

Jersey City Master Plan

Circulation Element

Prepared for:

**The City of
Jersey City**

Prepared by:

T&M Associates

Prepared with assistance from:

**Eastland Systems Group
Medina Consultants
TechniQuest Corporation**



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Jersey City Master Plan Circulation Element

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Hudson County, New Jersey

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CITY OF JERSEY CITY

JERRAMIAH T. HEALY, MAYOR

April 3, 2009

Dear Friends:

I am pleased to present the new Circulation Element of the Jersey City Master Plan. This important document will guide the formation of policy and investment in transportation infrastructure in Jersey City over the coming years. Jersey City's vision is to create a safe, accessible, comfortable, and efficient multi-modal transportation network that meets the current and future needs of the City's residents and visitors and that connects Jersey City's neighborhoods, as well as Jersey City with the region. The Circulation Element provides the framework in which this vision will be realized and includes specific actions that the City will undertake.

From Jersey City's industrial past when the City was a major freight and passenger rail terminus to its transformation into a modern, regional center for office employment, Jersey City's transportation infrastructure has always been critical to its prosperity. One of Jersey City's greatest assets is its transportation infrastructure, which includes historic structures like the Pulaski Skyway and the Bergen Arches, and more recent investments like the Hudson-Bergen Light Rail.

In addition to our abundant transportation resources, I am proud of the fact that the percentage of Jersey City's residents who commute to work by public transportation is among the highest in the country. This is particularly important as we look for ways to lead greener lifestyles to conserve resources for future generations. I firmly believe that the path to sustainable growth is by encouraging the use of mass transit, and one of my priority projects is to extend the Hudson-Bergen Light Rail westward across Route 440, which will allow us to redevelop the Hackensack River waterfront.

As Jersey City grows, it is more critical than ever that we enhance the City's multi-modal transportation system to meet our current needs and to support anticipated redevelopment. I am committed to improving the City's public transportation network that includes bus, PATH train, light rail, ferry, jitneys, and taxis. I am also committed to ensuring that our existing street network safely accommodates pedestrians, bicyclists, and motorists in an aesthetically-pleasing environment. In order to support Jersey City's port activity, I am committed to making investments that improve access and mobility for freight while minimizing impacts to residential neighborhoods.

OFFICE OF THE MAYOR

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Jersey City is a vibrant and dense urban area with a rich history and exciting opportunities for growth. It is my goal to foster a transportation network that is both sensitive to our historic resources and the environment and that provides options for travel on a wide range of modes for all users to, from, and within Jersey City.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Healy", written over the printed name.

Jerramiah T. Healy
Mayor

VISION STATEMENT

By the year 2050, Jersey City's extensive and sustainable development, redevelopment and neighborhood revitalization activity will have transformed the City into a bustling, "green," world-class center with a range of housing and retail choices, many employment and business opportunities, and excellent recreational, entertainment and cultural amenities. As befits any such center, the City will be served by a multi-modal transportation system that is attractive, clean, safe, efficient, reliable, inclusive, affordable, accessible, and user-friendly. Jersey City's comprehensive and seamless transportation network will provide options to its users and accommodate all types of trips - both local and regional in nature - to, from, and within all neighborhoods, throughout the day and night, and it will mitigate congestion and minimize the amount of single-occupancy vehicular traffic in Jersey City.

The City's transportation network will benefit residents, workers, and visitors alike by giving people a choice in how they travel to, from, and within Jersey City. The principal features of Jersey City's transportation network will be a highly-functioning and efficient multi-modal public transit system, a roadway network that will not only accommodate vehicular traffic but will also provide safe and efficient accommodation for bicyclists and pedestrians, and a network of off-road bicycle and pedestrian paths that complement the City's parks and open spaces.

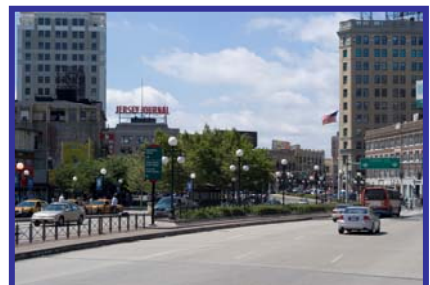


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EXECUTIVE SUMMARY

The Circulation Element prepares Jersey City for growth through 2050. The Circulation Element gathered feedback from all of its stakeholders through the 2050 Mobility Survey, Focus Group, Visioning Session, and Public Meetings. The City incorporated that feedback into all aspects of its Circulation Element. The City created a Technical Advisory Committee (TAC) consisting of various State, County, and local agencies which play a role in Jersey City's transportation infrastructure, and the TAC vetted all aspects of the Circulation Element. The result is an action-oriented Circulation Element that addresses the needs of the multi-modal system, and facilitates the movement of people and goods safely and efficiently. The Circulation Element develops a Vision for a transformed world-class center served by a multi-modal transportation system that is attractive, clean, safe, efficient, reliable, inclusive, affordable, accessible, and user-friendly. This Vision focuses on travel to, from, and within Jersey City, for bikes, pedestrians, vehicles, buses, ferries, rail, and all mass transit carriers, as well freight movement, both regional movements and local deliveries. The Circulation Element addresses the needs of all of its users, and emphasizes alternatives to the automobile.

Goals, Objectives, Strategies, and Actions were established based on feedback from the TAC and stakeholders, and from recommendations cited in various studies performed in Jersey City and throughout the region. The Action Plan identifies timeframes for the Actions, as well as potential lead implementation agencies, ranges of costs, and possible funding sources. Indicators and Targets are provided for the City to measure its success in attaining the Goals, Objectives, and Strategies, as well as Baselines to use for comparison purposes. The Circulation Element recognizes how the City will grow, and addresses how the Circulation system will address this growth. The Circulation Element identifies right-of-way needs to accommodate the changes to the multi-modal system. A Jersey City Functional Classification System is established which enables the City to apply Typical Roadway sections that maximize the use of existing and future streets for all of its users. The Circulation Element also provides recommendations for Traffic Calming measures, and provisions for sidewalk maintenance.

The Circulation Element relates directly to the land use plan and corresponding development and redevelopment objectives and strategies of the City. It is the purpose of this Circulation Element to provide for the City's current transportation needs, to prepare the City's transportation system for growth through 2050, and to enable Jersey City to achieve its vision.

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APPENDICES

Traffic Count Data

Table of Redevelopment Plans Projected to be Constructed by 2050

Mobility Report 2050

Exhibit A – AM Volume Capacity Ratio Through Year 2050

Exhibit B - PM Volume Capacity Ratio Through Year 2050

Exhibit C – Average Daily Traffic (ADT) Volumes

Jersey City Classification System

Major Collector

Minor Collector

Local Residential Streets

Local Park Roads

FHWA Classification System

Route 440 and Routes 1&9T Boulevard and Complete Street Plan and Right-of-Way Needs Map