



## COUNTY OF BERGEN / COUNTY OF ESSEX



### Local Concept Development Study for Kingsland Avenue (De Jessa Memorial) Bridge Township of Lyndhurst and Township of Nutley, NJ

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#### PROJECT INFORMATION

Bergen County and Essex County are conducting a study for bridge improvements such as a major rehabilitation or replacement of the existing Kingsland Avenue (De Jessa Memorial) Bridge over the Passaic River to address its structural deficiencies and maintain an important transportation connection for local residents and regional commuters in Bergen County and Essex County. Due to its age, the bridge has deteriorated over time and routine maintenance can no longer address the deficiencies.

#### The Project Background

The existing bridge is in poor overall condition. Several factors contribute to this assessment:

*Condition:* The bridge is structurally deficient with its superstructure in poor physical condition with observed fatigue cracks found in numerous steel members and loss of section at panel point joints of most below deck truss members. The substructure is in satisfactory condition but has a moderate potential vulnerability to scour. The bridge's mechanical machinery and electrical system are in poor condition; reaching the end of their serviceable life.

*Highway Safety:* The bridge railings do not meet current crash and safety standards.

*Public Safety:* Many parts of the electrical installation on the bridge do not conform to or are in violation of current standards. The bridge control system is not provided with any backup form of operation in the event of a control device or relay failure.

*Seismic:* The bridge is susceptible to seismic forces and does not meet current seismic design standards.

#### The Proposed Study:

The current phase of this project is Local Concept Development (LCD). During this phase a well-defined and well-justified Purpose and Need Statement will be developed focusing on the need to improve safety and maintain the current crossing over the Passaic River. The LCD Phase elements also include data collection; coordination with the New Jersey Department of Transportation, Federal Highway Administration, US Coast Guard, local officials, community stakeholders, and permitting agencies; the development of a reasonable number of sensible and practical conceptual alternatives; the development of a Preliminary Preferred Alternative, and to investigate all aspects of the project. These aspects will include environmental, right of way, access, utilities, design, community involvement, constructability, and cost (see NJTPA LCD flowchart).

The primary tasks of stakeholders are to provide community input to assist in the development of the Project Purpose and Need Statement, assist in the development of conceptual alternatives, identify possible fatal flaws, and to assist in the recommendation of the Preliminary Preferred Alternative (PPA) based on the Project Purpose and Need.



### Local Concept Development Project Schedule (Major Milestones)

Develop Project Purpose and Need Statement	Fall 2016
Development of Conceptual Alternatives	Winter 2017
Selection of Preliminary Preferred Alternative	Fall 2017
Submission of Draft Concept Development Report	Fall 2017
Obtain Resolution of Support for Preliminary Preferred Alternative	Spring 2018
Completion of Local Concept Development Phase	Summer 2018

### Anticipated Community Involvement Schedule

Local Officials Meeting No. 1 - Input on Purpose and Need	Fall 2016
Community Stakeholders Meeting No. 1 for Purpose & Need Statement Development	Fall 2016
Public Information Center for Purpose and Need Statement Development	Fall 2016
Community Stakeholders Meeting No. 2 - Input for Conceptual Alternatives	Spring 2017
Local Officials Meeting No. 2 for Preliminary Preferred Alternative Recommendation	Spring 2018
Public Information Center No. 2 – Conceptual Alternatives and Preliminary Preferred Alternative Recommendation	Spring 2018
Obtain Resolutions of Support for PPA from Municipalities & Counties	Spring 2018

### Contact Information

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For Additional Project Information, visit the Project Website

**[www.kingslandavenuebridge.com](http://www.kingslandavenuebridge.com)**

