



CITY OF SAN ANTONIO TRANSPORTATION DEPARTMENT

Multi-Modal Corridor Studies

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City Council "A" Session
August 18, 2022

MULTI-MODAL CORRIDOR STUDIES



Background

- In 2018, the Alamo Area Metropolitan Planning Organization (AAMPO)/Texas Department of Transportation (TxDOT) approved four (4), \$1 million multi-modal studies.
 - The first corridor identified for study was Culebra Rd, from IH-10 to Loop 1604 (13 miles)
- On June 21, 2022, the Transportation & Mobility Committee Meeting recommended the selected corridors of Harry Wurzbach Road, Marbach Road and West Avenue as the three (3) remaining AAMPO/TxDOT studies for full Council consideration

MULTI-MODAL CORRIDOR STUDY CRITERIA



Methodology

The methodology used by the Department to identify recommended corridors for study included the selection of City-owned collector and arterial roadways which were evaluated based on the following criteria:

1. Transit Service
2. Transit Ridership (*March 2022 VIA Data*)
3. Major Activity Centers & Traffic Generators
4. Traffic Volume (*2020 TxDOT Data*)
5. Safety/Vision Zero High Injury Network (HIN)
6. Equity (Low-Income or Minority Census Tracts)
7. SA Tomorrow Plans
8. Within ¼-mile of a Park
9. Bond Projects (Planned)



PROPOSED MULTI-MODAL CORRIDORS



Roadway Name (1-3-mile Study Limit)**	VIA Transit Route Numbers	Average Weekday Transit Ridership ¹	Major Activity Centers/Traffic Generators	Average Daily Trips (ADT) (Auto) ²	Vision Zero High Injury Network (HIN) ³	Equity (Census Tracts with Low Income & Minority) ⁴	SA Tomorrow Plans	Within 1/4 mile of SA Park	Bond Projects
Harry Wurzbach (410 - Sam Houston Blvd)	8, 14, 505, 509, 552, 647	7,628	Ft. Sam Houston, High-density residential	84,589	N/A	N/A	Airport, Fort Sam Houston		N/A
Marbach Road	552, 612, 613, 615, 617, 618	5,525	Loop 410-Marbach Rd Commercial Center	80,036	Yes	Yes	N/A		2022 - Drainage
West Avenue	93, 95, 96, 97, 100, 103, 505, 509, 552, 651	15,848	Fredericksburg Road Primo, Zarzamora Street Primo	62,958	Yes	Yes	N/A		N/A
S. New Braunfels Avenue	20, 22, 24, 25, 26, 28, 30, 32, 34	10,277	New Braunfels Frequent, Brooks, Ft. Sam Houston, Pittman-Sullivan Park/Davis-Scott YMCA Brooks Transit Center, Tx	50,354	Yes	Yes	Ft. Sam Houston & Brooks		2017 & 2022 (E Houston to Paso Hondo)
Zarzamora Street	62, 64, 66, 67, 68, 75, 76, 77, 79, 82, 88, 89, 90, 95, 96, 97, 100, 103	19,633	Zarzamora Street Primo, South Park Mall, Woodlawn Lake	71,999	Yes	Yes	TAMU-SA		2022 (S Zarzamora Railroad Overpass)
Gen. McMullen Drive	62, 64, 66, 67, 68, 75, 76, 77, 79, 82, 522, 524	9,044	Port SA, St. Mary's University	94,167	Yes	Yes	Port SA		N/A
Blanco Road	2, 90, 505, 509, 534, 552, 651	7,707	Downtown, Midtown	49,557	Yes	Yes	Airport & Midtown		N/A
W. Commerce Street	25, 66, 75, 76, 103, 522, 524	9,728	Our Lady of the Lake University, Downtown, Centro Plaza	110,145	Yes	Yes	Downtown		2017
Basse Road	2, 3, 4, 5, 7, 97, 505, 651	6,821	High-density residential, Alamo Quarry Market, Olmos Park	74,638	N/A	Yes	Airport		N/A
Goliad Road	7, 32, 34, 515, 552	2,804	Brooks, McCreless Market, Social Security Administration	35,177	N/A	Yes	Brooks		2017
Pecan Valley	28, 30, 32, 34, 515	3,892	Brooks, High-density residential, Southside Lions Park	58,819	N/A	Yes	Brooks		N/A
Southcross Boulevard	7, 24, 28, 32, 345, 36, 42, 43, 44, 46, 51, 103, 515, 524	20,105	McCreless Market, Social Security Administration	42,491	Yes	Yes	Brooks		2017 & 2022 (Southcross Blvd Phase 2)
Woodlawn Avenue	2, 3, 4, 5, 8, 88, 89, 90, 93, 95, 96, 97, 100, 103, 522, 524	21,073	High-density residential, St. Mary's University, Woodlawn Park	41,165	Yes	Yes	Midtown		N/A

*Bold - Staff recommended corridors; ** Study Limits to be determined upon selection of study corridors.

¹ VIA Ridership - March 2022; ² Texas Dept. of Transportation Data - 2020; ³ High Injury Network - Vision Zero Hot Spot Corridors; ⁴ One or more Census Tracts with Low-Income or Communities of Color

N/A - Does not have a high volume of VZ crashes; does not have census tracts that have high numbers of low-income and minority residents; and do not have SA Tomorrow Plans or existing or planned Bond Projects.

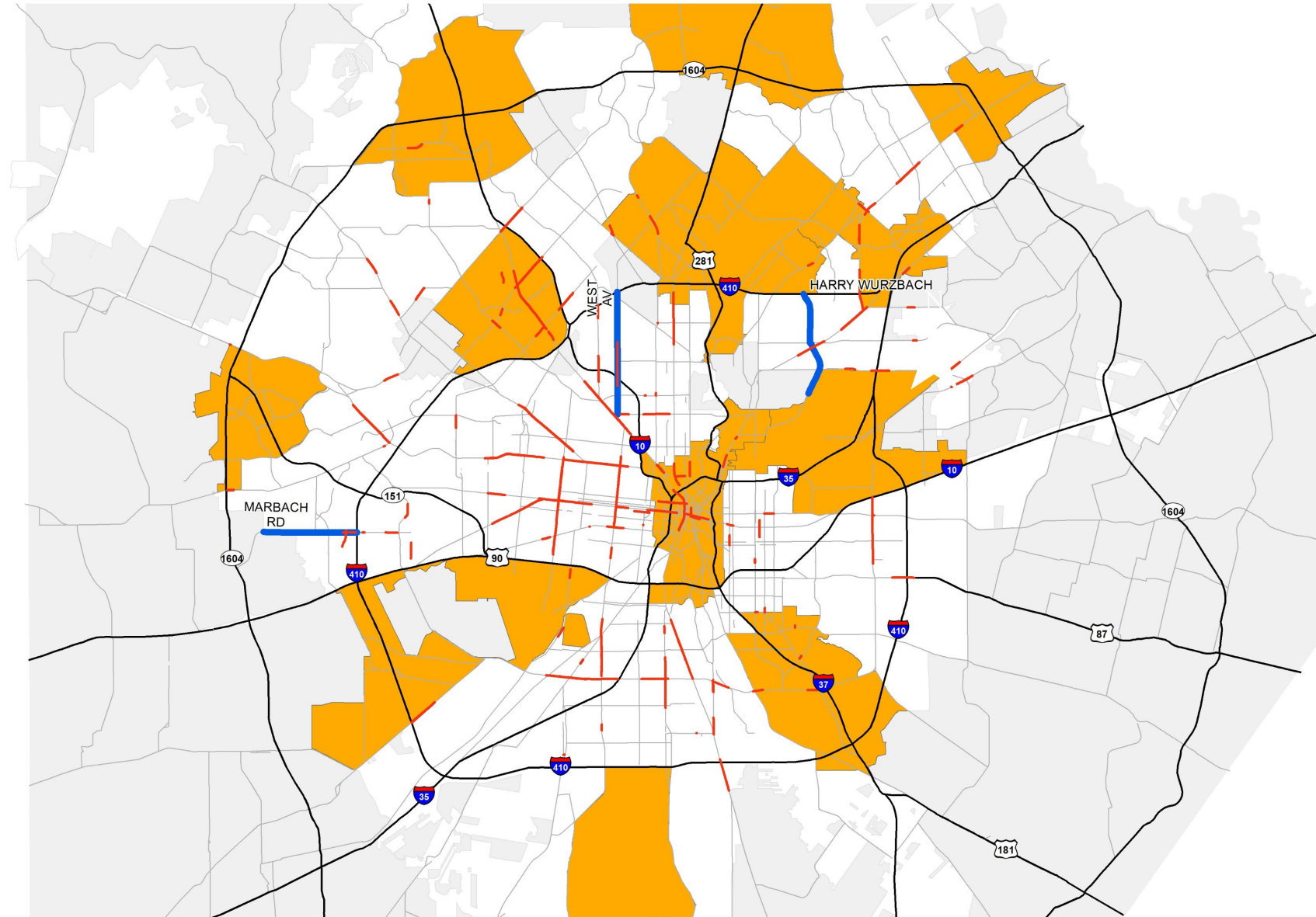
MULTI-MODAL CORRIDOR STUDIES



Recommended Corridors

- Based on the recommended criteria the Transportation Department recommends Harry Wurzbach Road, Marbach Road, and West Avenue for multi-modal corridor studies.

Corridor	Limits	Length	SPIA (Severe Pedestrian Injury Area)	VIA Avg. Weekday Boardings	VIA Avg. Weekday Alightings	VIA Avg. Weekday Total Activity
Harry Wurzbach	Loop 410 to Fort Sam Houston Gate	4.2 miles	No	278	271	549
Marbach Rd	Loop 410 to City Limits	2.7 miles	Yes (Cable Ranch to Loop 410)	391	461	852
West Ave	Loop 410 to Hildebrand	3.5	Yes (Gilbert to Hermosa)	1,666	1,665	3,331



**CITY OF SAN ANTONIO
TRANSPORTATION
DEPARTMENT**

Recommended Corridor
SATomorrow Regional Centers
Severe Pedestrian Injury Area

N
0 1 2 4 Miles
Date: 7-15-2022



Proposed Multimodal Study Corridors

MULTI-MODAL CORRIDOR STUDIES



Fiscal Impact

The Department has a 20% (\$200,000) local match for each corridor study which have been appropriated within the General Fund for Fiscal Years 2019, 2020, 2021 and 2022:

Year 1	Project 23-01853 – Cash Match \$220K, Grant funds - \$880K
Year 2	Cash Match – Public Works – General Fund Carryforward - \$200K
Year 3	Cash Match – Transportation – General Fund Carryforward - \$200K
Year 4	Cash Match – Transportation – General Fund FY 22 Budget - \$200K

PROPOSED MULTI-MODAL CORRIDORS



Recommendation

- The Transportation Department recommends approval of the proposed multi-modal transportation corridor selection criteria and recommended corridors for study.

Next Steps

- Provide TxDOT with the final scope of work for the multi-modal studies upon selection of the three (3) corridors
- Prepare the Advanced Funding Agreement (AFA) with TxDOT for the three (3), multi-modal studies to be completed annually in FY '23, FY '24 and FY '25
- High profile solicitation – Fall 2022
- Seek to award one firm for consistency and continuity of study theme



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