2.5

EXISTING TRAFFIC CIRCULATION

An Existing Traffic Circulation Diagram was prepared to document the existing conditions of the street network. Key on-ramp and off-ramp connnections along I-74 were identified. Two-way street alignments and one-way. were reviewed. Reviewing lane counts and turning movements helped in understanding the levels of service and street network capacities.

This diagram is used as the base diagram for proposed street framework alignments, number of lane adjustments, on-street parking planning, bicycle facility planning and connectivity for local, community and regional connections to the Central Business District. Current bus routes within the study area and to and from the CityLink Transit Center were reviewed as a subset to this diagram.

1 ONE-WAY AND TWO-WAY STREETS
The current traffic plan has both one-way and two-way streets in the Central Business and Warehouse Districts.

2 OVERSIZED TRAFFIC LANES
Many of the traffic lanes are oversized based on the posted traffic speeds.

3 ALIGNMENTS WITH FREEWAY CONDITIONS
Several of the one-way alignments have 4 lanes with near freeway conditions.

4 LOUD SIGNALIZATION
In the Central Business District pedestrian crosswalk signalization is accentuated with sound.

5 NO BICYCLE FACILITIES IN CENTRAL BUSINESS DISTRICT
Bicycle facilities are non-existent within the Central Business District and study area with the exception of a three (3) block bike lane pair along Hamilton Boulevard in the Medical Center.

6 LACKS STANDARD
Curb ramps, accessible routes and accessible parking lack an overall standard.

7 STREETSCAPE LACKS STANDARDIZATION
The streetscape amenity zone lacks standardization (lighting, parking meters, benches, trash receptacles and urban amenities). Many conditions require maintenance and are missing in parts of the districts.

8 TREES IN NEED OF CARE
The urban canopy consists of a number of trees that require arbor care,or replacement. A number of gaps, including full blocks, are missing trees.

W ARMSTRONG AVE

W COLUMBIA TERRACE

ROANOKE AVE

RANDOLPH AVE

CRESCENT AVE

GLENN OAK AVE

GLOBE AVE

WILLIAM KUMPF BLVD

GLENDALE AVE

PERRY AVE

MONROE ST

MADISON ST

JEFFERSON ST

ADAMS ST

WASHINGTON ST

WATER ST

FAYETTE ST

74

HAMILTON BLVD

MAIN ST

FULTON ST

LIBERTY ST

HARRISON ST

OAK ST

STATE ST

WALNUT ST

40

Legend

- 2 Through Lanes (2-Way)
- 3 Through Lanes (2-Way)
- 4 Through Lanes (additional turning lanes)
- 5 Through Lanes (additional turning lanes)
- 1 Through Lane (1-Way)
- 3 Through Lanes (1-Way)
- 4 Through Lanes (1-Way)
- Highway
- Highway Entrance / Exit
- Traffic Lanes