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TRANSPORTATION PLANNING METHODOLOGIES

1 TRAFFIC PLAN

Develop a traffic plan for the existing one-way / two-way system within the Central Business District and the Warehouse District. Provide an alternative traffic plan that establishes a two-way system with the Central Business District and the Warehouse District.

2 A BALANCED LEVEL OF SERVICE - ALL USERS

Establish a provision for an appropriate level of service to the downtown environment. Understand when the peak times are during the traffic cycle.

3 ALTERNATIVE TRANSPORTATION

Encourage a system in which alternative transportation, mass transit, walking and bicycling are encouraged.

4 MAXIMIZE PARKING

Maximize on-street parking within the Central Business District, Warehouse District and Riverfront.

5 MINIMIZE VEHICULAR PEDESTRIAN CONFLICTS

Eliminate right hand turn lanes from the traffic system. This recommendation would also encourage the incorporation of signage to promote a no-right-on-red policy. This policy has been effective in reducing vehicular/pedestrian conflicts at intersections.

6 REDUCE DEDICATED TURN LANES

Eliminate or minimize left hand turn lanes from the traffic diagram.

7 DEVELOP A COMPREHENSIVE BIKE PLAN

Provide provisions for an integrated bicycle system in the Central Business District, Warehouse District and Riverfront. Introduce bike lanes between on-street parking spaces and vehicular traffic lanes where street widths allow. Provide sharrow lanes to allow for continuous bike routes within the district and beyond.

8 CONSIDER APPROPRIATE LANE WIDTHS

Minimize travel lane widths. Provide for 11'-0" wide vehicular lanes where possible.

9 ESTABLISH APPROPRIATE INTERSECTION RADII

Minimize turning radii at intersections. Provide for a 20'-0" radius at intersections, 15'-0" radius for narrower right-of-way conditions.

10 CLEARLY DEFINED TRAVEL PATHS

Provide a clear delineation between the pedestrian, bicycle, and vehicular travel paths.

11 CLARITY OF SIGNALIZATION

Provide for automatic "walk" signalization on all pedestrian crosswalks.

12 UNIVERSAL ACCESSIBILITY

Provide for pedestrian walkability and accessibility for all users.

13 MAINTENANCE STRATEGIES

Develop a maintenance friendly street section that considers weather conditions and future flexibility.

14 STREET TREES - ESTABLISH THE URBAN CANOPY

Create a continuous canopy throughout the Central Business District, Warehouse District and Riverfront. Street trees at 22'-0" on center or 33'-0" on center.

15 CLEAR DESIGN VISION

Develop a true complete street section.

16 WAY FINDING

Develop a signage program for the central business district.

