



# City of San Antonio

## Agenda Memorandum

**File Number:**

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**Agenda Item Number:** 24

**Agenda Date:** August 18, 2022

**In Control:** City Council A Session

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**DEPARTMENT:** Transportation Department

**DEPARTMENT HEAD:** Tomika Monterville

**COUNCIL DISTRICTS IMPACTED:** Citywide

**SUBJECT:**

Multi-Modal Corridor Studies

**SUMMARY:**

Ordinance adopting Harry Wurzbach, Marbach Road, and West Avenue as the remaining Multi-Modal Corridor Study areas.

**BACKGROUND INFORMATION:**

In 2018, the Alamo Area Metropolitan Planning Organization (AAMPO) approved four (4) \$1 million, multi-modal transportation studies under corridor mobility planning as a Local Agency Managed project (LAM) project of the AAMPO 2019-2022 Transportation Improvement Program (TIP). Funded by the Texas Department of Transportation (TxDOT), the first corridor studied was Culebra Rd from IH-10 to Loop 1604 (13 miles). This corridor study is anticipated to be completed by December 2022, with a final round of public input scheduled for September 2022. The remaining three corridors were not selected in 2018 with the adoption of the 2019-2022 TIP. The amended FY 2021-2024 TIP (amended in April 2022) included the extension of the schedule to complete the three remaining studies in 2023, 2024 and 2025, respectively.

The Transportation Department presented to the Transportation and Mobility Committee on May 13, 2022 and June 21, 2022 the three (3) proposed corridor studies and evaluation process. The Committee

recommended approval of the three (3) recommended roadway segments: 1.) Harry Wurzbach Road, 2.) Marbach Road, and 3.) West Avenue, for full City Council consideration. The corridor studies will be used to create planning-level design concepts to improve multi-modal mobility and increase pedestrian and bicycle safety on the studied corridor segments. It is anticipated that these studies will inform the design of future construction projects (e.g. 2022 Bond, Capital Improvement Plan, etc.). Additionally, the recommended Marbach Road Corridor segment includes a 2022 Bond Program drainage project from Loop 410 to Horal Drive.

The evaluation criteria the department identified included City-owned roadways that had existing transit service for consideration of future recommended corridors for multi-modal transportation studies. Thirteen (13) corridors were identified for further evaluation and suitability of potential corridors for multi-modal studies based on the criteria below:

1. **Transit Service**
  - a. Existing or planned transit service operating on the corridor
  - b. Does the corridor connect to other roadways that have transit service
2. **Transit Ridership**
  - a. Significant transit ridership and/or is planned for high-capacity transit service
3. **Major Activity Centers, & Traffic Generators** (e.g. Educational institutions, employment, military and shopping centers, social services, etc.)
  - a. Connection to high-volume activity centers which generate high pedestrian, bicycle, transit or automobile trips
4. **Traffic Volume**
  - a. High volumes of automobile traffic which impact the safety, congestion and trip reliability for all modes
  - b. High volumes of pedestrian or bicycle traffic
  - c. Result in improved trip reliability
  - d. Result in increased throughput of people
5. **Safety**
  - a. On the Vision Zero Severe High Injury Network (HIN)
  - b. High volume of multi-modal trips that increase potential conflicts between modes
  - c. Have accessible sidewalks and/or bicycle lanes
  - d. Existing pavement issues
6. **Equity**
  - a. Adjacency to at least one census tract that has a high percentage of low-income or minority populations according to the City's Equity Atlas
7. **SA Tomorrow Centers**
  - a. Part of any SA Tomorrow Regional or Neighborhood Center Plans
8. **Bond Projects**
  - a. Part of or in close proximity to current or planned Bond projects

### **Summary of Selected Corridors**

#### **Harry Wurzbach Road Summary:**

- Connectivity to several major high ridership transit routes; 30% ridership increase on Route 647 (North Star/Harry Wurzbach)
- Gateway to Ft. Sam Houston, the final resting place of United States Veterans
- Growth in high-density residential units
- High volume of vehicle trips which increase potential for crashes
- Supports Airport and Ft. Sam Houston SA Tomorrow Plans

Marbach Road Summary:

- Connectivity to several major high ridership transit routes; 613 (Heritage), 615 (Heritage Park); and 618 (Heritage Park)
- Heritage Square major employment center
- High volume of vehicle trips which increase potential for crashes
- Vision Zero High Injury Network (HIN) (Cable Ranch to Loop-410)
- Significantly low-income/minority Census Tracts
- Supports 2022 Drainage Bond Project

West Avenue Summary:

- Connectivity to several high ridership transit routes including the X93 (I-10/UTSA Express) which has seen an increase in ridership by 140.5% between March 2021 and March 2022; X103 (Zarzamora Primo); and X95 Fredericksburg Primo up 13.4 % in ridership
- High volume of multi-family housing units
- High volume of vehicle trips which increase potential for crashes
- Vision Zero High Injury Network (HIN) (Gilbert to Hermosa)

Date	Item
April 23, 2018	Approval of the AAMPO 2019-2022 Transportation Improvement Program (TIP) by the AAMPO Transportation Policy Board to include Corridor Planning
January 16, 2019	Release of RFQ (Request for Qualifications) for Multimodal Planning Study for Culebra Road (from IH-10 to Loop 1604)
May 7, 2020	Council Approval of Advanced Funding Agreement (AFA) with TxDOT and Approval of a Professional Services Agreement (PSA) with WSP USA, Inc. for Culebra Road
April 21, 2022	AAMPO Transportation Policy Board Approval of amended FY 2021-2024 TIP for extension of schedule to complete three (3) remaining studies
May 13, 2022	Transportation and Mobility Commission Briefing and Consideration of the proposed three (3) remaining multi-modal transportation studies and recommended roadways
June 21, 2022	Transportation and Mobility Commission Briefing and Consideration of the proposed three (3) remaining multi-modal transportation studies and recommended roadways – Recommended for full Council Consideration
August 18, 2022	Council Consideration adopting Harry Wurzbach, Marbach Road, and West Avenue as the remaining Multi-Modal Corridor Studies

**ISSUE:**

Corridor Studies of these selected roadway segments are necessary to determine the appropriate multi-modal improvements. Upon approval of the recommended corridors segments for the AAMPO/TxDOT studies, staff will prepare the scope of work for a High-Profile solicitation to award one contract for all three studies to the selected consultant(s).

Date	Item
January 2023	RFQ Pre-Solicitation Briefing to Audit and Accountability Committee and RFQ Release
February 2023 – April 2023	Pre-Submittal Conference and Evaluation Period
May 2023	RFQ Post-Solicitation Briefing to Audit and Accountability Committee
June 2023	Council Consideration of Advanced Funding Agreement and Professional Services Agreement

July 2023	Contract Start
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## **ALTERNATIVES:**

Should the Council identify other corridors as potential study corridors, the Department will have to re-evaluate the corridors. Further analysis will delay the solicitation process for the selection of a consultant(s) to complete the three (3) multi-modal corridor studies funded by AAMPO/TxDOT.

## **FISCAL IMPACT:**

Approval of this item does not encumber funds or require the City to incur expenses.

Subsequent to the approval of this item, the Transportation Department will begin the solicitation process to procure consulting services for these studies and return to City Council for consideration and approval of both the funding agreement and Professional Services Agreement(s).

The grant has a 20% (\$200,000) local match for each of the three (3) corridor studies. The matching funds have been appropriated within the General Fund for Fiscal Years 2021 and 2022 for a total of \$400,000.00. The final matching funds of \$200,000.00 are contingent upon approval of the FY 2023 Proposed Budget.

The Culebra Corridor Grant Award was \$880,000.00 with a \$220,000.00 matching requirement.

## **RECOMMENDATION:**

The Transportation Department recommends approval of Harry Wurzbach Road, Marbach Road, and West Avenue as the selected Multi-Modal Corridor Studies.