

# PLANNING COMMISSION ACTION

## 2011-09 Old Richmond Road

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

**KEY MAP:** 567C, F, G, K, J

**JURISDICTION:** ETJ, Fort Bend County

**LAMBERT:** 4652, 4752, 4651

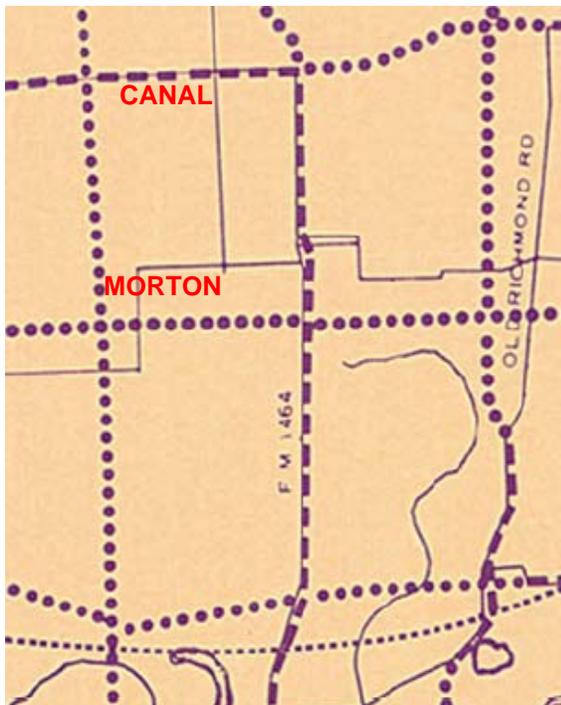
**DISTRICT/PRECINCT:** County Pct. 4

### PROPOSAL:

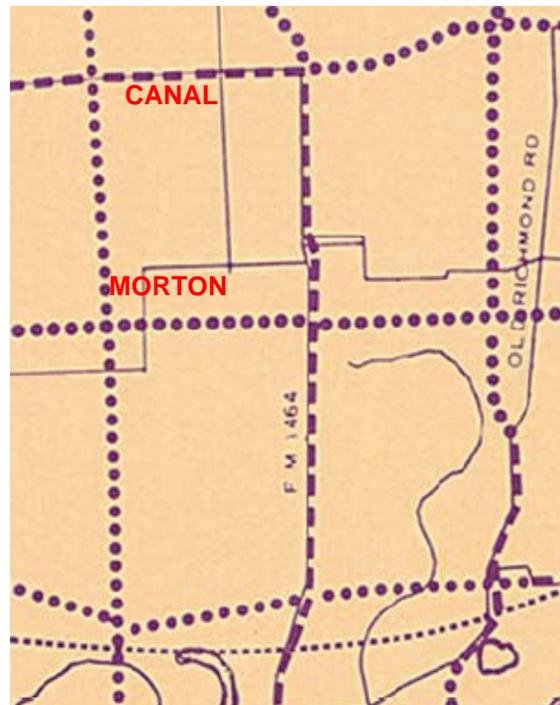
To add Old Richmond Road between West Airport Boulevard and FM 1464 as a major thoroughfare to Houston's MTFP. Fort Bend County's MTFP already reflects this alignment as a major thoroughfare.

### JUSTIFICATION & HISTORY:

Portion of Old Richmond Road alignment was included on the Major Thoroughfare and Freeway Plan (MTFP) maps as a major thoroughfare on the 1972 MTFP map as a part of proposed extension of Addicks Clodine Road. The 1976 MTFP includes the complete Old Richmond Road within the Planning Commission Jurisdiction. Addicks Clodine Road alignment extended due south of Oyster Creek to the ETJ boundary in 1980 and an unnamed east-west thoroughfare was added to the MTFP. In 1984 the unnamed east-west thoroughfare was realigned north of Oyster Creek and south of Old Richmond Road. In 1990 Addicks Clodine Road, south of West Airport Boulevard, and the unnamed east-west thoroughfare east of FM1464 are deleted from the MTFP. The remainder of the unnamed east-west thoroughfare was later deleted in 1991.



1972 MTFP

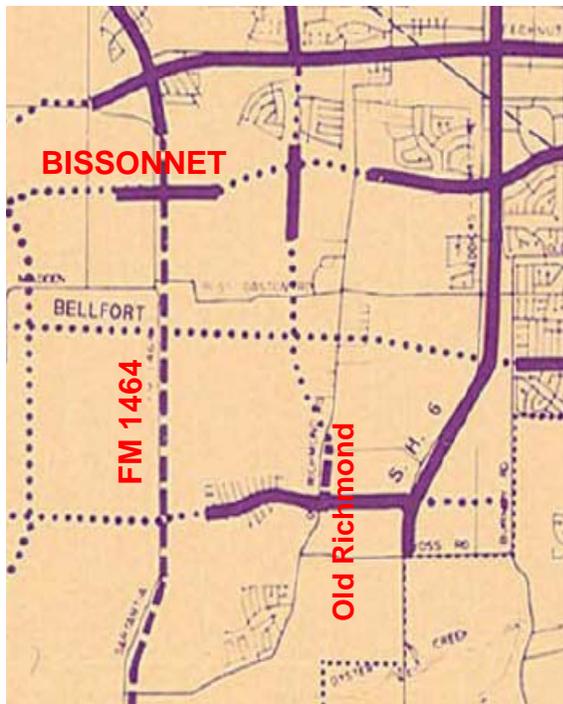


1980 MTFP

The proposed alignment of Addicks Clodine Road, north of West Airport Boulevard aligns with Old Richmond Road. The existing ROW along Old Richmond Road varies between 80' and

# PLANNING COMMISSION ACTION

100'. Fort Bend County's (FBC) Major Thoroughfare Plan (MTP) identifies Old Richmond Road a major thoroughfare.



1990 MTFP



2009 MTFP

## STAFF RECOMMENDATION:

Add Old Richmond Road between West Airport Boulevard and FM 1464 as a sufficient width major collector To Houston's MTFP.

## JUSTIFICATION:

Old Richmond Road between West Airport Boulevard and FM 1464 is a 2.1 mile long segment. However, once it is extended to Addicks Clodine, it will become a 7.26 mile long segment extending from FM 1464 to Westheimer Road. Single family residential subdivisions along Old Richmond Road have provided right-of-way dedications widening creating a minimum ROW width of 80 feet, between W. Airport and FM 1464. However, since it was not previously designated as a major thoroughfare, most of the single family residential lots backing on Old Richmond Road were platted without a 25 feet building setback. The Travel Demand Model projections, generated from Fort Bend County's subregional model, indicated 16,769 trips in 2026 south of Old Richmond Road. Given the existing single family residential subdivisions along Old Richmond Road staff recommends designating Old Richmond Road as a sufficient width major collector and not a major thoroughfare.

## MOBILITY:

Old Richmond Road is a 4 mile long two-lane roadway that extends between Bissonnet Street and FM 1464. The section between Boss Gaston Road and FM1464 is programmed for rehabilitation in the current FBC Mobility Projects.

# PLANNING COMMISSION ACTION

Old Richmond Road between West Airport Boulevard and FM 1464 is a 2.1 mile long segment. Major thoroughfare Addicks Clodine aligns with Old Richmond Road at West Airport Road. Addicks Clodine between West Airport Boulevard and Westheimer Road is approximately 5.16 miles. The thoroughfare segment between West Airport Boulevard and Bissonnet Street has not been constructed. Old Richmond FM 1464 and SH 6 are the primary north-south thoroughfares and West Airport Boulevard and West Bellfort Street are the main east-west thoroughfares. The build-out scenario in 2026 allows us to understand the future conditions taking into account the thoroughfare network in the study area. FBC Sub-Regional Travel Demand Model (TDM) results for Old Richmond Rd. are as follows:

- 31% increase in ADT for Old Richmond Rd. from FM 1464 to Voss Road. The ADT in this segment increases from 12,799 in 2011 to 16,769 in 2026.
- The ADT for Old Richmond between Voss Road and West Airport Boulevard increases by 110% from 2011 to 2026.
- Based on the Sub Regional Model, the ADT for Burney Road decreases from 23,356 in 2011 to 18,116 in 2026. This represents a 22% reduction in ADT.

## PLANNING COMMISSION ACTION:

Add Old Richmond Road between West Airport Boulevard and FM 1464 as a sufficient width major collector.

AVERAGE DAILY TRAFFIC COMPARISON - OLD RICHMOND ROAD				
STREET	SEGMENT	2011	2026	% Change
FM 1464	W. Bellfort to W. Airport	20,479	25,077	22%
FM 1464	W. Airport to Old Richmond	11,485	20,420	78%
Old Richmond	FM 1464 to Voss	12,799	16,769	31%
Old Richmond	Voss to W. Airport	8,608	18,050	110%
Old Richmond	W. Airport to W. Bellfort	15,487	22,643	46%
SH 6	US 90 A to University	N/A	52,999	N/A
SH 6	University to Voss	N/A	52,720	N/A
SH 6	US 90 A to Voss	26,423	N/A	N/A
SH 6	Voss to W. Airport	34,856	52,657	51%
SH 6	W. Airport to W. Bellfort	32,266	55,548	72%
Voss	Old Richmond to SH 6	16,405	23,315	42%
Voss	SH 6 to Burney	8,882	15,419	74%
W. Bellfort	Burney to SH 6	24,485	40,941	67%
W. Bellfort	SH 6 to Old Richmond	9,443	14,545	54%
W. Bellfort	Old Richmond to Clodine	11,585	17,894	54%
W. Bellfort	Clodine to FM 1464	9,780	12,259	25%
W. Airport	Burney to SH 6	21,261	26,642	25%
W. Airport	SH 6 to Old Richmond	31,505	42,665	35%
W. Airport	Old Richmond to FM 1464	21,759	34,460	58%

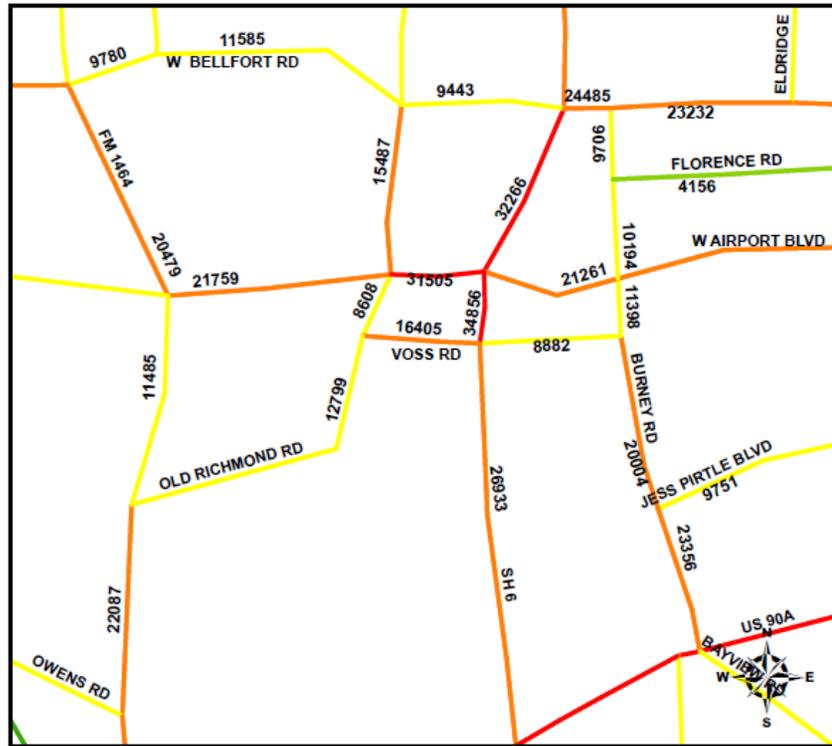
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## Old Richmond Road Average Daily Traffic (ADT)

### ADT

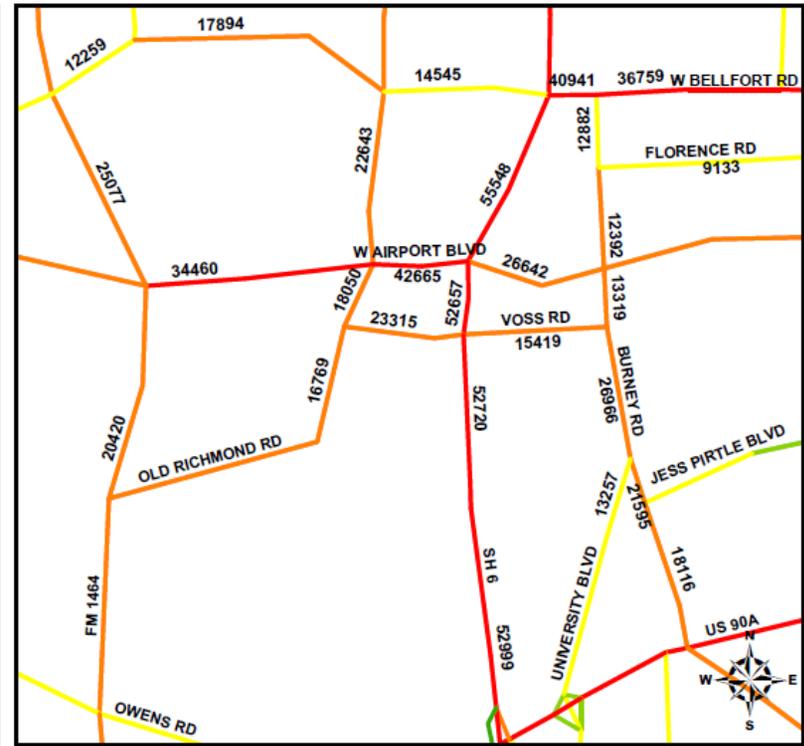
0 - 1500 1501 - 5000 5001 - 15000 15001 - 30000 30001 - 321339

2011



0 0.5 1 Miles

2026



Planning & Development Department



# 2011 Special MTFPA Requests: Fort Bend County

## Old Richmond Rd.

### COH Staff Recommendation

- Add Major Collector
- 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 Line
- County

