



DRAFT Memorandum

Date: December 8, 2015
To: Christina Paul, MIG
From: Gary Black
Subject: Parkside Plan – Existing Transportation Conditions

Hexagon Transportation Consultants, Inc. has prepared this memo to describe the current transportation system and existing traffic conditions in the study area of the proposed Parkside at Brisbane Village Precise Plan. The proposed Parkside at Brisbane Village area includes approximately 25 acres of public and private properties positioned between central Brisbane, Crocker Industrial Park and the primary gateway into Brisbane. The goal of the Precise Plan is to develop a plan that emphasizes a walkable, healthy and equitable community that offers accessibility, affordability, stability, diversity, safety and equity for the study area.

Within the study area of the Precise Plan, the following locations were evaluated (see Figure 1).

- Old County Road between Bayshore Boulevard and Visitacion Avenue
- Valley Drive between Park Lane and Bayshore Boulevard
- Park Lane between Old County Road and Valley Drive
- The intersection of Old County Road/Tunnel Avenue and Bayshore Boulevard
- Bayshore Boulevard between Valley Drive and Old County Road
- The intersection of Old County Road/Visitacion Avenue and San Francisco Avenue
- The Brisbane Village Shopping Center
- The pedestrian connection between the Community Park and the surrounding streets

Old County Road between Bayshore Boulevard and Visitacion Avenue

Old County Road is a curved three-lane roadway that carries traffic from/to Bayshore Boulevard and traffic from/to Tunnel Avenue. The center lane is striped as a two-way left turn lane but acts as a median because there is nothing to turn into or out of along most of the section of Old County Road, except for one small section serves as a left turn lane for traffic getting into the Brisbane Shopping Center.

The average daily traffic volume along Old County Road is 6,045 (Brisbane Baylands Draft Environmental Impact Report, June 2013). Sidewalk is available on the north side of Old County Road and partially along south side of Old County Road. There is one pedestrian crosswalk connecting the Community Park on the south side of the Old County Road to the Brisbane Village Shopping Center. This pedestrian crossing on Old County Road has pavement markings in both directions and a sign in the middle of the street (see Figure 2). There is a curve sign with posted advisory speed for eastbound traffic. For westbound traffic, there is one curve sign without an advisory speed. Residents have complained about the speed of traffic along Old County Road.

Old County Road provides the most direct connection for bicyclists travelling between the Bayshore Boulevard and Baylands area and Central Brisbane. But there are no bike lanes along Old County Road.



Valley Drive between Bayshore Boulevard and Park Ln

Valley Drive is a four-lane east-west collector street between Bayshore Boulevard and West Hill Drive. The road connects Bayshore Boulevard to Crocker Industrial Park and Brisbane City Hall. According to the Brisbane Baylands EIR, the intersection of Valley Drive and Bayshore Boulevard operates at level of service B during both AM and PM peak hours under existing conditions. The lane geometry and existing traffic volumes at this intersection are shown on Figure 3. The estimated average daily traffic volume along Valley Drive is 7,400 based on intersection counts at Bayshore Boulevard and Valley Drive (Brisbane Baylands Draft Environmental Impact Report, June 2013). Sidewalk is available on the south side of Valley Drive. There is one pedestrian crosswalk along Valley Drive in the study area with a pedestrian crossing cage in the middle of the street, which serves as a pedestrian diverter to increase safety. There are suggestions about extending Visitacion Avenue to Valley Drive. Since heavy truck traffic currently uses Valley Drive, the interface between autos and trucks needs to be addressed in designing the extension of Visitacion Avenue. Valley Drive is not a designated bicycle route, but it provides the most direct connection for bicyclists traveling between Bayshore Boulevard, Brisbane City Hall, Crocker Business Park, and Guadalupe Canyon Parkway. There is a bike lane on the south side of Valley Drive but not on the north side.

Park Lane between Old County Road and Valley Drive

Park Lane is a two-lane local street connecting Brisbane City Hall and surrounding business and residential areas to the center of Brisbane. Sidewalks are present along a small section of Park Lane between Park Place and Old County Road, as well as both sides of Park Place. These sidewalks would provide pedestrian connections for the proposed residential development along Park Place to the Community Park and other downtown areas. The residential development would generate more vehicle, bicycle, and pedestrian traffic. Further analysis would be necessary to evaluate its impacts on the existing facilities. The Crocker Park Recreational Trail loops around Crocker Park businesses in the town of Brisbane. The 2.5-mile, gravel trail begins and ends on Park Lane across from the dog park. However, sidewalks are not available on most part of Park Lane (see Figure 4). There are concerns about the connectivity between the trail and the downtown area for pedestrians and bicyclists.

The Intersection of Old County Road/Tunnel Avenue and Bayshore Boulevard

Bayshore Boulevard intersects with Old County Road/Tunnel Avenue and marks the primary gateway into the study area. This intersection will be a key meeting point between the current town and the future possible development in the Baylands, which lies just to the north of the intersection and on the eastern side of Bayshore Boulevard and the Caltrain tracks. It is the main access point to Brisbane for traffic from/to US 101. The lane geometry for this intersection is shown on Figure 3. Based on the level of service calculations from the Brisbane Baylands Draft Environmental Impact Report (DEIR) dated June 2013, this intersection is currently operating at LOS C during both the AM and PM peak hours. There are crosswalks along all approaches in this intersection.

There are bus stops located at the southwest and southeast corners of the intersection, which serve two local bus routes 292 and 397 (see Figure 1). The intersection is designed with separate right turn lanes and pork-chop islands, which provides a large turn radius for right-turn traffic to drive faster. Pedestrians need to cross the right-turn lanes, which are not signal controlled, to reach the islands. It has been suggested to remove the pork-chop islands at the intersection and tighten up the intersection design to slow down right turns and to provide signal controlled crosswalks for pedestrians.

Bayshore Boulevard is a five lane road that carries very fast-moving traffic with an average daily traffic volume of 20,135 (Brisbane Baylands DEIR, June 2013). Bike lanes are present in both directions along Bayshore Boulevard. Sidewalks are intermittent or lacking entirely along Bayshore Boulevard.

Bayshore Boulevard between Valley Drive and Old County Road

Bayshore Boulevard is a five lane road that carries very fast-moving traffic with an average daily traffic volume of 20,135 (Brisbane Baylands DEIR, June 2013). Bike lanes are present in both directions along Bayshore Boulevard. Sidewalks are intermittent or lacking entirely along Bayshore Boulevard (see Figure 4).

The Intersection of Old County Road/Visitacion Avenue and San Francisco Avenue

This intersection is the physical center of the Brisbane downtown. The main street in town, Visitacion Avenue, meets the Community Park at this spot. This intersection is flanked by some of Brisbane's most key places, including the Post Office, Teen Center, Senior Center, One San Bruno - a future mixed-use development site and the hardware store. All approaches at this five-leg intersection are controlled by stop signs. Figure 3 shows the lane geometry at this intersection.

Traffic and parking present key issues at this intersection. While there are some brick crosswalks at the intersection to make for safer crossing, the space is visually and physically dedicated to automobiles. There is parking on both sides of San Francisco Avenue, San Bruno Avenue and Visitacion Avenues, with angled parking on the east side of Visitacion. Most traffic currently enters Central Brisbane from Bayshore Boulevard at Old County Road, circles around the park and then enters this five-way intersection. As there are no signalized intersections, traffic often moves fast around the park. This intersection has been mentioned as a possible roundabout location because of the awkward and inefficient five-legged stop controlled intersection.

The Brisbane Village Shopping Center

Brisbane Village is a shopping center located between old County Road and Bayshore Boulevard. The shopping center currently serves as the entranceway into Brisbane; the sign announcing the shopping center is the primary visual clue that you have entered Brisbane. Much space is devoted to parking, the storefronts are set back behind the parking with their backs facing Bayshore Boulevard. Access to the Shopping Center is provided by driveways along Old County Road. There is no automobile access or pedestrian access from Bayshore Boulevard to the Shopping Center. People can see the Shopping Center when they drive on Bayshore Boulevard but it is not easy to find out how to access the center. A shopping center driveway directly to Bayshore Boulevard has been mentioned.

The pedestrian connection between the Community Park and the surrounding streets

The Community Park is seen as the center of Brisbane, the heart of the town center. The park is surrounded by San Francisco Avenue and Old County Road. Sidewalks are available along San Francisco Avenue on both sides in the nearby area. Except for the crosswalk at the intersection of San Francisco Avenue and Old County Road/Visitacion Avenue, there are no other crosswalks in front of the Park along San Francisco Avenue. The sidewalks along Old County Road are intermittent in the Park area. There are crosswalks at the north and west approaches at the intersection of Old County Road and Park Lane, which provides pedestrian connections between the Park and Brisbane City Hall located on the southwest corner of the intersection of Park Place and Valley Drive. However, sidewalks are entirely lacking on the park side between Park Lane and the crosswalk to the Shopping Center along Old County Road (see Figures 4 and 5).

The most direct route for people who live up on "the Ridge" along Mission Blue Drive to access the Community Park is by Monarch Drive, S Hill Drive, Valley Drive, and Park Place. There are sidewalks along this route but no bike lanes available for most of the roads along this route except on Valley Drive. There are bike lanes available along Mission Blue Drive and Bayshore Boulevard.



Figure 1
Study Area



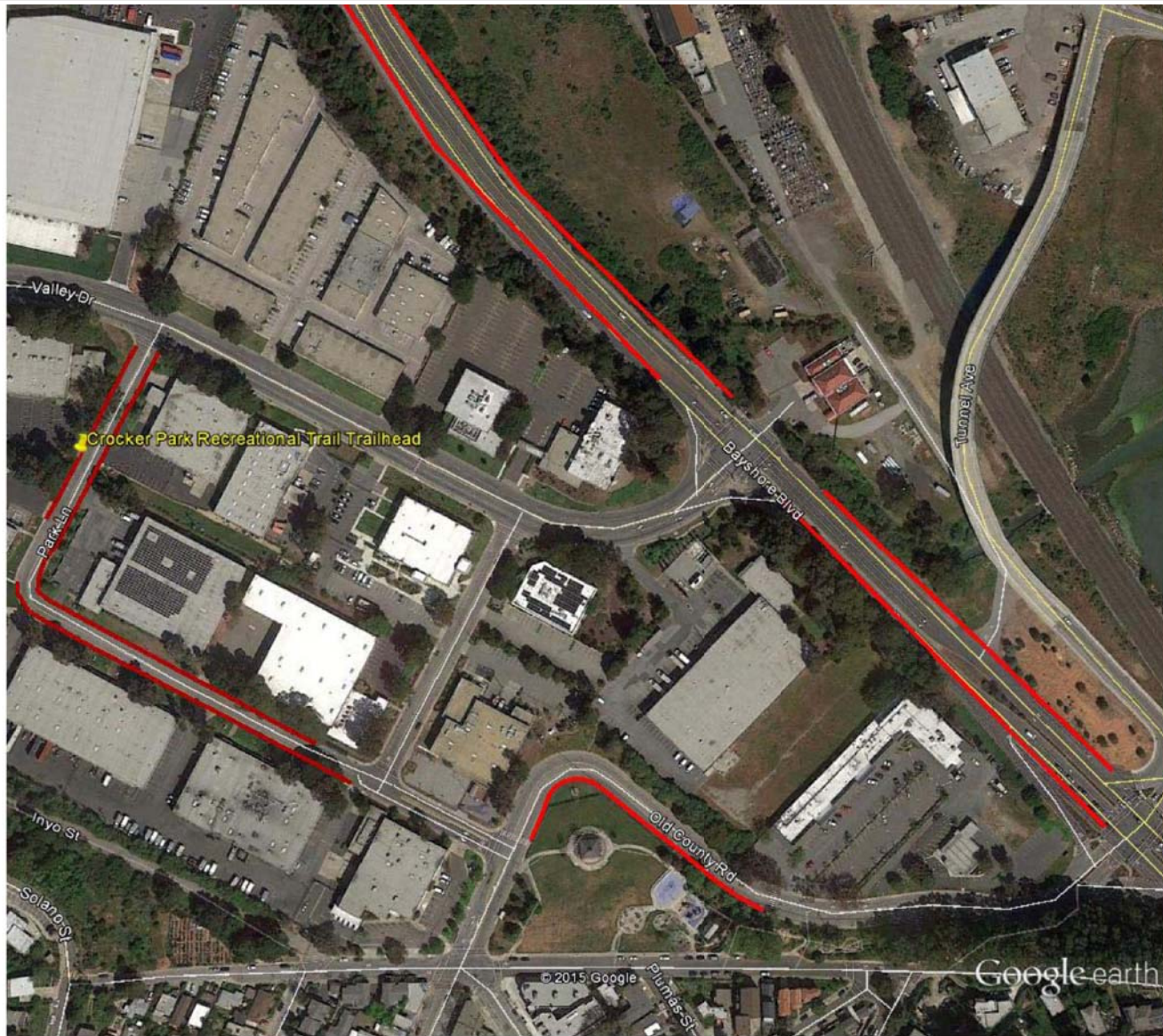
Google earth



Figure 2
Crosswalk between the Community Park and
Brisbane Village Shopping Center



Figure 3
Intersection Lane Geometry & Existing Traffic Volumes



Google earth



LEGEND

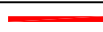
 = No Sidewalk

Figure 4
Missing Sidewalks on Old County Road, Bayshore Boulevard and Park Lane



Google earth



Figure 5

Views of Old County Road where Sidewalk Stops