

**CITY PLAN COMMISSION
TRANSPORTATION COMMITTEE**

AGENDA DATE: July 1, 2010
COUNCIL DISTRICT: 2
DEPARTMENT: Public Works and Transportation
CMO: AC Gonzalez, 670-3390
MAPSCO: 45K, P

SUBJECT

An amendment to the CBD Streets and Vehicular Circulation Plan to change the following streets from one-way to two-way traffic operations: (1) Akard Street from Pacific Street to Elm Street, from a 3 lanes southbound operation to 2 lanes southbound and 1 lane northbound operation; (2) Akard Street from Elm Street to Commerce Street, from a 2 lanes southbound operation to 1 lane northbound and 1 lane southbound operation; (3) Federal Street from Field to Ervay, from a 2 lane eastbound operation to a 1 lane eastbound and 1 lane westbound operation; (4) Field Street from Elm Street to Wood Street, from a 3 lanes northbound operation to 2 lanes northbound and 1 lane southbound operation; (5) Patterson Street from Field Street to Akard Street, from a 2 lanes westbound operation to 1 lane westbound and 1 lane eastbound operation

BACKGROUND

The Public Works and Transportation Department has requested amendments to the CBD Streets and Vehicular Circulation Plan to change the operational characteristics of Akard, Federal, Field and Patterson Streets in the CBD from a one-way to two-way streets conversion.

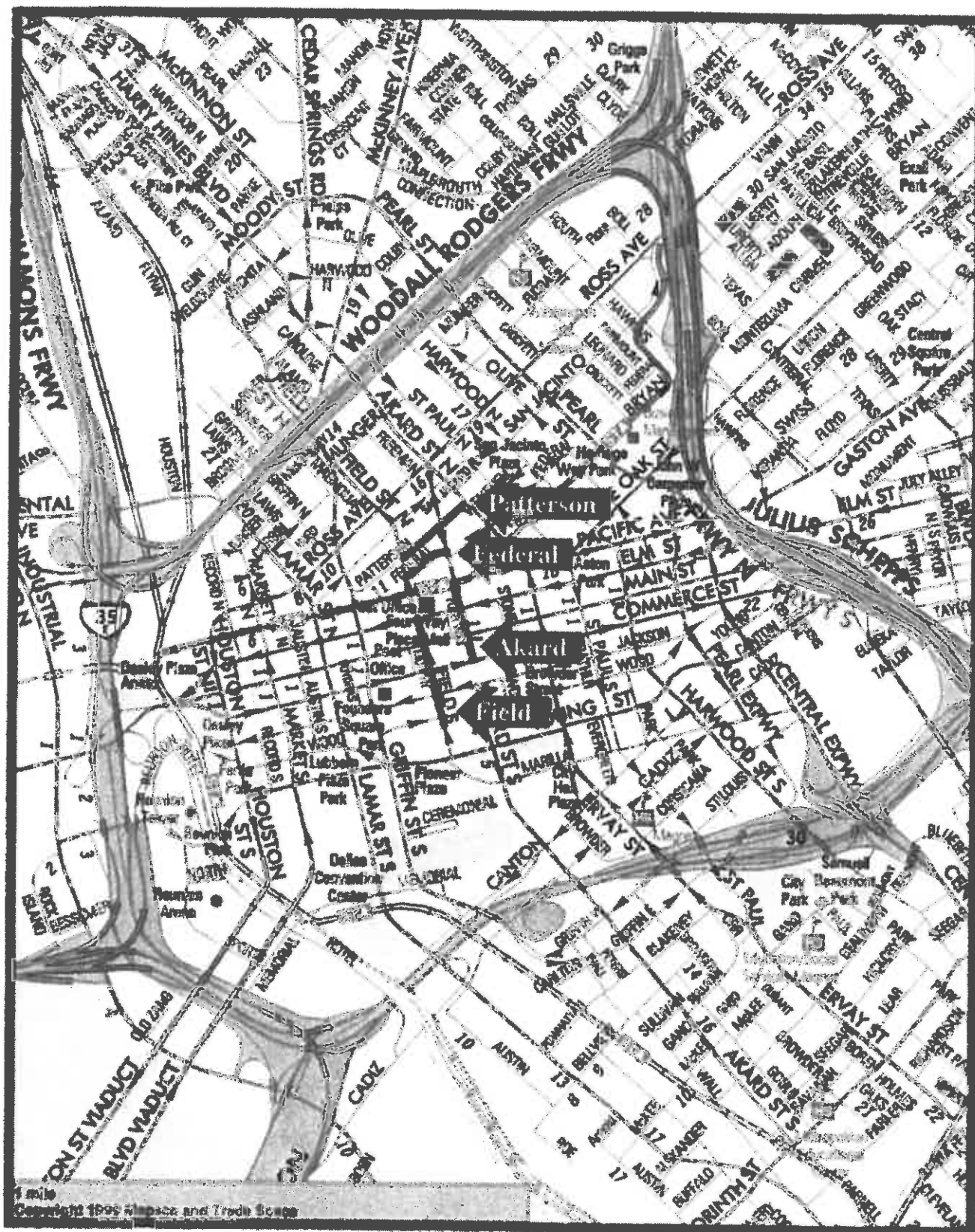
The proposed conversions were analyzed and recommended in the 2005 adoption of the Comprehensive Transportation Plan for the Dallas Central Business District. The objective of these amendments is to facilitate efficient circulation and improve access to adjacent properties. The two-way street conversion will assist in eliminating indirect routes and help slower traffic speeds thereby providing a safer environment for pedestrians.

Staff recommends approval of the amendments to the CBD Streets and Vehicular Circulation Plan change the operational characteristic of the following streets from one-way to two-way conversion: (1) Akard Street from Pacific Street to Elm Street, from a 3 lanes southbound operation to 2 lanes southbound and 1 lane northbound operation; (2) Akard Street from Elm Street to Commerce Street, from a 2 lanes southbound operation to 1 lane northbound and 1 lane southbound operation; (3) Federal Street from Field to Ervay, from a 2 lane eastbound operation to a 1 lane eastbound and 1 lane westbound operation; (4) Field Street from Elm Street to Wood Street, from a 3 lanes northbound operation to 2 lanes northbound and 1 lane southbound operation; (5) Patterson Street from Field Street to Akard Street, from a 2 lanes westbound operation to 1 lane westbound and 1 lane eastbound operation.

MAP

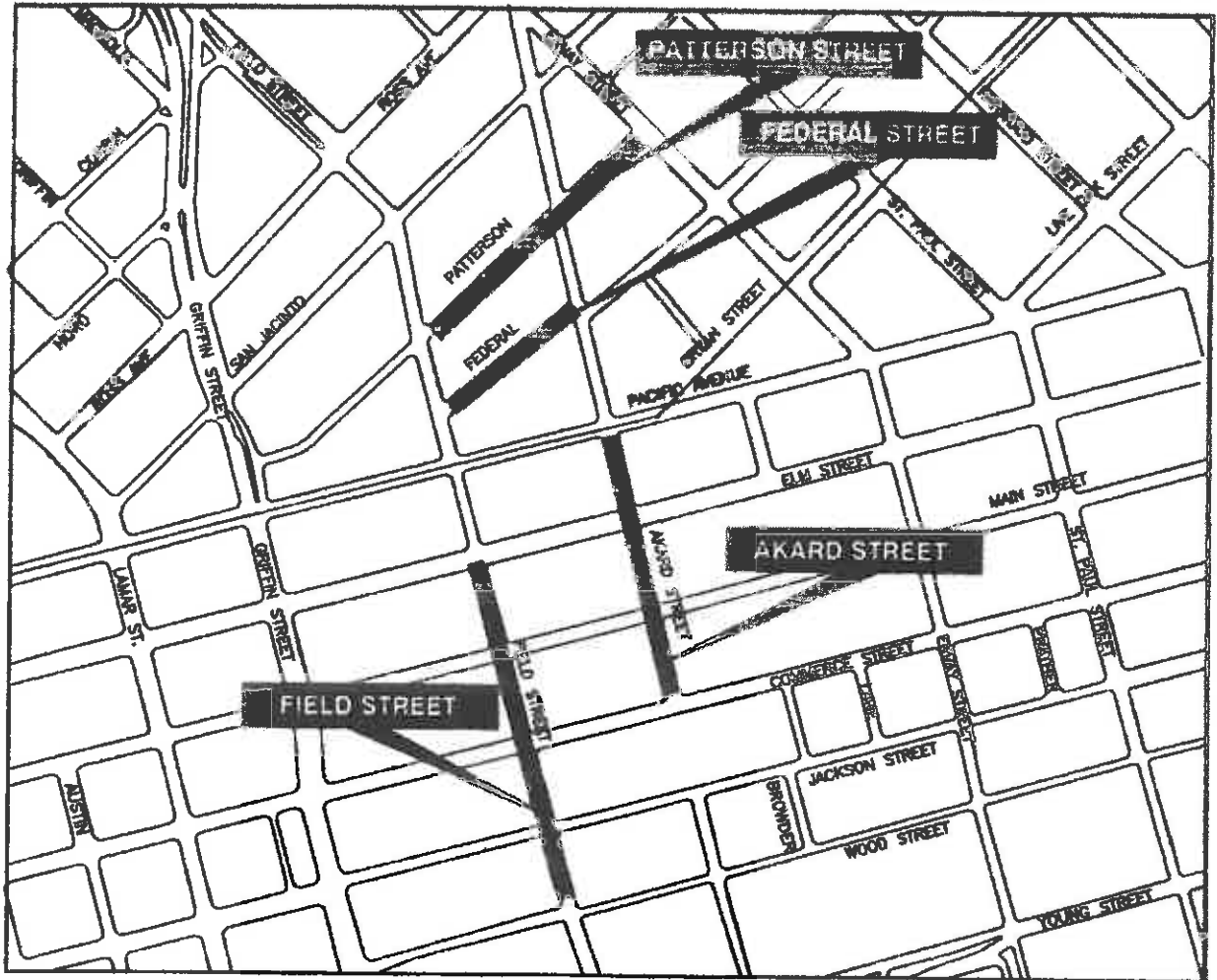
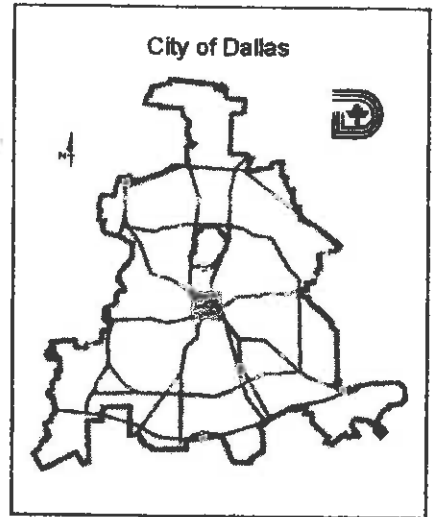
Attached

2-Way Street Conversions



CBD Two-Way Street Conversions

CBD Streets and Vehicular Circulation Plan Amendment



CBD STREETS AND VEHICULAR CIRCULATION PLAN

| STREET NAME | FROM | TO | EXISTING | | PROPOSED | | OPERATIONAL CHARACTERISTIC |
|-------------------------|-------------|--------------------|---------------|-----------------|---------------|-----------------|---|
| | | | R.O.W. (Feet) | PAVEMENT (Feet) | R.O.W. (Feet) | PAVEMENT (Feet) | |
| Atkard Street Amendment | Woodall | Munger | 76 | 60 | 76 | 56 | 3 ins nbd; 2 ins sbd |
| | Rodgers | Ross | 76 | 60 | 76 | 56 | 3 ins nbd; 2 ins sbd |
| | Munger | San Jacinto | 60-90 | 44 | 60-90 | 44 | 4 lanes southbound |
| | Ross | Patterson | 60 | 44 | 60 | 44 | 4 lanes southbound |
| | San Jacinto | Federal | 60 | 44 | 60 | 44 | 4 lanes southbound |
| | Patterson | Pacific | 60 | 44 | 60 | 44 | 4 lanes southbound |
| | Federal | Elm | 50 | 41 | 50 | 32 | 3-lanes-southbound 2 ins SB, 1 in NB |
| | Pacific | Main | 50 | 41 | 50 | 22 | 2-lanes-southbound 1 in SB, 1 in NB |
| | Elm | Commerce | 50 | 41 | 50 | 22 | 2-lanes-southbound 1 in SB, 1 in NB |
| | Main | Jackson | 70 | 29 | -- | -- | Delete |
| | Commerce | Wood | 60-74 | 29 | 61-74 | 33 | 3 lanes southbound |
| | Jackson | Young | 61-74 | 36 | 61-74 | 33 | 3 lanes southbound |
| | Wood | Marilla | 100-110 | 24/24/33 | 100-110 | 24/24/33 | 2 ins nbd; 3 ins sbd |
| | Young | Canton | 100-110 | 24/24/33 | 100-110 | 24/24/33 | 2 ins nbd; 3 ins sbd |
| | Marilla | Cadiz | 71 | 74 | 100 | 33/14/33 | 3 ins nbd; 3 ins sbd |
| | Canton | R.L. Thornton Fwy. | 71 | 61 | 100 | 33/14/33 | 3 ins nbd; 3 ins sbd |
| | Cadiz | | | | | | |

CBD STREETS AND VEHICULAR CIRCULATION PLAN

| STREET NAME | FROM | TO | EXISTING | | PROPOSED | | OPERATIONAL CHARACTERISTIC |
|--|-------|----------|---------------|-----------------|---------------|-----------------|-------------------------------------|
| | | | R.O.W. (Feet) | PAVEMENT (Feet) | R.O.W. (Feet) | PAVEMENT (Feet) | |
| Federal 12/14/1994 Ordinance # 22273 | Field | Akard | 38 | 26 | 38 | 26 | 2-lane-easbound 1 ln EB, 1 ln WB |
| | Akard | Erway | 40 | 32 | 40 | 26 | 2-lane-easbound 1 ln EB, 1 ln WB |
| | Erway | St. Paul | 40 | 29 | 40 | 32 | 1 ln ebd; 1 ln wbd |

CBD STREETS AND VEHICULAR CIRCULATION PLAN

| STREET NAME | FROM | TO | EXISTING | | PROPOSED | | OPERATIONAL CHARACTERISTIC |
|-----------------|-----------------|------------------|---------------|-----------------|---------------|-----------------|---|
| | | | R.O.W. (Feet) | PAVEMENT (Feet) | R.O.W. (Feet) | PAVEMENT (Feet) | |
| Field AMENDMENT | Woodall Rodgers | Munger | 110 | 33/24/33 | 110 | 33/24/33 | 3 ins sbd; 3 ins nbd |
| | Munger | Corbin | 80 | 56 | 86 | 22/14/33 | 2 ins sbd; 3 ins nbd |
| | | (No. 19043) | | | | | |
| | Corbin | Ross (No. 19043) | 80 | 56 | 86 | 22/14/33 | 2 ins sbd; 3 ins nbd |
| | Ross | San Jacinto | 80 | 56 | 90 | 33/var/22 | 3 ins nbd; 2 ins sbd |
| | San Jacinto | Patterson | 80 | 56 | 90 | 33/var/22 | 3 ins nbd; 2 ins sbd |
| | Patterson | Federal | 80 | 56 | 90 | 33/var/22 | 3 ins nbd; 2 ins sbd |
| | Federal | Pacific | 115 | 56 | 90 | 33/var/22 | 3 ins nbd; 2 ins sbd |
| | Pacific | Elm | 90 | 42/5/22 | 90 | (33/4/22) | 3 ins nbd; (2) sbd |
| | | | | | | 33/var/15-22 | nbd; 1 sbd, 1 loading lane along eas |
| | Elm | Main | 50 | 33 | 50 | 33 | 3-lanes northbound 2 ins NB, 1 In SB |
| | Main | Commerce | 50 | 33 | 50 | 33 | 3-lanes northbound 2 ins NB, 1 In SB |
| | Commerce | Jackson | 65 | 47 | 65 | 33 | 3-lanes northbound 2 ins NB, 1 In SB |
| | Jackson | Wood | 50 | 30 | 64 | 33 | 4 lanes northbound 2 ins NB, 1 In SB |
| | Wood | Young | 50 | 40 | 64 | 40 | 2 ins nbd; 2 ins sbd |

CBD STREETS AND VEHICULAR CIRCULATION PLAN

| | | EXISTING | | PROPOSED | | | |
|---------------------------------------|---------|----------|---------------|-----------------|---------------|-----------------|--|
| STREET NAME | FROM | TO | R.O.W. (Feet) | PAVEMENT (Feet) | R.O.W. (Feet) | PAVEMENT (Feet) | OPERATIONAL CHARACTERISTIC |
| Patterson Avenue Ordinance # 21541 | Griffin | Field | 50 | -- | 47 | 30-34 | 2 wb; 1 eb from Field to 150' west of Field, 3 wb from 150' west of Field to Griffin |
| | Field | Alkard | 40 | 48 | 40 | 36 | 2-lane-westbound 1 in ebd; 1 in wbd |
| | Alkard | Erway | 40 | 48 | 40 | 36 | 1 in ebd; 1 in wbd |