**NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY**

**LOCAL CAPITAL PROJECT DELIVERY (LCPD) PROGRAM**

**CONCEPT DEVELOPMENT PHASE STUDY**

**FY 2023 APPLICATION**

**APPLICATION DEADLINE: SEPTEMBER 30, 2021**

**SECTION 1: DESCRIPTION OF THE PROJECT**

**Project Name:** Click here to enter text for project name.

**Project Location:** Click here to enter text for project location.

**Route/Street Name:** Click here to enter text for route/street name.

**Mileposts:** Click here to enter text for mileposts.

**Limits (Cross-streets):** Click here to enter text for limits.

**County or Counties:** Click here to enter text for county.

**Municipalities:** Click here to enter text for municipalities.

**SECTION 2: SPONSORING AGENCY**

**Project Sponsor:** Other than Jersey City or the City of Newark you must be one of the thirteen counties in the NJTPA’s region in order to fill out this application. Choose a Subregion.

**Project Manager’s Name and Title:** Click here to enter text for project manager.

**Agency and Agency Address:** Click here to enter text for agency.

**Telephone Number:** Click here to enter text for telephone number.

**Fax Number:** Click here to enter text for fax number.

**E-Mail:** Click here to enter text for E-Mail.

**SECTION 3: DESCRIPTION OF THE PROBLEM**

**Existing Highway** (check all that apply)

[ ]  Physical condition problem

[ ]  Capacity Problem

[ ]  Safety problem

[ ]  Operational Problem

 **Existing Bridge** (check all that apply)

[ ]  Physical condition problem

[ ]  Capacity problem

[ ]  Safety problem

[ ]  Operational Problem

**Corridor/Area Capacity Problem** (check all that apply)

[ ]  Possible highway on new alignment

[ ]  Need for better access to park and ride

[ ]  Missing link

**Pedestrian/Bikeway Facility** (check all that apply)

[ ]  Physical problem

[ ]  Safety problem

[ ]  Missing link

**Provide a detailed description of the problem and existing conditions. This includes but is not limited to safety, capacity, operations etc. This should be specific and comprehensive.**

Click here to enter text for problem description.

**Indicate the planning studies (Subregion’s planning study, NJTPA subregional technical study, management system, etc.) that established the need for the proposed project. Give complete reference including a copy of the document cover and portion identifying problem.**

Click here to enter text for existing studies performed.

**Is this project in the subregion’s Master Plan?** Choose Yes or No. **If yes, please attach the section where the project is mentioned.**

**List and briefly describe the existing technical studies (bridge/roadway inspection reports, plans, surveys, crash data, etc.) which are available and applicable to the proposed project.**

Click here to enter text for existing engineering studies performed.

**Is this project linked to another project?** Choose Yes or No. **If yes, explain the relationship and how the proposal has independent utility from the other project.**

Click here to enter text.

**Has the Complete Streets Policy been adopted by the County?** Choose Yes or No. **If No, will this project promote the Complete Streets principles?** Choose Yes or No.

**SECTION 4: EXISTING CONDITIONS (This section must be filled in for both bridge and roadway projects)**

**ROW Width:** Click here to enter text for ROW width.

**# of lanes and width:** Click here to enter text for # of lanes and width.

**Shoulder width:** Click here to enter text for shoulder width.

**Median width:** Click here to enter text median width.

**Sidewalk width:** Click here to enter text sidewalk width.

**Overall roadway width:** Click here to enter text for overall roadway width.

**Type of bridge:** Click here to enter text for type of bridge.

**Name of railroad/stream/roadway which bridge crosses:** Click here to enter text for name of RR/stream/roadway bridge crossings.

**Bridge structure number:** Click here to enter text for bridge structure number.

**Bridge section/span length:** Click here to enter text for bridge section/span length.

**Bridge road surface type:** Click here to enter text for bridge road surface type.

**Foundation type:** Click here to enter text for foundation type.

**Provide the appropriate data that is applicable to your project.**

**Functional Classification (consistent with Federal Aid Classification Maps)**

Click here to enter text for functional classification.

**Average daily traffic (indicate source and date of last count)**

Click here to enter text for average daily traffic.

**Current roadway Volume/Capacity Ratio (V/C Ratio) (indicate source)**

Click here to enter text for roadway V/C ratio.

**Current roadway Level-of-Service (LOS) (indicate source)**

Click here to enter text for roadway LOS.

**Truck traffic volume and percentage (vehicle weight over 5 tons, indicate source and date of last count)**

Click here to enter text for truck percentage.

**Road/Bridge Weight limit for trucks (in tons)**

Click here to enter text for weight limit for trucks.

**Peak period volume (7:00-9:00am, 4:00-6:00pm) (indicate source and date of last count)**

Click here to enter text for peak period volume.

**Current accident data (provide accident analysis/summary by frequency and type of accidents related to project need for 3 years of reported data)**

Click here to enter text current accident data.

**Major connection points**

Click here to enter text for major connection points.

**Is the roadway or a portion of the roadway carried by the structure on the National Highway System (NHS)?**

Click here to enter text for National Highway System.

**Bridge type description**

Click here to enter text for bridge type.

**Date of last cycle inspection (provide copy of most recent SI&A sheet)**

Click here to enter a date.

**SI&A sufficiency rating** (provide copy of most recent SI&A sheet)

Click here to enter text for SI&A sufficiency rating.

**Structurally deficient:** Choose Yes or No. (provide a copy of most recent SI&A sheet) **If yes, explain below.**

Click here to enter text.

**Functionally obsolete:** Choose Yes or No. (provide a copy of most recent SI&A sheet) **If yes, explain below.**

Click here to enter text.

**Is the road/bridge currently closed to traffic?** Choose Yes or No. **If yes, explain reason(s) for closure below.**

Click here to enter text for road/bridge closure.

**Are there any weight or height restrictions on the road/bridge?** Choose Yes or No. **If yes, explain below.**

Click here to enter text for weight/height restriction.

**Are there any speed restrictions on the road/bridge?** Choose Yes or No. **If yes, explain below.**

Click here to enter text for speed restrictions.

**Pavement ratings:** Choose an item. (substantiate with subregion’s pavement management system)

**Last date of repaving:** Click here to enter a date.

**What State planning area(s) does the project fall within?**

Click here to enter text for state planning area.

**Is this study area part of an evacuation route?** Choose Yes or No. **If yes, please explain and attached a map of the evacuation route.**

Click here to enter text.

**Is this project located within a distressed municipality?** Choose Yes or No. **If yes, list the municipalities below.**

Click here to enter text for evacuation route.

**Is this project located within the following districts?** (check all that apply)

[ ]  Transportation Development District (TDD)

[ ]  Transportation Improvements District (TID)

[ ]  Transportation Enhancement District (TED)

[ ]  Transit Oriented Development (TOD)

[ ]  Transit Village

[ ]  Not Applicable

**Is the project within 2 miles of an airport, seaport, foreign trade zone or urban enterprise zone (UEZ)?** Choose Yes or No. If yes, list the names of the places in the spaces provided below.

Click here to enter text.

**Will the project improve access to a major tourism/recreation facility?**

[ ] Annual attendance in excess of 3.5 million (i.e. Jersey Shore)

[ ]  Annual attendance between 1.8 million and 3.5 million (i.e. Liberty State Park)

[ ]  Annual attendance above 600,000 but less than 1.8 million (i.e. Mountain Creek/Crystal Springs Resort Areas)

[ ]  Not applicable

**Will the project retain and increase economic activity and competitiveness in an economic activity center with:**

[ ]  Greater than 37,000 employees

[ ]  Between 10,000 and 37,000 employees

[ ]  Less than 10,000 employees

[ ]  Not applicable

**Explain:** Click here to enter text.

**Are there any known brownfields within the study area?** Choose Yes or No. **If yes, list below.**

Click here to enter text.

**Transportation Facility** (check all that apply)

[ ]  Airport [ ]  Major rail terminal

[ ]  Local rail facility [ ]  Park and ride lot

[ ]  Rail Yards [ ]  N/A

**SECTION 5: ENVIRONMENTAL SCREENING**

Please answer Yes or No to the following questions. No field testing or sampling of any kind is needed in order to answer the following questions. Please attach a USGS Map showing the project location, limits and all environmental parameters (e.g. wetlands, historic properties) relevant to your project based on the checklist above. Please also include route/street names and mileposts. (NJDEP maps are acceptable). Please refer to the “List of Useful Websites for Environmental Screening” attachment for the link to NJDEP GIS and NJDEP I-MAPNJ.

**ADDITIONAL PROJECT INFORMATION**

**Are there public facilities, schools, churches, emergency services within the project study area?** Choose Yes or No. **If yes, list in the comment section below.**

Click here to enter text.

**Have any environmental studies (Cultural Resource, Hazardous Waste, Air, Noise, Soil borings studies etc.) been undertaken previously within or adjacent to the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Are there any federal and state rare threatened or endangered species or their habitat within the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Is this project located within or near to an Environmental Justice (EJ) or Title VI community?**  Choose Yes or No.

Click here to enter text.

 **Describe the land use/ecology of the project study area.** (check all that apply)

[ ]  Urban [ ]  Residential [ ]  School

[ ]  Rural [ ]  Agricultural [ ]  Forested

[ ]  Grassland/Field [ ]  Coastal [ ]  Open waters (lake, stream)

**Are there any of the following in the project study area?** (check all that apply)

[ ]  Wetlands [ ]  Floodplains [ ]  Sole source aquifers

[ ]  Stream crossings [ ]  Vernal pools [ ]  Wildlife habitat

[ ]  Highlands [ ]  Pinelands

**CULTURAL RESOURCES**

**Are there known buildings or structures listed on, or eligible for listing on the NJ and/or National Registers of Historic Places in the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Are any properties included in a local county/municipal listing of historic properties?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Is the project located in a known or potential Historic District(s)?** Choose Yes or No. If yes, list in comment section below.

Click here to enter text.

**Are there any 50+ year old buildings in the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Will the project impact a 50+ year old bridge or culvert?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**SECTION 4(f) PROPERTIES**

Does the project study area include any of the below listed types of 4(f) properties:

**Historic Sites** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Publicly owned parkland** Choose Yes or no. **If yes, list in comment section below.**

Click here to enter text.

**Publicly owned recreation areas** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Publicly owned wildlife or waterfowl refuges** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Federal Lands** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**HAZARDOUS WASTE**

**Are there any known or suspected hazardous waste sites (underground storage tank (UST), landfills, known NJDEP Case, Environmental Cleanup Responsibility Act (ECRA Case) within the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Are there active or abandoned industries, service stations or repair shops within the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Is there evidence of potential contamination (monitoring wells, stained soils, etc.)?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**Are railroads or railyards located in the project study area?** Choose Yes or No. **If yes, list in comment section below.**

Click here to enter text.

**ADDITIONAL COMMENTS**

Click here to enter text.

**SECTION 6: COST ESTIMATES**

Provide a preliminary cost estimate for each of the tasks below. Please use the sample concept development scope of work (Appendix D of the LCPD Program Guidance Manual and Administrative Procedures) and the attached sample manhour estimate spreadsheet as guidance in preparing this preliminary cost estimate. The consultant cost estimate should be shown as man-hours by task, multiplied by an average rate. **Please note that Subregional project administration is NOT an allowable cost for the Concept Development Phase.**

**Concept Development Tasks:**

I. Project Management

II. Public Outreach – In-Person and Virtual

III. Data Collection / Existing Conditions

IV. Alternative Analysis

V. Documentations

1. Existing Conditions Report, Traffic Study, Crash Study, etc.
2. Public Outreach Plan
3. Environmental Screening Report
4. Purpose and Need Statement
5. Alternative Analysis (AA) Report with the AA Matrix
6. Cost Estimates
7. Sketches of Alternatives
8. Concept Development Report
9. Concept plans for PPA
10. Concept Development Report / NEPA Classification

**Total Preliminary Cost for Concept Development: $**Click here to enter cost.

**SECTION 7: ATTACHMENTS REQUIRED**

Provide the following attachments with this application.

[ ]  Site map of proposed project location in relation to the County.

[ ]  Map of study area showing:

* Known existing conditions;
* Project limits;
* General locations of known environmental parameters.

[ ]  Copy of the planning study, management study, SI&A sheet, crash records, traffic volumes, etc. Which established and supported the problem statement.

[ ]  Additional resources i.e. maps or environmental reports which support information provided in the Environmental Section of this application.

[ ]  A resolution from the governing body having jurisdiction over the facility authorizing application for Local Capital Project Delivery Program – Concept Development Phase funds.

[ ]  Provide a preliminary cost estimate for each of the tasks listed in Section 6 of this application. Please use the sample concept development scope of work as guidance in preparing this preliminary cost estimate.

**SECTION 8: INSTRUCTION FOR SUBMITTING APPLICATION**

**Submit One (1) electronic copy** to:

NJTPA Local Capital Project Delivery Program
North Jersey Transportation Planning Authority
1 Newark Center, 17th Floor
Newark, NJ 07102