

PLANNING COMMISSION ACTION

2011-08 West Airport Boulevard

APPLICANT: Fort Bend County & Planning and Development Department, City of Houston

KEY MAP: 566C

LAMBERT: 3082

JURISDICTION: ETJ, Fort Bend County

DISTRICT/PRECINCT: County Pct. 4

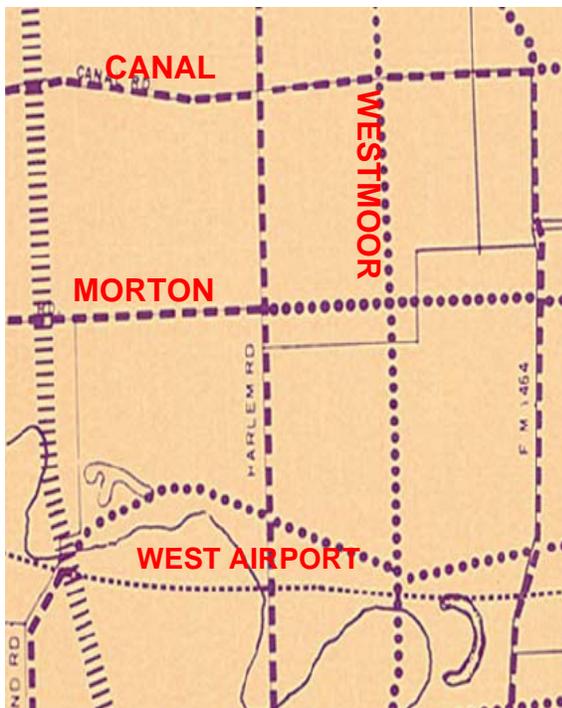
PROPOSAL:

To add West Airport Boulevard between Grand Parkway and Harlem Road as a major thoroughfare. Houston's MTFP does not show this segment as a major thoroughfare.

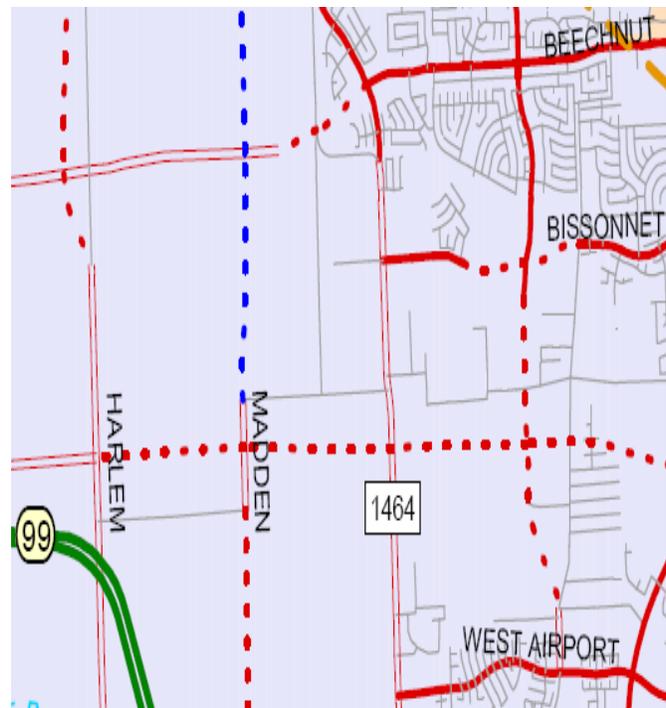
JUSTIFICATION & HISTORY:

The intersection of West Airport Boulevard and Harlem Road was included within Extraterritorial Jurisdiction (ETJ) in 1972. In 1997 SH 99 alignment was adjusted to current alignment. West Airport Boulevard between Harlem Road and SH 99 was deleted from the Major Thoroughfare and Freeway Plan (MTFP) in 2003.

Fort Bend County's (FBC) recommends keeping the proposed extension of West Airport Boulevard between Grand Parkway and Harlem Road on the MTFP as an interchange is proposed at Grand Parkway. The proposed extension will improve connectivity. Grand Parkway Association supports this addition to the MTFP.



1986 MTFP



2003 MTFP

PLANNING COMMISSION ACTION

STAFF RECOMMENDATION:

Add West Airport Boulevard between Grand Parkway and Harlem Road as a major thoroughfare. Houston's MTFP will be changed.

JUSTIFICATION:

The proposed 0.3 mile extension of West Airport Boulevard between SH 99 and Harlem Road is the remaining segment that would complete the major thoroughfare grid in this area. The proposed addition will improve local traffic circulation and east-west access in the general area. The Average Daily Traffic projections from Fort Bend County's Sub-Regional Travel Demand Model indicates 15,681 trips along this segment in 2026.

MOBILITY:

West Airport Boulevard is a 32.6 mile long thoroughfare between IH 45 and SH 99. Only three segments totaling 2.4 miles have not been constructed. The proposed extension of West Airport Boulevard to Harlem Road is 0.3 mile segment that will improve connectivity and access. The map and table below reflect the Travel Demand Model (TDM) result for the 2026 build-out scenario with West Airport Boulevard as a four-lane divided major thoroughfare. The build-out scenario in 2026 allows us to understand the future conditions taking into account the thoroughfares network within the study area. The FBC Sub-Regional TDM indicates West Airport Boulevard from Grand Parkway to Harlem carries the ADT of 15,681 in 2026 projection.

PLANNING COMMISSION ACTION:

Add West Airport Boulevard between Grand Parkway and Harlem Road as a major thoroughfare.

PLANNING COMMISSION ACTION

2026 AVERAGE DAILY TRAFFIC - WEST AIRPORT BOULEVARD		
STREET	SEGMENT	ADT
FM 1464	W. Bellfort to W. Airport	25,077
FM 1464	W. Airport to Old Richmond	20,420
FM 1464	Old Richmond to Owens	27,891
FM 1464	Owens to Grand Parkway	16,249
Old Richmond	FM 1464 to Voss	16,769
Old Richmond	Voss to W. Airport	18,050
Old Richmond	W. Airport to W. Bellfort	22,643
SH 6	US 90 A to University	52,999
SH 6	University to Voss	52,720
SH 6	Voss to W. Airport	52,657
SH 6	W. Airport to W. Bellfort	55,548
Voss	Old Richmond to SH 6	23,315
Voss	SH 6 to Burney	15,419
Owens	Harlem to FM 1464	22,804
Owens	FM 1464 to US 90A	29,995
US 90A	SH 6 to Owens	115,049
W. Airport	Burney to SH 6	26,642
W. Airport	SH 6 to Old Richmond	42,665
W. Airport	Old Richmond to FM 1464	34,460
W. Airport	FM 1464 to Westmoor	29,658
W. Airport	Westmoor to Grand Parkway	19,047
W. Airport	Grand parkway to Harlem	15,305
Westmoor	W. Bellfort to W. Airport	26,388
Harlem	W. Bellfort to Grand Parkway	11,194
Harlem	Grand Parkway to W. Airport	14,402
Harlem	W. Airport to Owens	25,298
W. Bellfort	SH 6 to Old Richmond	14,545
W. Bellfort	Old Richmond to Clodine	17,894
W. Bellfort	Clodine to FM 1464	12,259
W. Bellfort	FM 1464 to Westmoor	10,645
W. Bellfort	Westmoor to Harlem	21,589

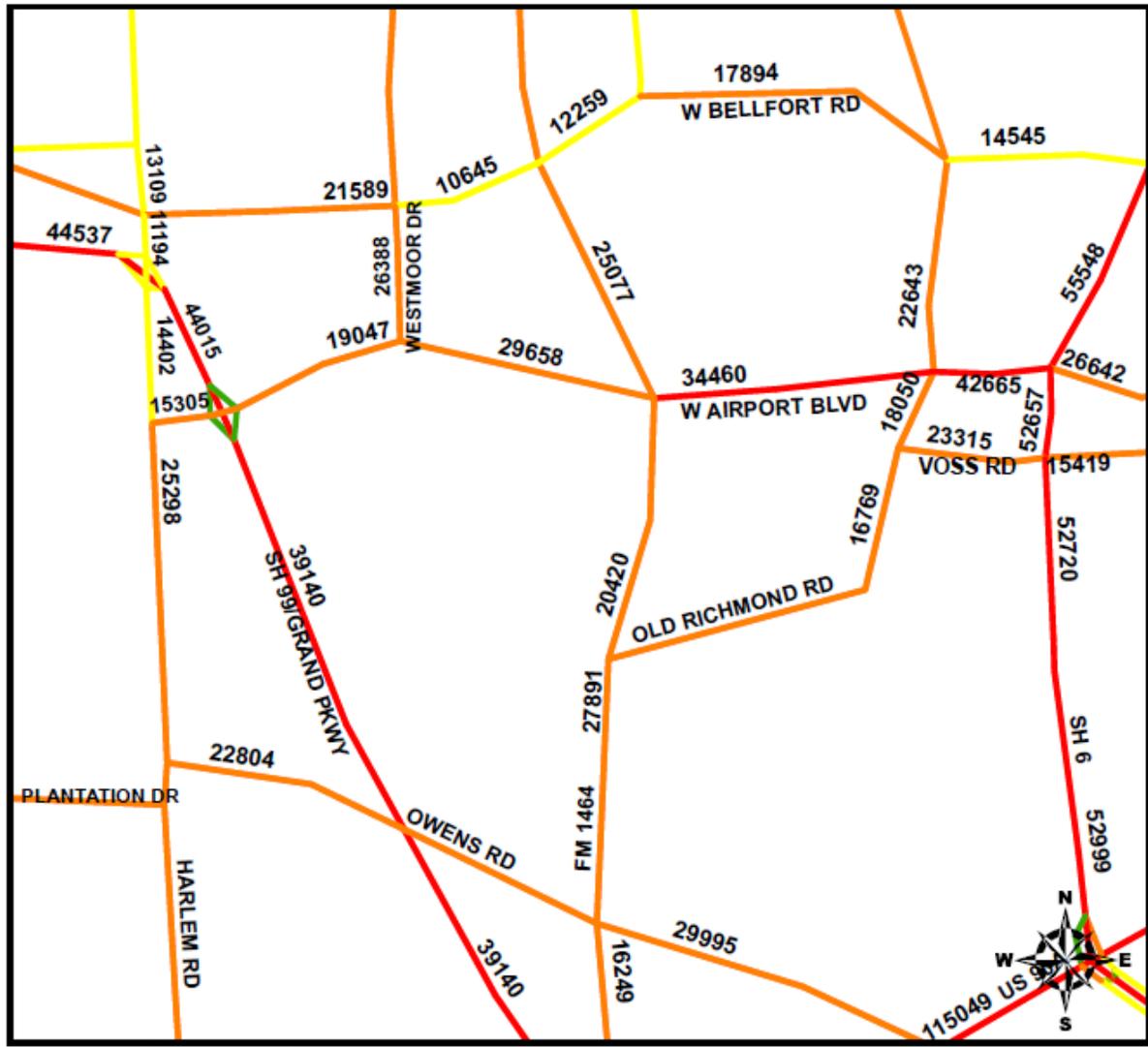
PLANNING COMMISSION ACTION

West Airport Boulevard Average Daily Traffic (ADT)

ADT

0 - 1500 1501 - 5000 5001 - 15000 15001 - 30000 30001 - 321339

2026



Planning & Development Department



2011 Special MTFPA Requests: Fort Bend County
W. Airport Blvd.

**WATERSIDE
 ESTATES**

W. Belfort

Westmoore

Harlem Rd

Grand Pkwy

W. Airport Blvd

Oyster Creek

**SHILOH LAKE
 ESTATES**

Oyster Creek

COH Staff Recommendation

- Add Major Thoroughfare

COH MTFP 2010

- Proposed Freeway
- TBW Freeway
- Freeway
- Major Thoroughfare
- TBW Major Thoroughfare
- Proposed Major Thoroughfare
- Major Collector
- TBW Major Collector
- Proposed Major Collector
- Transit Corridor Street
- Proposed Grand Parkway

Fort Bend County MTP

- INTERSTATE
- TOLL
- STATE
- FM
- PUBLIC MAJOR THOROUGHFARE
- PROPOSED TOLL
- PROPOSED STATE
- PROPOSED FM
- PROPOSED CITY AND COUNTY
- Waterway
- City Limits
- Limited Purpose Annexation
- Houston ETJ
- Houston ETJ
- County

