



COUNTY OF BERGEN / COUNTY OF ESSEX

Final Design Phase for Kingsland Avenue (Avondale and De Jessa Memorial) Bridge Replacement Township of Lyndhurst and Township of Nutley, New Jersey



PROJECT INFORMATION

Bergen County and Essex County continue to advance the design for the replacement of the existing Kingsland Avenue (Avondale and 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

A Local Concept Development (LCD) Study for major rehabilitation or replacement of the Kingsland Avenue Bridge was completed in 2020 using federal funding, with Bergen County as the project sponsor and Essex County with shared jurisdiction. During this phase, a well-defined Purpose and Need Statement was developed focusing on the need to improve safety and maintain the current crossing over the Passaic River. A number of conceptual alternatives were developed to meet the project goals and objectives. In coordination with Local Officials, Community Stakeholders, and the cooperating agencies of the New Jersey Department of Transportation (NJDOT) and the North Jersey Transportation Planning Authority (NJTPA), it was agreed, upon completion of an alternatives analysis, that the recommended Preliminary Preferred Alternative (PPA) to address the structural deficiencies is to replace the bridge with a new structure. Improvements to the approach roadway intersections are also proposed in the vicinity of the bridge in Lyndhurst and in Nutley to better accommodate vehicular flow and mobility for pedestrians and bicyclists. Resolutions of Support were passed by both the Township of Lyndhurst and Township of Nutley for the PPA.

The Local Preliminary Engineering (LPE) Phase was completed in Fall 2024 and involved performing engineering and environmental tasks required to obtain an approved National Environmental Policy Act (NEPA) document for the project. Environmental mitigation was identified along with the needed agency permits for the proposed bridge replacement and property right-of-way impacts were also identified. During this LPE Phase, Local Officials Meetings, a Community Stakeholders Meeting, and a Public Information Center were also conducted as part of the preliminary design development and environmental documentation completion. Resolutions of Support have been maintained by the Township of Lyndhurst and Township of Nutley for the recommended refined PPA for a new bridge replacement.

Final Design (FD) Phase

The FD Phase involves finalizing the bridge replacement and approach roadway intersection designs and preparing the construction contract documents including plans and specifications. Access modifications are completed in the FD Phase along with acquisition of the necessary Right-of-Way (ROW) for construction of the project. The necessary environmental permits for construction will also be

obtained during this phase. To inform and to encourage community input, a Community Stakeholders Meeting and Public Information Center Meeting will be held during this phase.

The tasks to be conducted during the FD Phase consist of, but are not limited to:

- Geotechnical studies for structural design
- Continue utility relocation coordination discussions with companies
- Development and completion of landscaping and aesthetic elements
- Securing environmental permits
- Right-of-Way (ROW) negotiations, acquisitions and easements
- Continuing development of maintenance of traffic and construction staging plans
- Complete Final Design engineering technical plans (Contract Plans) and specifications

Project Schedule (Phases)

Local Concept Development (LCD) Phase	Completed Summer 2020
Local Preliminary Engineering (LPE) Phase	Completed Fall 2024
Final Design (FD) Phase	Anticipated completion - Summer/Fall 2027
Construction Phase	Anticipated start - Winter/Spring 2028

Final Design (FD) Phase – Anticipated Project Schedule (Major Milestones)

Environmental Permits & ROW Availability	Summer 2027
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FD Phase - Anticipated Community Involvement Schedule

Local Officials Meeting No. 1	October 6, 2025
Local Officials Meeting No. 2	Winter/Spring 2027
Community Stakeholders Meeting	May 4, 2026
Public Information Center Meeting	Spring 2027

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For additional information, please visit the project website: www.kingslandavenuebridge.com

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