

NW 31 Avenue Corridor Study/Improvements

Project Development and Environmental (PD&E) Studies

➤ **PROJECT OBJECTIVES:**

➤ *Public Involvement Plan:*

Identify potentially affected stakeholders and communities in the vicinity of the project to establish the appropriate outreach methods. This includes consideration of the demographics of the Study Area and any reasonable accommodations including, but not limited to, disabled, transit-dependent, limited English Proficient (LEP), elderly, low income, or minority.

➤ *Public Involvement Data Collection and Analysis*

➤ *Existing Traffic Operational Analysis:*

Conduct field observations to review existing field conditions, understand the Project area, assess Project needs, identify physical and environmental constraints, develop and analyze Project alternatives, and assess constructability issues, collect data describing existing conditions and characteristics of the Project including roadway geometrics, signalization and other operational features, access features, and right of way requirements, and other data applicable to modes and sub-modes of transportation, including walking/pedestrians, bicyclists, public transit users (including transit vehicles and riders), paratransit users (carpools, vanpools, taxis, shuttles, jitneys, school buses, coach buses), and freight (including loading/unloading and parking, emergency response vehicles, service vehicles, and freight handler vehicles).

➤ *Traffic Analysis with Future Demand Forecasting and also for No-Build Analysis*

➤ *Intersections Evaluation for safety enhancement and improvements (include project safety needs associated with the existing and future conditions)*

➤ *Traffic Capacity Optimization*

➤ *Multimodal Accommodations*

➤ *Roadway Lighting Needs Evaluation*

➤ *Sidewalk Evaluation and gap reduction/elimination*

➤ *Alternative Corridor Evaluation*

➤ *Transit Concepts and Alternatives*

➤ *Selection of Recommended Alternatives*

➤ *Value Engineering*

➤ *Roadway beautification: streetscape, landscape, context sensitive beautification design efforts*

➤ **Sociocultural Effects Study:**

Social:

Community Cohesion: Identify and assess potential Project impacts on physical barriers, traffic pattern changes, social pattern changes, and loss of connectivity to community features and facilities.

Special Community Designation: Identify and assess potential Project impacts on schools, churches, parks, emergency facilities, social services, daycare facilities, retirement centers, community centers, and retail locations.

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Safety / Emergency Response: Identify and assess potential Project impacts on the creation of isolated areas; emergency response time changes; and location of police, fire, emergency medical services, healthcare facilities, and government offices.

Demographics: Identify and assess potential Project impacts on minority, disabled persons, low-income populations, and/or special populations within the Project area.

Community Goals and Quality of Life: Identify and assess potential Project impacts on social value changes and compatibility with community goals and vision.

Economic:

Business and Employment: Assess potential Project impacts to business and employment activity in the project area, including industries with special needs (e.g., freight distributor) or significance (e.g., regional employer), economic-oriented land use, economic development plans, special designations, and community development priorities. Assessment will also include identification of changes to routes, access, parking, or visibility that could benefit or impair businesses, employment centers, community facilities, or population.

Land Use Changes: Evaluate the Project's consistency with the physical character of the area and applicable community plans.

Aesthetics: Evaluate and summarize the Project's effect on view shed and vista, community focal points, historic structures, landmarks, and community character.

Property Values and Tax Base: Assess potential Project impacts on the tax base, employment opportunities, and property values.

➤ **Construction and right of way cost estimates:**

Develop construction cost estimates Based on design standards, establish construction limits and determine the minimum (proposed) right of way requirements throughout the limits of the Project. Establishment of construction limits should consider location drainage features, the transportation management plan, utility relocations, identified environmental issues, development plans, and other pertaining factors towards the project goal.

➤ **Fund**

Broward MPO planning grant.