

CITY OF GLENDALE, CALIFORNIA REPORT TO THE SPECIAL CITY COUNCIL

AGENDA ITEM

Report: Streetcar Feasibility Final Report

- 1. Motion to Note and File Glendale Streetcar Feasibility Study Final Report;
- 2. Motion Providing Direction Regarding Next Steps To Advance Streetcar Feasibility Study.

COUNCIL ACTION

| Item Type: Action | on Item | | |
|-------------------|--------------|----------|--|
| Approved for | June 7, 2022 | calendar | |

EXECUTIVE SUMMARY

On October 25, 2107, City Council authorized staff to hire HNTB consultant to conduct the Glendale–Burbank Regional Streetcar Feasibility Study. The purpose of the study was to evaluate a modern streetcar system that will serve as a high-capacity transit corridor linking the Glendale Transportation Center (GTC) with downtown Glendale, adjacent neighborhoods, and business districts to the north and south of downtown.

The feasibility study of the project was to analyze recommended alternatives to understand how each would operate; the locations where stops could be placed; how many riders each alternative could generate; how much each alternative best serves adjacent properties, neighborhoods, and destinations; construction and operation costs; and the impacts to traffic, parking, and utilities. Staff periodically presented the project to the City Council and Transportation and Parking Commission (TPC) and received input during the completion of the Streetcar Feasibility Study. The study is completed and contains a thorough evaluation of two proposed alignments. Alternative 1: Central/Brand Loop and Alternative 2: Central/Brand Two Way. Alternative 2 was identified as a likely preferred alignment for implementation. The final draft of the Streetcar Feasibility Study and Design Report (Exhibit 1).

COUNCIL PRIORITIES

- **Economic Vibrancy** The project will increase mobility and accessibility to local business centers and facilitate economic development.
- **Community Services & Facilities** The project will create a significant new multi-modal mobility option and help to re-balance existing road infrastructure to better serve riders in Glendale and to encourage economic development, climate resilience, and equity.
- **Sustainability** The project could improve air quality, while reducing vehicle mile travel (VMT) and enhance the multi-modal transportation network.

RECOMMENDATION

Staff respectfully recommends the City Council provide feedback, note and file the report regarding the Streetcar Feasibility Study, and direct staff regarding next steps on advancing the study.

BACKGROUND

For decades, the City of Glendale has discussed re-establishing a streetcar system in Downtown Glendale. Streetcar concepts were discussed or evaluated by the Greater Downtown Strategic Plan (1996), the Downtown Mobility Study (2007), and as part of workshops for the draft South Glendale Community Plan in July and August of 2016. On October 24, 2016 the streetcar concept was presented to the Transportation & Parking Commission (TPC). The Commission was supportive of conducting a new streetcar study.

On July 25, 2017 the City Council authorized staff to conduct the Glendale–Burbank Regional Streetcar Feasibility Study to study and evaluate alignment and design alternatives, various technologies, potential ridership, cost estimates, funding sources, and preliminary impacts. However, the completion of the Streetcar Feasibility Study was slowed due to Covid-19, in addition to the development of studies such as the NoHo-Pasadena Bus Rapid Transit, West Glendale Sustainable Transportation and Land Use Study, Space 134, and adoption of the Citywide Pedestrian Plan. The advancement of these initiatives has been important to informing and shaping the Streetcar Feasibility Study to ensure that compatibility and operability between all modes and systems will create a cohesive multi-modal network. The final result is a highly comprehensive Streetcar Feasibility Study. There are two alternatives that were analyzed under this feasibility study, Alternative 1: Central/Brand Loop and Alternative 2: Central/Brand Two Way Central / Brand Bi-Directional. Alternative 2 was received by the City Council as a preferred alternative as it is the most direct streetcar route making it more intuitive for transit users. This alternative has built in ridership potential as it serves many existing transit users already accustomed to using transit. In addition, this alternative avoids conflicts with the Metro's proposed BRT service on Central Avenue and would solidify Brand Blvd as a multi-modal transportation corridor with pedestrian activity interacting with local bus and streetcar service. Ridership estimates for Alternative 2 range between 1,500 and 4,000 riders per day, depending on the development patterns and operating characteristics of the streetcar.

While conducting the feasibility study, project staff launched a streetcar website (www.glendalestreetcar.com) to obtain feedback from stakeholders and the public. Overall, nearly 88% of respondents supported the streetcar feasibility study.

ANALYSIS

Analysis of Downtown Glendale Streetcar System and Alternatives

Alternative 1 - Central/Brand Loop: Beginning at the GTC, this alternative runs bidirectional (two tracks) along Central Avenue north to Lomita Avenue. North of Lomita Avenue, the alternative creates a single-track loop by running northbound on Central Avenue, then heading eastbound on Stocker Street, and then running southbound on Brand Boulevard until the route turns west on Lomita Avenue and continues south on Central Avenue.

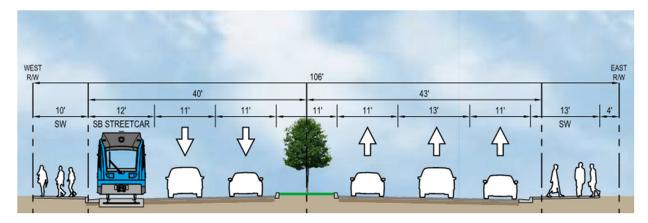
Alternative 2 – Central/Brand Two-Way: Beginning at the GTC, this alternative runs bidirectional (two tracks) along Central Avenue north to Lomita Avenue, utilizes Lomita Avenue (or another nearby cross street) to transition to Brand Boulevard, then runs bidirectional on Brand Boulevard to Stocker Street.

Alternative 1: Central/Brand Loop: Alignment and Operational Characteristics Along Central Avenue, between San Fernando Road and Colorado Street, the roadway has two lanes in the northbound and southbound direction, a center turn lane, and parallel parking along the curb. This segment of Central Avenue is a blend of residential and commercial properties fronting the sidewalks, creating a corridor of walkable destinations that would attract streetcar ridership. Streetcars would use the right lane in both the northbound and southbound direction, adjacent to parallel parking.

The Central/Brand Loop configuration would begin at Colorado Street. Northbound streetcars would use the right lane of Central Avenue north to Stocker Street, continuing east on Stocker Street, and then southbound in the right lane of Brand Blvd returning to Colorado Street.

Central Avenue, between Colorado Street and Stocker Street, has two through lanes northbound with right turn lanes and some parallel parking. An overhead pedestrian bridge is located north of Galleria Way; streetcars would traverse under this bridge without impact to the structure. Northbound Central Avenue has some commercial properties fronting the sidewalks; and several multi-family developments.

The loop would continue around Stocker Street and head southbound on Brand Blvd in the right lane. Brand Blvd has a mix of two and three through lanes southbound, right turn lanes, and a mix of angled parking, parallel parking, valet parking lanes, and loading zones. Brand Blvd has commercial and residential properties fronting both sides of the street with good pedestrian activity and connectivity. Alternative 1 Cross-Section on Brand Boulevard, Colorado Street to Broadway, Looking North



Station Locations

Station locations are ideally spaced 3 to 5 blocks apart, located on or adjacent to sidewalks so streetcar customers can board the right side of the streetcar, similar to a bus. Each station contains a concrete platform at equal height with the floor of the streetcar vehicle to facilitate level boarding for ADA access. Each station is approximately 8 to 10 feet wide, and 80 to 95 feet long. Potential station locations for alternative 1 include –

- Glendale Transportation Center (terminus)
- Central/San Fernando (northbound and southbound)
- Central/Chevy Chase (northbound and southbound)
- Central/Maple (northbound and southbound)
- Central/Americana (northbound) and Brand/Americana (southbound), between Americana and Broadway on each street
- Central/California (northbound) and Brand/California (southbound)
- Central/Doran (northbound) and Brand/Doran (southbound)
- Central/Arden (northbound) and Brand/Arden (southbound)
- Stocker (Eastbound)

Alternative 2: Central/Brand Bi-Directional: Alignment and Operational Characteristics

Alternative 2 would follow the same route on Central Avenue as Alternative 1 between the Glendale Transportation Center and Colorado Street with identical features and considerations along this section. Streetcars would use the right lane in both the northbound and southbound direction, adjacent to parallel parking.

The streetcar tracks would transition from Central Avenue to Brand Boulevard in the area between Maple Street and Colorado Street. If this alternative is selected, during future project study phases, the design for the streetcar will consider a variety of cross

streets to connect from Central Avenue to Brand Boulevard, including Maple Street, Chestnut Street, Lomita Street, and Elk Avenue. The northbound and southbound tracks could also be split between two cross streets (e.g., northbound could use Maple Street to cross from Central Avenue to Brand Boulevard, and southbound could use Lomita Street to cross from Brand Boulevard to Central Avenue).

Once on Brand Boulevard, streetcars would use the right lane in both the northbound and southbound directions. This section of Brand Boulevard has a mix of two and three through lanes in each direction, left and right-turn lanes, and a mix of angled parking, parallel parking, valet parking lanes, and loading zones. The travel lanes and parking/loading/valet lanes will be configured to maintain two lanes of traffic adjacent to the streetcar. Along Brand Boulevard, signalized pedestrian crosswalks occur mid-block between signalized intersections. The route would be evaluated for the potential to add additional traffic signals to control cross traffic safely across the tracks in the next phase of design.

The streetcar tracks would cross SR-134 and continue north to a terminus just south of Stocker Street. Northbound streetcars would unload customers at a station platform, the operator would switch cab ends, and the streetcar would pick up customers from the platform to begin its southbound trip.

Alternative 2 Cross-Section on Brand Boulevard, Colorado Street to Broadway, Looking North

| WEST RW | | | 106' | | | EAST RW |
|------------|---------------------|--|------|-------------------|---------------------|-------------------|
| | 12' SB STREETCAR | | | 43' - 13' | 11' NB STREETCAR | 8' 5' 4' SW 4' |

Potential station locations for Alternative 2 include:

- Glendale Transportation Center (terminus)
- Central/San Fernando (northbound and southbound)
- Central/Chevy Chase (northbound and southbound)
- Central/Maple (northbound and southbound)
- Brand/Americana (northbound and southbound), between Americana and Broadway
- Brand/California (northbound and southbound)
- Brand/Doran (northbound and southbound)

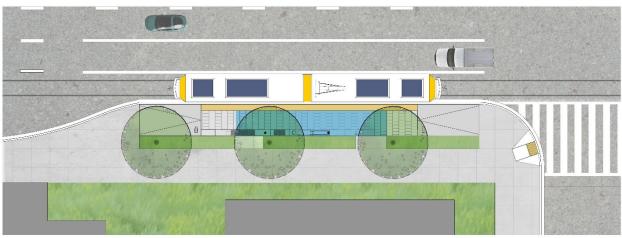
- Brand/Arden (northbound and southbound)
- Brand/Stocker (terminus)

Station Design

The Design Report of the Streetcar Feasibility Study provides the basic design, best lane configuration, station layout and the location and general layout of the operation and maintenance facility (OMF).

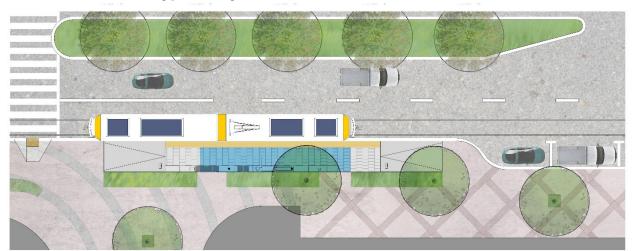
Bump-Out Station: A typical station layout for a curbside "bump out" station, where the roadway width is sufficient to place the boarding platform adjacent to the existing sidewalk. Bump-outs also shorten the crossing distance for pedestrians who are crossing the street. In areas where a bump-out is not feasible, station platforms will be integrated into the sidewalk.

Sidewalk Station: A typical station layout integrated into the sidewalk at locations where a Bump-Out station is not feasible.



Bump-Out Station – Typical Layout

Sidewalk Station – Typical Layout



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Parking and Traffic Impacts

Potential impacts to traffic and parking along the proposed corridors were assessed for both alternatives. Based on the alignments of the alternatives, the movements (i.e., left turn, right turn, or through) that the streetcar would make at each intersection along the route were identified. In addition, intersections that would be located near stations were identified. Existing weekday AM and PM peak period traffic volumes were obtained for 16 key intersections.

In general, traffic operations would not be substantially affected at intersections at which the streetcar makes a through movement, as it would cross the intersection at the same time as other vehicles traveling in the same direction. Opportunities to improve and potentially mitigate any mobility impacts can be addressed through signal timing modifications and the addition of transit-preferential treatments. Both strategies can provide improved mobility for through vehicles along the corridor.

In addition, the northbound and southbound directions along Central Avenue and Brand Avenue are the primary traffic movements. Signal timing strategies can include progression for these vehicular movements, minimizing stops along the corridor and between transit stops, and increasing overall green time for the roadway along which the streetcar operates. Transit preferential treatments, including transit signal priority, may be easier to implement for Alternative 1, as the streetcar would operate in a one-way loop for the northern half of the alignment. With two-way operations, there could be situations when both northbound and southbound trains arrive at an intersection simultaneously; at these times, the signalization plans can only prioritize one movement at a time.

At intersections where the streetcar makes a turn, there is a greater potential for impact on traffic intersection operations due to the need for separation of time (signal timing) and space (turning geometry) between the streetcar and vehicles. Because of their larger turning radius, the streetcar vehicle may require additional space to complete a turning maneuver, which can impact adjacent travel lanes and create potential conflicts. Therefore, dedicated signal phases are provided to allow a transit vehicle to initiate and complete a turning maneuver without any conflicts. This exclusive time would require a transit vehicle to be in position at the front of a vehicle queue and to have all conflicting movements (vehicle and non-motorized) stopped. As a result of the exclusive time, traffic operations could be impacted.

The relative scale of the impacts can vary depending on existing intersection operations, available capacity, upstream and downstream configurations, and the signal timing and phasing. Based on these factors, there is the potential for impacts to traffic operations at the following intersections, and further analysis will be required in future phases of design:

- Central Avenue and Lomita Avenue (both Alternatives)
- Central Avenue and Stocker Street (Alternative 1 only)

- Brand Avenue and Stocker Street (Alternative 1 only)
- Brand Avenue and Lomita Avenue (both Alternatives)

In addition to potential traffic impacts due to turning movements, additional operational issues could occur at intersections adjacent to planned stations. An important consideration is whether each station will be nearside (before the intersection) or farside (after the intersection). These issues would be studied further in forthcoming refined design stages.

The focus of the parking analysis is to document on-street parking inventory within the study area along the proposed alignments and to identify potential impacts due to the guideway and station locations. Parking types within the study area include a range of parking management strategies such as unpaid time limited, paid time limited, loading zones, and valet spaces. There are a total of 350 total parking spaces along Central Avenue between Railroad Street and Stocker Street (166 on the west side of the street and 184 on the east side). All parking spaces along Central Avenue are parallel to the curb with a mixture of unpaid timed and paid/metered time spaces.

There are a total of 417 parking spaces along Brand Boulevard between Lomita Avenue and Stocker Street (194 on the west side of the street and 223 on the east side) with a mixture of angled and parallel parking spaces.

The guideway would not result in the loss of parking where the adjacent parking is parallel to the curb. Since all parking on Central Avenue is parallel, the guideway would not result in the loss of parking on Central Avenue under either alternative.

At locations where there is angled parking, the parking would need to be reconfigured as parallel parking to eliminate conflicts with the streetcar, resulting in a loss of parking in these areas. Table 1 shows the potential loss of parking spaces on Brand Boulevard resulting from each alternative, based on the conceptual designs conducted for this feasibility study. During future design efforts, it may be possible to optimize the design to reduce the loss of parking.

Because Alternative 1 travels in only the SB direction on Brand Boulevard, it has approximately half the parking impact as Alternative 2 along Brand Boulevard: the total number of parking spaces that would be eliminated under Alternative 1 is 60 spaces, all along the west side of Brand Boulevard. Alternative 2 would eliminate another 63 spaces on the east side of the street, for a total of 123 spaces.

| Table 1 | : Parking | Alternatives | Analysis |
|---------|-----------|--------------|----------|
|---------|-----------|--------------|----------|

| Parking Spaces Eliminated | | | | | |
|---|----------------------------|-----------|---------------|---------------|-----------|
| | Existing Parking Spaces | | Alternative 1 | Alternative 2 | |
| Segment | West Side | East Side | West Side | West Side | East Side |
| Stocker Street - Dryden Street | 39 | 36 | 0 | 0 | 0 |
| Dryden Street - Fairview Avenue | 14 | 19 | 0 | 0 | 0 |
| Fairview Avenue - Glenoaks Boulevard | 11 | 9 | 0 | 0 | 0 |
| Glenoaks Boulevard - Arden Avenue | 0 | 0 | 0 | 0 | 0 |
| Arden Avenue - Monterey Road | 3 | 0 | - 3 | - 3 | 0 |
| Monterey Road - Goode Avenue | 0 | 0 | 0 | 0 | 0 |
| Goode Avenue - Sanchez Drive | 0 | 0 | 0 | 0 | 0 |
| Sanchez Drive - Doran Street | 4 | 0 | - 4 | - 4 | 0 |
| Doran Street - Milford Street | 7 | 0 | - 7 | - 7 | 0 |
| Milford Street - Lexington Drive | 19 | 11 | - 8* | - 8* | 0 |
| Lexington Drive - California Avenue | 33 | 33 | - 15* | - 15* | - 14* |
| California Avenue - Wilson Avenue | 31 | 26 | - 8* | - 8* | - 12* |
| Wilson Avenue - Broadway | 0 | 29 | 0 | 0 | - 11* |
| Broadway - Harvard Street | 4 | 15 | 0 | 0 | - 10* |
| Harvard Street - Caruso Avenue | 0 | 8 | 0 | 0 | 0 |
| Caruso Avenue - Colorado Street | 7 | 9 | 0 | 0 | - 4* |
| Colorado Street - Elk Avenue | 8 | 12 | - 3* | - 3* | - 4* |
| Elk Avenue - Lomita Avenue | 14 | 16 | - 12* | - 12* | - 8* |
| Total | 194 | 223 | -60 | -60 | -63 |

Source: Kittelson & Associates, 2020

* - assumes conversion from angled parking to parallel parking

OPERATIONS AND MAINTENANCE FACILITY (OMF)

The OMF would handle inspection, servicing, maintenance, and repair activities to keep the streetcar vehicles in service. It is assumed the OMF would be designed to accommodate at least six streetcar vehicles for the opening of the system. Since the type of streetcar vehicle is unknown at this early study stage, the OMF concept assumes a maximum vehicle length of 82 feet and a maximum vehicle width of 8 feet-8 inches.

The OMF will include an enclosed building that contains maintenance bays and a single wash bay. It will also contain an office area for administration and operations staff and maintenance support areas with shop/storage space. The yard for the OMF will contain track to access the site and storage tracks. An employee/visitor parking lot will be part of the design.

OMF Concept Plan

Following figure shows an OMF concept at a potential site located next to the GTC, adjacent to the recently constructed Beeline OMF. The site is on an existing city-owned surface parking Lot and private property that may need to be acquired. This site is conceptual at this time, and more detailed design phases for the project will examine this and other potential sites in greater detail. The conceptual OMF layout at this potential site shows four indoor bays and two outside storage tracks along with associated offices and other operations uses. This site and other potential sites will be reviewed in more detail during subsequent project phases.

COMPARISON OF PRELIMINARY ALTERNATIVES

Based on conceptual engineering and operational analysis, both Alternative 1 and Alternative 2 are feasible and functional; however, the two alternatives each have advantages and disadvantages.

Table 2 summarizes the key characteristics of the route alternatives. The two alternatives have similar lengths, number of stations, end-to-end travel times, and capital costs.

Alternative 2 has slightly higher forecast ridership, as well as lower operating costs, because it serves a single, more established commercial corridor in downtown Glendale. However, Alternative 2 would also focus potential construction and parking impacts on that corridor, Brand Boulevard.

Alternative 1 would serve a larger geographic area, supporting recent and ongoing mixed-use development on Central Avenue, but the one-way loop is less intuitive for riders and causes indirect travel for some trips. The alignment on Central Avenue north of Broadway also would potentially conflict with Metro's planned BRT and the existing bike lanes in that area.

Alternative 2 would reinforce Brand Boulevard as a multi-modal corridor in accord with local plans with the most direct and easy to understand route that serves the heart of downtown Glendale. It would concentrate potential economic development benefits on Brand Boulevard, but since Brand Boulevard is already a highly built environment, there may be fewer redevelopment opportunities.

Because Alternative 2 has higher forecast ridership, has the most intuitive route for riders, best serves the established commercial corridor along Brand Boulevard, and

would not conflict with Metro's planned BRT alignment, it is recommended that Alternative 2 be considered for further planning, engineering, and environmental evaluation. Alternative 2 has also been identified by the City Council as a likely preferred alignment.

Table 2: Alternatives Summary

| Category | Alternative 1 Central/Brand Loop | Alternative 2 Central /Brand Two-Way | |
|---|---|--|--|
| Route length | 2.9 miles end-to-end (5.8 miles of track) | 2.9 miles end-to-end (5.8 miles of track) | |
| Number of stations/station pairs | 9 | 9 | |
| Ridership | 1,400 to 3,800 per weekday | 1,500 to 4,000 per weekday | |
| End-to-end travel time (AM/PM/Off-peak), minutes | 44/50/38 | 44/51/35 | |
| Major shopping destinations, hotels, and cultural attractions along alignment | 9 | 10 | |
| Residential units along alignment | 579 | 281 | |
| Commercial uses along alignment (square feet) | 6.2 million | 8.15 million | |
| Existing daily transit riders along route | 3,537 | 3,921 | |
| Traffic impacts from operations Potentially greater impacts due to additional turning movements | | Potentially fewer impacts due to fewer turning movements | |
| Parking impacts (on-street spaces removed) | 90 to 94 | 153 to 157 | |
| Construction impacts | Greater flexibility within each street More streets impacted | Greater impact on each streetFewer streets impacted | |

| Capital Cost | • \$200 - 300 Million | • \$250 -300 Million |
|----------------|--------------------------|-----------------------|
| Operating Cost | • \$7.4 Million /year | • \$6.6 Million /year |

Capital Cost

The methodology used to generate the capital cost estimates is consistent with Federal Transit Administration (FTA) guidelines. The basis of FTA guidance on cost estimating is its Standard Cost Categories (SCC), which enables all FTA-funded projects to develop budget baselines in a uniform manner and enables projects to develop budget baselines that summarize to the SCC.

The capital cost estimate includes guideway and track, stations, ancillary facilities such as the OMF, system, right-of-way, vehicles, design, and other professional services. The estimate also includes potential utility relocation, impacts to surface structures, temporary construction impacts, environmental consideration, various maintenance facilities locations, and right-of way requirements. The capital cost estimates of the recommended alternative in 2020 dollars (no escalation) by SCC is estimated \$495.391 Million.

Operating Costs

Operating costs were derived from National Transit Database annual operating costs for similar streetcar systems on a per-route mile basis including, Tucson Sun Link, Q— Line Detroit, Seattle Streetcar, Kansas City Streetcar, Portland Streetcar, and Cincinnati Bell Connector and estimate annual vehicle hours based on the operating schedule. This analysis utilizes a planning level revenue cost of \$250/hour. Although there is potential for the Glendale Streetcar to operate at a lower cost per hour, \$250/hour is appropriate for this early stage of project development. Based on the following schedule developed in this study:

| Total Annual Revenue Hours | 26,558 |
|----------------------------|---------------|
| Cost Per Hour | 250 |
| Annual Operating Cost: | \$6.6 million |

PROJECT SEQUENCES

Construction and operation of the project is not funded at this time. The Feasibility Study has explored methods of project financing, and offers a comparison of similar

streetcar projects around the U.S. A proposed project sequences is below:



STAKEHOLDERS/OUTREACH

Outreach was conducted through a project website (<u>www.glendalestreetcar.com</u>), as well as key stakeholder and business groups within the city. Updates and presentations were also provided to City Council as well as the Transportation and Parking Commission.

Feedback from the Transportation and Parking Commission was largely centered on the impacts to the Beeline and better understanding whether this would take away ridership, or if it would complement the system. This is information that would need to be better investigated in future phases of the study. The TPC did support the streetcar's ability to better support cyclists, particularly how it can connect to the transit center, but also didn't want the streetcar to preclude any future transit expansion opportunities to the south. The TPC also emphasized the importance of connections to future projects such as the NoHo to Pasadena BRT. Feedback also considered the ability to fund the project through creative resources such as district taxing and learning from other projects and their funding sources. The TPC expressed their support for their bi-directional alternative to avoid conflicts with the BRT and for user intuitiveness.

FISCAL IMPACT

There is no fiscal impact associated with noting and filing this report and providing direction.

ENVIRONMENTAL REVIEW (CEQA/NEPA)

Staff has determined that the actions of noting and filing the subject report and providing direction are exempt from further environmental review under the California Environmental Quality Act ("CEQA") pursuant to Title 14 of the California Code of Regulations ("CEQA Guidelines") for all of the following reasons: 1) the activity is not subject to CEQA because the noting and filing and direction provided will not result in direct or reasonably foreseeable indirect physical change to the environment under CEQA Guidelines Section 15060(c)(2); 2) the activity is not a project under CEQA Guidelines Section 15060(c)(3) and 15378(b)(4) because it constitutes the creation of government funding mechanisms or other governmental fiscal activity that does not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment; and 3) the activity is exempt from further environmental review under CEQA pursuant to CEQA Guidelines Section 15262 because it funds only feasibility or planning studies for possible future actions which the City has not yet approved, adopted, or funded. Moreover, the activity is exempt and not subject to further CEQA review under the common sense exemption because it can be seen with certainty

that the activity, consisting of receiving the subject report and noting and filing it, as well as providing direction as to next steps, would not have a significant effect on the environment, pursuant to CEQA Guidelines Section 15061(b)(3). Environmental review of any future streetcar project will be conducted at the time the project receives authorization to proceed.

CAMPAIGN DISCLOSURE

This item is exempt from campaign disclosure requirements.

ALTERNATIVES

Alternative 1: Note and file and provide comments on the final Draft Streetcar Feasibility Study, and direct staff to pursue further opportunities for the project and/or provide other direction.

Alternative 2: Note and file and provide comments on the final Draft Streetcar Feasibility Study, but direct staff not to pursue any further opportunities for the project and/or provide other direction.

Alternative 3: Any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Prepared by:

Bradley Calvert, Assistant Director of Community Development Fred Zohrehvand, Principal Mobility Planner

Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS/ATTACHMENTS

1. Final Streetcar Feasibility Report