

SCOPE OF WORK
Marconi Drive, New Orleans
Feasibility and Safety Study
RPC Task NO. A-2.18; FY- 18 UPWP

Project Description

The Regional Planning Commission (RPC), in coordination with New Orleans City Park and the City of New Orleans, is conducting an analysis of the Marconi Drive corridor between Zachary Taylor Dr. and Robert E. Lee Blvd. The analysis will make recommendations to improve safety in the corridor for people walking, bicycling, and driving, improve operational effectiveness, and improve connections with adjacent transportation facilities.

The purpose of this project is to develop design alternatives for the Marconi Drive corridor that increase safety for people walking, bicycling, and driving and provide connections between the existing pedestrian and bicycle facilities along Marconi and adjacent corridors. The project will produce conceptual design and cost estimates for geometric, signage, striping, signalization, and other proposed physical improvements, consistent with the latest RPC/DOTD Access Management and Complete Streets policies.

Task 1: Project Management Committee

The Consultant will assist RPC in establishing and supporting a Project Management Committee (PMC) to guide the technical work effort and to review the Consultant's work products. The PMC will include representatives from RPC, the City of New Orleans, New Orleans City Park, and the Consultant. Other stakeholders will be invited as may be necessary. The Consultant will provide all necessary agendas, handouts and exhibits in advance of the PMC meetings for RPC review and approval, and prepare summary minutes of the meetings.

In addition, the Consultant will assist RPC in providing briefings, as needed, with elected officials and other local leaders and organizations to discuss the project's purpose and need and project-related opportunities and concerns. The Consultant will receive approval from RPC prior to initiating these contacts and prepare summary meeting minutes for review and discussion with the PMC.

Task 2: Analysis and Review of Existing Conditions

The Consultant will conduct field visits of the corridor to identify constraints and conditions that will impact the design alternatives. The Consultant will collect all traffic data, including Average Daily Traffic (ADT) counts, turning movement counts for AM, PM, Mid-Day, and special event volumes within the area for pedestrians, bicycles, and motor vehicles. The Consultant will review existing land use, demographics, and crash data. RPC will provide aerial photography for use in the technical analysis and GIS mapping.

Task 3: Design Alternatives

The Consultant will develop several design alternatives for the corridor that will improve safety for people walking, bicycling, and driving along the corridor and accessibility to City Park and the public park facilities located along the corridor. The Consultant should consider alternatives addressing the existing roadway cross section and existing or potential sidewalk and/or shared-use trails. The Consultant will be briefed on the Park's Master Plan and any new land uses proposed in the study area for input into the traffic analysis.

The design alternatives should consider geometric, signage, striping, signalization, parking, and other physical improvements. The design alternatives should conform to current design standards and guidelines from DOTD, AASHTO, and NACTO. The Consultant will develop preliminary quantities and unit cost estimates for each of the design alternatives. The Consultant will submit the design alternatives and cost estimates to PMC for review and comment. The Consultant will develop evaluation criteria for screening all alternatives. The top two candidate alternatives will be subject to more detailed evaluation by the Consultant, resulting in a preferred design option for PMC consideration.

Task 4: Stage 0 Feasibility Study

The Consultant will finalize recommendations and prepare the Stage 0 Feasibility Study, documenting the information and analysis described above. All studied alternatives will be describe in the Stage 0 report, including the preferred alternative selected by the Project Management Committee. The Stage 0 Report will include completed Stage 0 checklists.

Task 5: Draft Preparation and Review

A draft of the report with all documentation described above will be submitted to RPC for review by, at the latest, 75% of project completion. The report will include conceptual layouts of all alternatives and descriptions of the proposed improvements in a format suitable for transmittal. DOTD Stage 0 and Environmental Checklists will be included in the draft report.

Task 6: Final Deliverables

Following review and approval by the PMC of the draft submission, the Consultant will provide RPC with ten (10) bound copies of the Final Stage 0 Feasibility Study Report. A .pdf version of the final report and supporting documents will also be provided to RPC on compact disc with each bound copy. The CD should also include any GIS shapefiles, CAD files, or other accessory files and documentation created during the course of the study.

Timeline: 8 MONTHS

Budget: \$50,000