tech cohort is riding bicycles long distances to work. Participants came to a consensus that bicyclists should have a safer experience throughout the Corridor, and bike lockers should be provided to protect bikes from being stolen. Attendees also focused on improving pedestrian safety, and making the Corridor more attractive to pedestrians.

Parking

Two issues concerning parking were also raised: (1) Community members wanted parking to be addressed as part of the plan, and not done as an afterthought. (2) They wanted the plan to be creative about parking solutions, and suggested that parking be unbundled and shared.

Land Uses

Some of the suggestions for potential land uses in the Corridor included: a convention center/hotel, live work units, higher density, a gateway look for the Broadway and Woodside intersection, multi-story office building with opportunities for start-up businesses, mixed uses, attractive street frontage, and having a variety of dining and retail options. Another idea that was agreed upon was that the railroad easement east of Woodside should be vacated and a consolidation of those various lots. One area that was discussed in-depth was the current incubator overlay on the east-end of the study area. The members were divided about having light-industrial facing Broadway, but recognized that it was important to have the associated uses in the area. They suggested economic studies to determine the best land uses for the area. Many of the members also agreed that the older buildings on the east end of the study area should be taken down and replaced (Figure 6).

BROADWAY CORRIDOR STUDY

PUBLIC OUTREACH COMMENTS



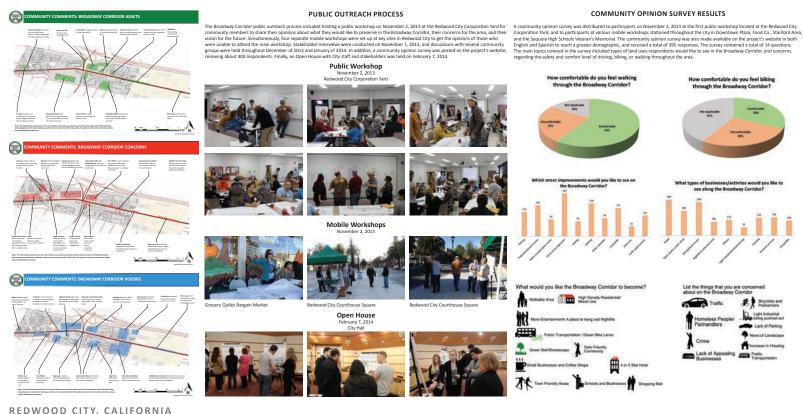


Figure 7. Public Outreach Poster

BROADWAY CORRIDOR STUDY 29

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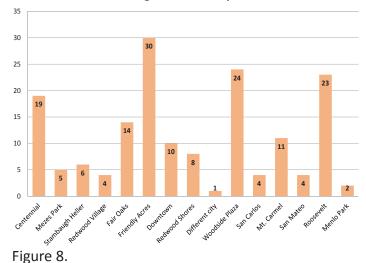
COMMUNITY OPINION SURVEY

A Community Opinion Survey was distributed to participants on November 2, 2013 at the Community Discussion conducted at the Redwood City Corporation Yard, and to participants at various mobile workshops stationed throughout the City including the Courtyard Square, the Grocery Outlet, Hoover Park, and the Stanford Medicine Outpatient Center. The Community Opinion Survey was also made available on the project's website in both English and Spanish to reach a wider audience. The survey instrument contained a total of 14 questions, which covered various land use, safety, and circulation topics. In total, over 400 responses were collected, with a majority of them collected online. The survey instrument can be found in the Appendix of this Report. The following summary is organized by various topics addressed in the survey questions.

PLACE OF RESIDENCE

The majority of survey respondents live in neighborhoods within close proximity to the Broadway Corridor. The highest number of respondents lived in Friendly Acres, Woodside Plaza, and Roosevelt. There were a few respondents who resided in neighboring cities, including San Mateo and Menlo Park (Figure 8).

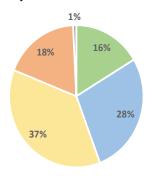
Which Neighborhood do you live in?



BROADWAY CORRIDOR ACTIVITIES

As shown in Figure 9, most respondents currently visit the Broadway Corridor a few times a month or a few times a week. Only 16 percent of respondents stated that they visit the area daily, which indicates that it is currently not a "destination" for most Redwood City residents.

How often do you visit the Broadway Corridor?



Every Day A few times a week A few times a month Rarely Never Figure 9.

As shown in Figures 10 and 11, by far, the most common type of activity that people engaged in the Corridor was shopping. For open-ended responses, the most commonly mentioned activities included "drive through" the area and "dine", with 28 and 22 percent of respondents, respectively.

What do you normally do in the Broadway Corridor?

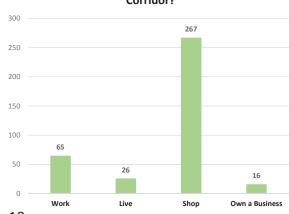


Figure 10.



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What do you normally do in the Broadway Corridor? (Other)

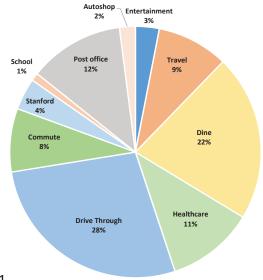


Figure 11.

MODE OF TRANSPORTATION

The Broadway Corridor is mainly known as the route from Downtown Redwood City onto Highway 101 and State Route 84 (Woodside Road). Since most people do not live in the immediate surrounding area, they must depend on their personal vehicle to get to the area. The lack of alternative transportation options contribute to the high percentage of automobile traffic throughout the Corridor. Ninety-one percent of respondents stated that they use a personal automobile to get to the Broadway Corridor (Figure 12).

How do you usually get to the Broadway Corridor?

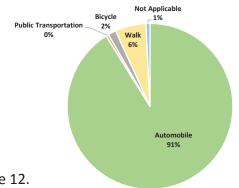
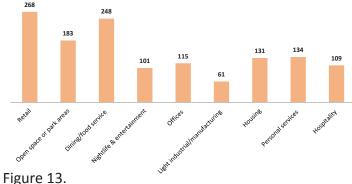


Figure 12.

AMENITY AND SERVICE IMPROVEMENTS

The survey also asked respondents which types of businesses and activities they would like to see developed along the Corridor. Respondents stated they would mostly like to see retail, dining and food services, and open space or park areas (Figure 13).

What types of businesses/activites would you like to see along the Broadway Corridor?



SAFETY

Most people responded that they are comfortable walking through the Broadway Corridor. There are several areas which have large sidewalks and street parking, however, most of the sidewalks before the Stanford Campus are a bit rundown. For those who marked "uncomfortable," the reasons are displayed in Figure 14.

How comfortable do you feel walking through the Broadway Corridor?

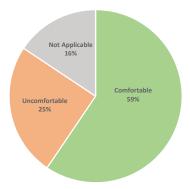


Figure 14.

Most respondents feel uncomfortable walking through the Corridor due to traffic speed, vehicle proximity, sidewalk conditions, and block length. The open-ended option demonstrated that many people are also concerned with the safety, traffic, homeless, and air quality of the area. The majority of those who feel uncomfortable walking in the Broadway Corridor are uncomfortable due to the (poor) sidewalk conditions (Figure 15).

If Uncomfortable walking through the Broadway Corridor, why?

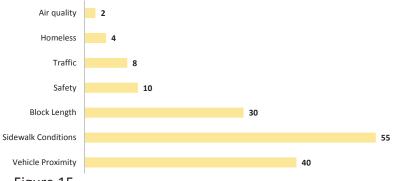


Figure 15.

When asked about how comfortable respondents felt biking through the Broadway Corridor, 41 percent stated that they do not bike through that area. This further demonstrates the lack of alternative transportation options in the Broadway Corridor. Of the respondents who do bike, 33 percent felt comfortable and 26 percent felt uncomfortable (Figure 16).

How Comfortable do you feel biking through the Broadway Corridor?

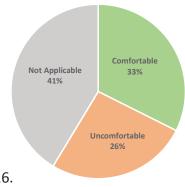
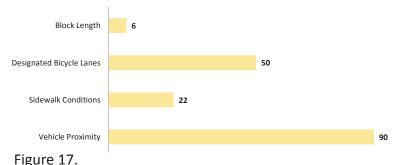


Figure 16.



For those who feel uncomfortable biking through the Broadway Corridor, the main reasons were vehicle proximity and the vehicle speed along Broadway. The speed limit postings on Broadway range from 25 miles per hour to 30 miles per hour, however, many drivers currently far exceeded that speed limit (Figure 17).

If Uncomfortable biking through the Broadway Corridor, why?



INTERSECTION EXPERIENCES

Respondents were asked about their experiences driving, walking, and biking through specific intersections along the Broadway Corridor.

Maple Street and Broadway Street

The majority of respondents drive through the intersection, and their experience is mainly "good" or "fair." Biking through this intersection did not get very good ratings, with most responses being "fair" or "poor" (Figure 18).

How would you rate your experience at Maple Street & Broadway Street?

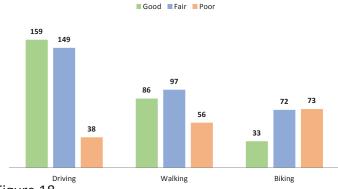


Figure 18.

Chestnut Street & Broadway Street

There are many more respondents who drive rather than walk or bike. A majority of respondents considered their experience at this intersection to be mainly "fair" for driving, walking, and biking (Figure 19).

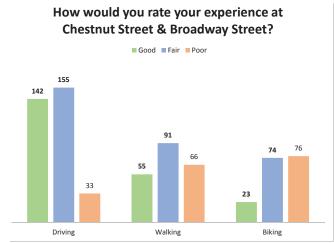


Figure 19.

Woodside Road & Broadway Street

The experience at this intersection was overwhelmingly rated as "poor," regardless of driving, walking, and biking. However, CalTrans and Redwood City are currently working on proposing alternatives for this intersection (Figure 20).

How would you rate your experience at Woodside Road & Broadway Street?

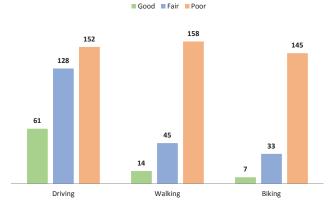


Figure 20.

Charter Street & Broadway Street

The driving experience at this intersection is rated quite high. However, respondents rated walking and biking through the area as mostly "fair" and "poor." This could be due to the lack of designated lanes for bicyclists on the street and a need for sidewalk improvements (Figure 21).

How would you rate your experience at Charter Street & Broadway Street?

■Good ■Fair ■Poor

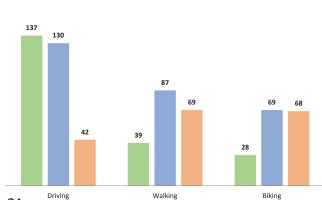


Figure 21.

Douglas Ave. & Broadway Street

The driving experience is rated very well at this intersection. There were not as many responses regarding the experience of walking or biking, but the majority rated these experiences as "fair" (Figure 22).

How would you rate your experience at Douglas Avenue & Broadway Street?



Figure 22.



STREET IMPROVEMENTS

The most commonly mentioned street improvements that respondents would like to see were street trees/vegetation, lighting improvements, and improved crosswalks. Many of those who filled out the survey also mentioned that they do not feel safe walking on the sidewalks due to high exposure and lack of lighting (Figure 23).

Which Street Improvements would you like to see on the Broadway Corridor?

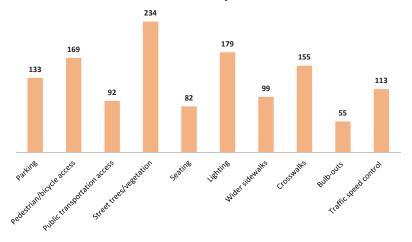


Figure 23.



ALTERNATIVE CONCEPT PROPOSALS

Comments received during the public outreach events guided the formation of the following Vision Statement for the future development of the Broadway Corridor:

The Broadway Corridor will serve as a gateway to the City as well as a connection between the Downtown Business District, Highway 101, and the Stanford in Redwood City development. The Corridor will support a variety of transportation options that improve circulation, safety, and encourage pedestrian activity. The Broadway Corridor will function as an area that offers residents and visitors an exciting extension of the Downtown that promotes economic vitality and a range of development opportunities. Infrastructure improvements will create a unique character specific to the Broadway Corridor that provides a welcoming atmosphere and leaves a lasting impression while enhancing community involvement.

Based on the above Vision Statement, the alternative proposals were formulated for: an Overall Concept Plan, two Gateway District Alternative Plans, and two circulation alternatives: a Bus Rapid Transit Circulation Alternative Plan, and a Streetcar Circulation Alternative Plan.

On February 7, 2014, the Project Team held an Open House in the City Hall Council Chambers from 1-5 pm to present the alternative proposals and collect comments from City staff. The event was attended by staff members from Community Development, Public Works, and Transportation departments, and several stakeholders. Overall, City staff members were pleased with the detailed work and thought that went into the proposals. Comments received by the attendees are summarized on the following pages.

BROADWAY CORRIDOR STUDY

OVERALL CONCEPT PLAN

Open House



Vision Statement

The Broadway Corridor will serve as a gateway to The Broadway Corridor will serve as a gateway to Redwood City, as well as a connection to Downtown and Sanford's Redwood City Campus. With its own distinct character, the Corridor will provide a variety of amenities which case to the community's needs, and the community's needs, and the incorporation of safe pedestrian and wellcular infrastructure and a variety of transit options will improve the circulation in the Corridor, and encourage pedestrian activity. A diverse mis of residential, commercial, industrial and public spaces will provide a welcoming understand and public spaces will provide a welcoming and contributions of the community of the contribution of daily basis, as well as those visiting the area.



Village District

Village Ulstrict Description

The Village District is predominantly composed of mixed-use commercial and residential uses that complement the existing residential uses along the Broadway Corridor, Residents living in the area will support the need for the proposed transit options and the mix of commercial and residential uses will meet the direct needs of the residents in the neighboring areas while not distracting from the character of the Downtown.





Overall Concept Plan

The Overall Broadway Corridor Concept is divided into three main districts: The Village District, the Gateway District, and the Business District. Each district is designed to have a unique character that is cohesive with the entire corridor, and Tosters an aesthetic and physical connection between the Downtown and Stanford in Redwood City Campus. The Broadway Corridor Concept links these districts together by providing a range of land uses and transportation opions that work together to connect Redwood City Downtown to Stanford in a comfortable and



Transportation is vital to the Broadway Corridor proposal. The circulation directly affects existing and proposed uses and those same used directly affect the circulation along the corridor. The proposal offers Broadway complete streets that provide multiple options for Veridies, public transit, bicycles, and pedestrians. To better connect the uses along the corridor the proposal includes a Greenway that meanders strough the corridor directly connecting the Standford angues to the Village District as well as introduce new connections within the City. This proposal will allow for an excel of movement for profestions, bicyclinic, and local residents through the corridor and offer an alternative route to lighten activity directly on Broadway. Transportation is vital to the Broadway Corridor proposal. The circulation directly











Gateway District

Gateway District Wile set the center of the corridor connecting the other districts located at the intersection of Broadway and Woodside. The Gateway District will be at the test at the test at the test and will focus on fostering an identity for Redwood City. This district is the core of the Broadway Corridor and offers the first impression of Redwood City from the freeway.





Business District

Business District Description

Business District Description Resting between the Gusteway District and the Stanford campus is the Business District characterized by service, office, and professional uses that complement the Stanford campus and create a link to the Gusteway District. Within the Business District light participation are with the allowed and shall continue to be permitted in particle that are not adjuscent tool foreigneen. This district will also contain a form based code area to add fleesbillity white protecting resignment guess.







REDWOOD CITY, CALIFORNIA

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Figure 24. Overall Concept Plan Alternative Poster



BROADWAY OVERALL CONCEPT PLAN ALTERNATIVE

The Overall Broadway Corridor Concept Plan is divided into three main districts: The Village District, the Gateway District, and the Business District. Each district is designed to have a unique character that is cohesive with the entire Corridor, and fosters an aesthetic and physical connection between the Downtown and Stanford in Redwood City development. The Broadway Corridor Concept links these districts together by providing a range of land uses and transportation options that work together to connect Redwood City Downtown to Stanford in a comfortable and sustainable way.

Transportation is vital to the Broadway Corridor proposal. The circulation directly affects existing and proposed uses and those same uses in turn directly affect the circulation along the Corridor. The proposal includes complete streets that provide multiple options for vehicles, public transit, bicycles, and pedestrians. To better connect the uses along the Corridor the proposal includes a Greenway that meanders through the Corridor directly connecting the Stanford in Redwood City development to the Village District. This proposal will allow for an ease of movement for pedestrians, bicyclists, and local residents through the Corridor and offer an alternative route to lighten activity directly on Broadway.

The overall concept proposal consists of two alternatives for transportation along Broadway, one highlighting a streetcar system and the other a Bus Rapid Transit system. These alternatives will work with the proposed uses along Broadway and meet the needs of those who live, work, or visit the Broadway Corridor.

PUBLIC INPUT

There were many positive responses from the staff on the Overall Concept Plan. Many believed that breaking up the Corridor into districts was a good way to disperse attention equally through the Corridor and is a great way to provide opportunities for small businesses and promote a sense of community. They were also pleased to see two alternative transportation proposals, and were interested in learning more about the feasability of a streetcar system. Staff agreed that it was important for two alternatives for the Gateway district due to the various development opportunities in the area. Overall all participants were interested to see how the districts would work together throughout the Corridor, and how those districts would be utilized by the surrounding areas.

BROADWAY CORRIDOR STUDY GATEWAY A - CONCEPT PLAN Open House Project Area Location Map The discrept Description of the Emission Control of the Control of Control of the Control of Cont

PROPOSAL



Jonathan Chiu | Kimber Gutierrez | Julia Hill | Shelby Messner | Balley Randall
Community Planning Lab | City and Regional Planning Department | California Polytechnic State University, San Luis Obsipo

Figure 25. Gateway District A Alternative Concept Plan Poster



GATEWAY DISTRICT A ALTERNATIVE CONCEPT PLAN

The Gateway District A of the Broadway Corridor will use existing infrastructure as a foundation for development, intensifying the land uses and bringing out the Corridor's full potential. Much of the infrastructure will remain as is, with beautification techniques and facade enhancements to create a welcoming atmosphere and distinct character to the Gateway District, which is currently lacking. Through improved infrastructure and new land uses, the area will be transformed from simply being a freeway entrance and exit, to a gateway that guides residents and visitors into Redwood City. New development will increase the amount of commercial and office space in the Gateway District, creating a small retail district with multiple plazas, and public gathering areas.

KEY FEATURES

Neighborhood Commerical

Retail shops and dining options at an appropriate neighborhood scale will be available in the Gateway District, building upon what is already existing in the Redwood Plaza.

Mixed Use

This mixed-use development category will consist of retail shops, office space, and residential housing opportunities in the Gateway. The variety of activities will enhance an allencompassing atmosphere to the area and promote the goal of convenient uses in close proximity.

Plazas and Pocket Parks

New plazas and pocket parks will create public gathering places for people to relax and take a break during their day. These spaces will be areas for passive recreation and pedestrian transportation, offering benches, tables, and walkways. These open spaces will promote community engagement and interaction.

Greenway

The proposed Greenway will act as a connection to the greenway in the Stanford in Redwood City development, continuing it through the Gateway District. It will serve as an open space for residents and employees in the area to take a break from work and as a public area for active pedestrian and bicycle transportation.

Fine Arts Community Center

The Fine Arts Community Center will cater to residents of all ages as a place to experience the arts and learn new techniques. It will offer spaces for artists to display their work and host various art classes to members of the community.

PUBLIC INPUT

During the Open House the Cal Poly Team received valuable feedback from City staff regarding specific aspects of the Gateway District A Concept. The Team heard several concerns about the proposed Greenway through the existing service road adjacent to the industrial pipe company. Currently, the pipe company uses the service road as storage and as a space for loading for the distribution of the pipes, so open space in this area might not be utilized very much. Another section of the Greenway which would need to be addressed is the area where it crosses over Woodside Road. More innovative ideas and techniques for how to keep pedestrians and cyclists safe when crossing the busy intersection need to be brainstormed and addressed. There were also concerns over the proposed road through the corporation yard corner, since the entrance and exit to the road from Veterans Boulevard is close to the Highway entrance. Many staff members expressed that this road could potentially cause more traffic issues, as well as increased difficultly in navigating in and out of the road and proposed parking lot. The Team received positive feedback regarding the small shops incorporated into the Redwood Plaza corner, as well as the idea of a parking garage or other innovative parking solutions for the Corridor.



GATEWAY DISTRICT B ALTERNATIVE CONCEPT PLAN

The Gateway District B proposal is more development intensive, with new and enticing proposed land uses. The ideal location of the Gateway District offers many development opportunities which would take advantage of the accessibility from the 101 Freeway and Downtown. The Gateway District B will offer residents and visitors an exciting extension of Downtown that promotes revitalization and economic vitality. The Gateway District B will include a mix of land uses with a goal of drawing residents and visitors into this area. This proposal will include commercial and retail spaces, mixedincome housing, two hotels with a corresponding convention center, and small open space plazas for people to gather. These land uses will transform the Gateway District into a destination for residents, visitors, and employees by creating an entrance with distinct character, blending the existing Downtown with the Stanford in Redwood City development. Revitalization for this area will enhance the overall economy in Redwood City and interact with the new circulation proposals, making the Gateway District an accessible and thriving area.

BROADWAY CORRIDOR STUDY GATEWAY B - CONCEPT PLAN Open House Project Neg Location Map The Garage State He had a great ha and delayered in finished proposed and proposed and

PROPOSAL



Elizabeth Day | Lisa Elgin | Tim McGarvey | Erin Murphey | Sara Muse Community Planning Lab | City and Regional Planning Department | California Polytechnic State University, San Luis Obsipo

Figure 26. Gateway District B Alternative Concept Plan Poster



KEY FEATURES

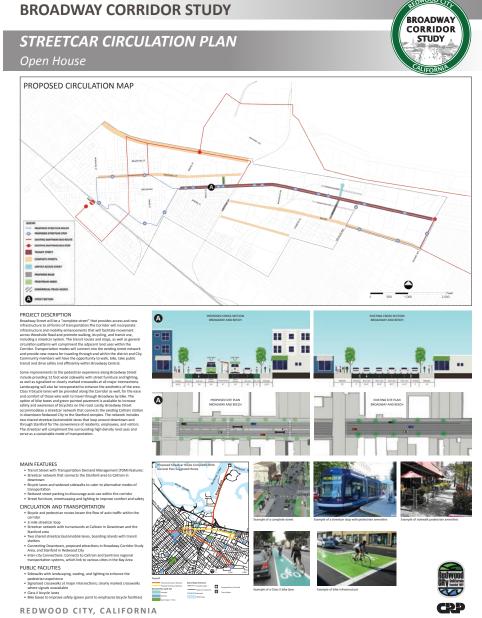
Gateway

The Gateway District B will serve a landmark area to invite residents and visitors into the Broadway Corridor. It will give travelers the option of filtering into either Downtown or Stanford in Redwood City, or stay within the Gateway and enjoy shopping, local restaurants, and other retail uses. The Gateway will include a public art feature that gives the area its own unique identity.

PUBLIC INPUT

Gateway District B received many beneficial comments regarding the proposal that will guide the team in preparing the final site plan. Overall, there was positive feedback for the idea about dividing the block on the Redwood Plaza site between Chestnut Street and Woodside Road. Most people thought this was a good idea to alleviate circulation and provide alternative entrances into the mixed income housing development and the street-front retail. Another positive comment was regarding the parking structure design. Attendees liked the idea of having a more interactive and interesting design rather than a plain concrete structure. Retail street frontage along Broadway with parking behind generated positive comments from staff. In addition, attendees voiced that they would like to see more local retail shops and restaurants in this area.

The Project Team also received suggestions and concerns about the proposed hotel and convention center's location, specifically about it being located across the street from the residential development. Other comments brought up the feasibility concerns for the gas station proposal, since Caltrans currently owns the right of way and might not allow additional curb cuts at this area. Another suggestion the team received was to close off the portion of Broadway from Chestnut to Woodside to car traffic. Overall, the Gateway District B proposal received positive feedback from City staff.



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Figure 27. Streetcar Alternative Concept Plan Poster



STREETCAR ALTERNATIVE CONCEPT PLAN

In the Streetcar Alternative Concept Plan proposal, Broadway Street will be a "complete street" that provides access and new infrastructure to all forms of transportation. The Corridor will incorporate infrastructure and mobility enhancements that will facilitate movement across Woodside Road and promote walking, bicycling, and transit use, including a streetcar system. The transit routes and stops, as well as general circulation patterns will complement the adjacent land uses within the Corridor. Transportation modes will connect into the existing street network and provide new means for traveling through and within the district and City. Community members will have the opportunity to walk, bike, take public transit and drive safely and efficiently within Broadway Central.

Some improvements to the pedestrian experience along Broadway Street include providing 12 foot wide sidewalks with street furniture and lighting, as well as signalized or clearly marked crosswalks at all major intersections. Landscaping will also be incorporated to enhance the aesthetics of the area. Class II bicycle lanes will be provided along the Corridor as well, for the ease and comfort of those who wish to travel through Broadway by bike. The option of bike boxes and green painted pavement is available to increase safety and awareness of bicyclists on the road. Lastly, Broadway Street accommodates a streetcar network that connects the existing Caltrain station in Downtown Redwood City to the Stanford

in Redwood City development. The network includes two shared streetcar/automobile lanes that loop around downtown and through Stanford for the convenience of residents, employees, and visitors. The streetcar will compliment the surrounding high density land uses and serve as a sustainable mode of transportation.

KEY FEATURES

- Transit Street with Transportation Demand Management (TDM) features:
- Streetcar network that connects the Stanford area to Caltrain in Downtown
- Bicycle lanes and widened sidewalks to cater to alternative modes of transportation
- Reduced street parking to discourage auto use within the corridor
- Street furniture, streetscaping and lighting to improve comfort and safety

PUBLIC INPUT

One of the main concerns staff had regarding the streetcar route was with the Downtown and Stanford loops. In the Downtown loop, the route follows several turns that are most likely outside of the turn radius of the streetcar. In addition, the Stanford loop runs through a residential neighborhood. The residents on 2nd Avenue are not in favor of having any public transportation on this road. The City rerouted SamTrans off this street in the past because of the number of complaints from residents.

Going into the Open House, the biggest question the Project Team had for City staff was regarding streetcar storage and maintenance. Several staff members suggested the Seaport Area, as it is currently underutilized. The Union Pacific Railroad stretches up to this area, but the City would have to work out the logistics of sharing these tracks. The Redwood City General Plan originally proposed a streetcar line that stretches from Broadway to the Seaport Area. If the City was to follow the original route, then storing the cars in the area is a possibility. However, the proposed route does not include a line to this district, so suggesting a streetcar storage yard in this area may not be feasible. Another suggestion was to store the streetcars with Caltrain. Caltrain currently has a lot dedicated to trains and SamTrans buses, and is looking to expand their parking lot. While this would be an ideal storage yard for the streetcars, the City would have to figure out how to cross the streetcar over the

Caltrain tracks. Overall, the streetcar plan received positive feedback, but several concerns were brought up regarding the feasibility and ridership.



BUS RAPID TRANSIT (BRT) ALTERNATIVE CONCEPT PLAN

In the BRT Alternative Concept Plan, Bus Rapid Transit (BRT) will be implemented to support the increased population and activity along the Broadway Corridor. According to the Redwood City General Plan, Broadway is designated as a transit street, which is wide enough to accommodate bus, bike, and car lanes. The Broadway Corridor will propose a single-direction dedicated bus lane. BRT buses will run along a continuous loop through Broadway and connect to surrounding areas. The bus system will integrate regional transportation networks and culminate at the Sequoia Caltrain Station in Downtown. The narrower portions of Broadway, such as between Douglas and 2nd Ave, will merge bus with vehicular lanes. Buses will be given priority at signalized intersections and pedestrian amenities will be enhanced at stop locations.

In order to implement the City's vision of a complete bicycle plan as proposed in the General Plan, Class I and Class II bicycle lanes will be provided along the Broadway Corridor. These will serve as recreational paths and commuting routes. The City's Bike Share facilities will also be expanded along the Corridor to increase accessibility to facilities for community members. In addition, the Broadway Corridor will provide bicycle parking facilities in close proximity to employment centers. A potential Greenway will run through the parcels located in the western portion of the Broadway Corridor. The greenway begins at 2nd Ave and extends to Marshall St.

BROADWAY CORRIDOR STUDY BROADWAY CORRIDOR BUS RAPID TRANSIT (BRT) CIRCULATION PLAN STUDY Circulation Concept Map Lane Configuration - Street Sections and Plans Complete Streets The Broadway Corridor will implement Complete Streets to accommodate all modes of transportation: Bus Rapid Transit, vehicles, bicycles, and walking. The improved transportation network shall foster a safe and inviting measurements. environment that supports the betterment of Redwood City. The following list outlines the key features of the proposal. REDWOOD CITY, CALIFORNIA

Community Planning Lab 2013 - 2014 | Professor Howard | City and Regional Planning Department | California Polytechnic State University, San Luis Obispo Figure 28. Bus Rapid Transit Alternative Concept Plan Poster



The proposed Greenway will serve bicyclists and pedestrians for travel and recreational purposes. Bike boxes will be implemented at intersections to promote safety. Broadway will maintain a consistent, twelve foot sidewalk along the Corridor wherever possible. Improving the Corridor's sidewalk conditions will increase pedestrian activity and promote a safer, comfortable walking environment. Increased pedestrian activity will stimulate business in the area. Street furniture and amenities such as outdoor seating, trees, and landscaping will be included to improve aesthetic value, wellbeing, and safety.

Crosswalks and intersections shall be enhanced to support an active, pedestrian friendly environment. The distance to cross intersections will be reduced to allow pedestrians to cross streets comfortably and safely. Pedestrian count-down signal heads will also be implemented to notify pedestrians how much time is remaining to cross the street. The configuration of the US 101 and Highway 84 interchange will alleviate traffic along the Corridor. This will reduce congestion and foster a roadway, which creates a safer and inviting walking environment for pedestrians.

PUBLIC INPUT

The City staff offered helpful feedback for the BRT group at the open house. A common concern was the potential need to reroute the bus loop because some residents did not want a bus running through their neighborhood, and certain streets could get congested. Another item of mention was the issue of managing and increasing demand for BRT system. The system would need to see an adequate rate of projected ridership to justify its existence. A suggestion was made to consider dedicated peak hours and flexibility. City staff also mentioned that there was no value to a middle turning lane where there is no access to parcels. The team was also told to consider implementing raised bus stops, with the shelter located between the bus and bike lanes. Someone suggested adding a road diet between Woodside Road and Charter Street.



FINAL CONCEPT PROPOSALS

Based on the comments received from City staff members and stakeholders on the alternative concept proposals, the Project Team prepared a set of final proposals including: The Overall Concept, two Gateway District Concepts, and two Circulation System Concepts. These final proposals were presented to City staff, a Stanford in Redwood City development representative, and outside jury at California Polytechnic State University on March 14, 2014.

A detailed discussion about the planning process and the development of the final proposals is presented in the companion report: *Broadway Corridor Study: Land Use and Circulation Concepts*.

BROADWAY CORRIDOR STUDY

OVERALL CONCEPT PLAN



Vision Statement

The Broadway Corridor will serve as a gateway to Redwood City, as well as a connection to Downtown and Stanford's Redwood City Campus. With its own distinct character, the Corridor will provide a variety of amenities which cater to the community's needs, and which encourage a sustainable and healthy lifestyle. The incorporation of safe pedestrian and vehicular infrastructure and a variety of transit options will improve the circulation in the Corridor, and encourage pedestrian activity. A diverse mix of residential, commercial, industrial and public spaces will provide a welcoming atmosphere for those who interact with the Corridor on a daily basis, as well as those visiting the area.



Overall Concept Plan

The Overall Broadway Corridor Concept is divided into three main districts: The Village District, and the Business District. Each district is designed to have a unique character that is choselve with the entire corridor, and fosters an easthetic and physical connection between the Downtown and Stanford in Grestero an easthetic and physical connection between the Downtown and Stanford in Redwood City Campus. The Broadway Corridor Concept links these districts together by providing a range of land uses and transportation options that work together to connect Redwood City Downtown to Stanford in a comfortable and sustainable way.

Transportation is vital to the Broadway Cornidor proposal. The circulation directly affects existing and proposed uses and those same uses directly affect the circulation along the cornidor. The proposal offers Broadway complete streets that provide multiple options for vehicles, public transit, bytecles, and pedestrians, to better connect the uses along the cornidor the proposal includes a Greenway that meanders through the cornidor directly connecting the Stanford campus to the Village District as well as introduce new connections within the City. This proposal will allow for an ease of movement for pedestrains, byteclists, and local residents through the corridor and offer an alternative route to lighten activity directly on Broadway.

The proposal consists of two alternatives for the transportation along Broadway that compare the difference between the proposal of a street car and a BRT system. These alternatives will work with the proposed uses along Broadway and meet the needs of those who live, work, or visit the Broadway Corridor.

Broadway Corridor Proposal A



Broadway Corridor Proposal B



Redwood City, California

Community Planning Lab 2013 - 2014 | Professor Howard | City and Regional Planning Department | California Polytechnic State University, San Luis Obispo Peter Minegar | Thomas Vogt | Fernando Herrera | Andrew Levins | Kyle Bell



Figure 29. Overall Concept Plan Poster



BROADWAY CORRIDOR STUDY

GATEWAY A - CONCEPT PLAN





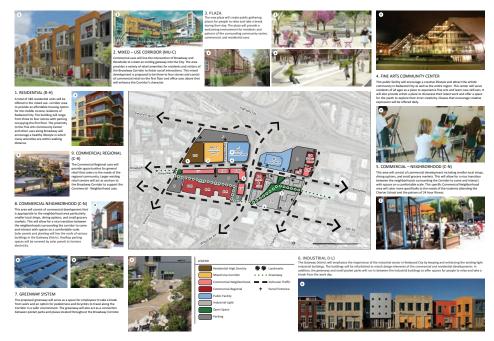






	Land titue	ı	100% Buildout	ı	Maximum Height	ı	UnitqNare	ı	90% Buildout	Projected Population Increase
П	Commercial-Neighborhood		S.12 Acres		2 Stories				4.61 April	
П	Commercial-Regional	١	2.90 Acres	Ì	5 Stories	١		Ī	2.42 ADM	
72	Mixed the Corridor		S.28 Acres		4 Stories				4.85 April	
	Residential High	١	1.79 Acres	١	4 Stories	1	108	١		286 People
	Public Facility		S.30 Acres		3 Stories				4.27 ADM	

PROPOSAL



Jonathan Chiu | Kimber Gutierrez | Julia Hill | Shelby Messner | Bailey Randall
Community Planning Lab | City and Regional Planning Department | California Polytechnic State University, San Luis Obsipo

Figure 30. Gateway A Concept Plan Poster

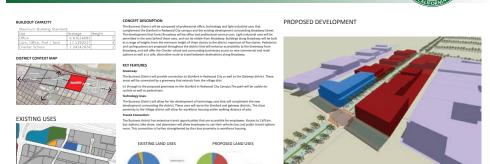
BROADWAY CORRIDOR STUDY BROADWAY CORRIDOR STUDY GATEWAY B - CONCEPT PLAN Proposed Gateway Massing Model PROPOSAL

Figure 31. Gateway B Concept Plan Poster



BROADWAY CORRIDOR STUDY

BUSINESS DISTRICT - CONCEPT PLAN



PROPOSAL

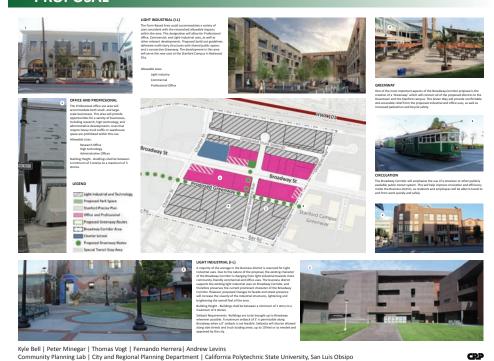


Figure 32. Business District Concpet Plan Poster

BROADWAY CORRIDOR STUDY 58

BROADWAY CORRIDOR STUDY BROADWAY CORRIDOR **VILLAGE DISTRICT - CONCEPT PLAN Existing Land Uses Buildout Capacity** PROPOSAL

REDWOOD CITY, CALIFORNIA
Community Planning Lab 2013 - 2014 | Professor Howard | City and Regional Planning Department | California Polytechnic State University, San Luis Obispo
Figure 33. Village District Concpet Plan Poster



BROADWAY CORRIDOR STUDY

STREETCAR CIRCULATION PLAN





STREETCAR CIRCULATION SYSTEM

MAIN FEATURES

- Multimodal Transportation and Easement Areas









The platforms will have transit shelters with seating and shade, sufficient signage, and lighting for safety and to provide rider information.

REDWOOD CITY, CALIFORNIA



Figure 34. Streetcar Concept Plan Poster

BROADWAY CORRIDOR STUDY BUS RAPID TRANSIT (BRT) CIRCULATION



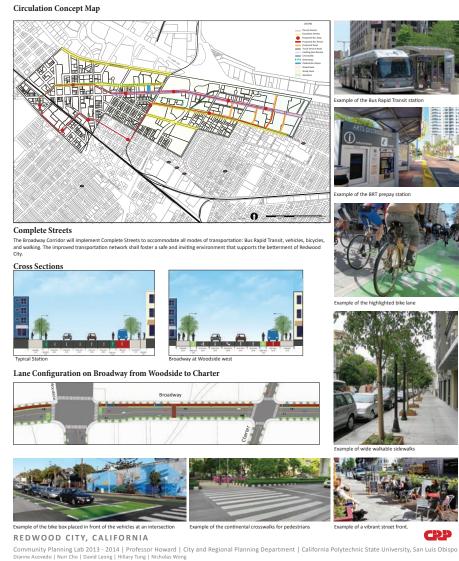


Figure 35. Bus Rapid Transit Concept Plan Poster



APPENDICES

- 1. Community Opinion Survey English
- 2. Community Opinion Survey Spanish
- 3. Workshop Agenda
- 4. Photos of Maps from Community Discussion

1. Community Opinion Survey - English



COMMUNITY OPINION SURVEY Broadway Corridor Study

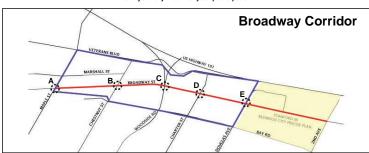


Your opinions are important!

You can help shape the future of the Broadway Corridor by filling out this survey. For each question, please check one or more choices, as indicated, or write your answer in the space provided.

Please encourage your friends and neighbors to fill out this survey online at http://broadwaycorridorstudy.wordpress.com

Thank you very much for your participation.



☐ Wor☐ Live☐ Sho☐ Owr	k	do in the Broadw	ay Corridor? (Cl	neck all that apply)	
☐ Eve ☐ A fe	ry day w times a wee w times a mor ely		orridor?		
☐ Auto ☐ Pub ☐ Bicy ☐ Wal	omobile lic Transporta rcle	t to the Broadway	y Corridor?		

] Comfortat	ole		Uncomfortable		Not Applicable
	☐ Vel ☐ Sid ☐ Blo	table," plea hicle speed hicle proxim lewalk cond lock length her (please	nity litions	cate why:		
How	comfortable de	o you feel b	oiking al	ong the Broadwa	y Corrid	or?
] Comfortat	ole		Uncomfortable		Not Applicable
	☐ Side	cle proximity walk conditi gnated bicy	ons			
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								9) Which neighborhood do you live in?	
D. CI	narter Street & B	roadway	Street					☐ Centennial ☐ Mezes Park ☐ Stambaugh Heller	☐ Redwood Village
	Driving:		Good		Fair		Poor	☐ Fair Oaks ☐ Friendly Acres ☐ Downtown	Other:
	Walking:		Good		Fair		Poor		
	Biking:		Good		Fair		Poor	10) List 3 things about the Broadway Corridor that you	ike:
E. De	ouglas Avenue 8	k Broadw	vay Street					1	
	Driving:		Good		Fair		Poor	2	
	Walking:		Good		Fair		Poor	3.	
	Biking:		Good		Fair		Poor	-	
								11) List 3 things about the Broadway Corridor that you	are most concerned about:
	h street improve		ould you lil	ke to see a	along the B	roadway C	Corridor?	1	
(Ched	k all that apply)							2	
	Parking								
F	Pedestrian/bicy							3	
	Street trees/veg		000					12) What would you like the Broadway Corridor to beco	me in the future?
F	Seating Lighting								
	Wider sidewalks	5							
	Crosswalks Bulb-outs (Side	walks ext	ensions into	the street)				
	Traffic speed co	ntrol (cor	ntrolling traff	ic flow)					
L	Other (Please s	pecify)							
	types of busine	sses/acti	ivities woul	d you like	to see alor	ng the Bro	adway		
Corri	dor? ck all that apply)							Please add any additional comments you might ha	/e·
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								. Isaas aaa ari, aaarra sariinis joa riigii ra	•
F	Retail (such as			ng stores,	etc.)				
	Dining/food serv	vice (such	n as restaura						
F	Nightlife & enter Offices (such as					C.)			
	Light industrial/r					ment labs,	auto repai		
	shops, etc.) Housing								
	Personal service					tudios, etc.)		
F	Hospitality (such Other (please s								
	, caller (produce of	, , , , , , , , , , , , , , , , , , ,						If you would like to stay involved with the Broadway 0	
								http://broadwaycorridorstudy.wordpress. Diana O'Dell at dodell@redwoodcity.org or Zelika How	
								Didnia o Don at addone to anocacity. Org of Zeijka i low	at <u>Enovara @ oaipory.odd.</u>

Public Outreach Report

2. Community Opinion Survey - Spanish

BROADWAY CORRIDOR STUDY	ENCUESTA PARA LA COMUNIDAD Estudio del Corredor Broadway
	Sus opiniones son importantes!
	ncuesta, usted puede ayudar forma el futuro del Corredor Broadway. Para cada pregunta, na o más opciones, como se indica, o escriba su respuesta en el espacio indicado.
marque u	na o mas opciones, como se indica, o escriba su respuesta en el espacio indicado. Digale a sus amigos y vecinos que llenen esta encuesta en el internet
	http://broadwaycorridorstudy.wordpress.com
	Gracias por su participación.
	Broadway Corridor
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☐ Todos ☐ Algun ☐ Algun	cuencia visita el Corredor Broadway? los dias as veses a la semana as veses al mes oca frecuencia
Autom	porte Público ota nando

	Cómodo			Incómodo		No A	Aplica
	Condi	o", indiq idad de v iciones de ño de cua azón (poi	ehículos e banqu adra	etas			
Como	se siente en bio	icleta po	r el Co	rredor Broa	dway?		
	Cómodo			Incómodo		No A	Aplica
	Carriles Tamaño	ones de la designado de cuado zón (por f	dos para ra	a bicicletas			
	es su experienc	ia en las	•		ecciones?		
	es su experienc	ia en las	•		ecciones? Satisfactorio		No satisfactorio
	es su experienc	ia en las adway	siguie	ntes interse			No satisfactorio
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D. Calle Charter & Broadway
Manejando: ☐ Bien ☐ Satisfactorio ☐ No satisfactorio
Caminando: Bien Satisfactorio No satisfactorio
Bicicleta; Bien Satisfactorio No satisfactorio
E. Avenida Douglas & Broadway
Manejando: Bien Satisfactorio No satisfactorio
Caminando: Bien Satisfactorio No satisfactorio
Bicicleta: Bien Satisfactorio No satisfactorio
(Marque las que apliquen) Mejorar estacionamiento Acceso para peatones y bicicletas Acceso para transporte público Arboles/vegetación Asientos Iluminación Banquetas más anchas Cruce para peatones Extensiones de banquetas en la calle Control de tráfico Otro (por favor explique) 8) Qué tipo de negocios o actividades le gustaría ver en Broadway?
(Marque las que apliquen) Tiendas Espacio abierto o parques Servico de comida (como restaurantes, cafeteria, etc.) Entretenimiento (como cantinas, teatro, etc.) Oficinas (de médicos, abogados, contadores etc.) Industria ligera (laboratorios de investigación y desarrollo, talleres, etc.) Viviendas Servivios personales (como lavandería, salones de belleza, etc.) Hospitalidad (como hotels, motels, etc.) Otro (por favor explique):

3. Community Discussion Agenda

Broadway Corridor Study

Community Workshop



Redwood City Corporate Yard 1400 Broadway

Saturday, November 2, 2013 10:00am – 12:30pm

Hosted By: City of Redwood City and Regional Planning Department California Polytechnic State University, San Luis Obispo

WORKSHOP AGENDA

10:00	Welcome and Introductions
10:20	Project Overview
10:30	Group DiscussionWhat do you like about the Broadway Corridor?What are your concerns about the Broadway Corridor?What would you like the Broadway Corridor to become in the future?
11:30	Group Reporting
12:00	Concluding Remarks



If you would like to stay involved with Broadway Corridor Study project, please visit http://broadwaycorridorstudy.wordpress.com Contact Diana O'Dell at <u>dodell@redwoodcity.org</u> or Zeljka Howard at <u>zhoward@calpoly.edu</u>



4. Photos of Maps from Community Discussion

