

**NEW JERSEY DEPARTMENT OF TRANSPORTATION**  
**CATEGORICAL EXCLUSION DOCUMENTATION**

CED Form Updated August 28, 2007

| I. GENERAL INFORMATION  |                                       |                      |             |
|-------------------------|---------------------------------------|----------------------|-------------|
| DOT Job Code No.        | 0221502                               | Federal Project No.  | N/A         |
| Project Management Team | Group 2<br>Walter McGrosky            | Data Base No.        |             |
| Route & Section         | Rt 46 Bridge over<br>Hackensack River | Structure No.        | 0221-155    |
| Local Road Name         | N/A                                   |                      |             |
| Municipality(ies)       | Borough of Little Ferry               | County(ies)          | Bergen      |
| Type of Project         | Bridge rehabilitation                 | Length               | 1, 549 feet |
| From Milepost           | 70.20 PM                              | To Milepost          |             |
| Congressional District  | 09                                    | Legislative District | 38          |
| ROW Cost                | N/A                                   | Construction Cost    | 10          |

| EXISTING FACILITY     |                           |        |     |
|-----------------------|---------------------------|--------|-----|
| ROW Width             | 66' including 8' sidewalk |        |     |
| No. Lanes & Width     | two lane each direction   |        |     |
| Shoulder Width        | 8'                        | Median | N/A |
| Overall Roadway Width | 66'                       |        |     |

| PROPOSED FACILITY     |                           |        |     |
|-----------------------|---------------------------|--------|-----|
| ROW Width             | 66' including 8' sidewalk |        |     |
| No. Lanes & Width     | Two lane each direction   |        |     |
| Shoulder Width        | 8'                        | Median | N/A |
| Overall Roadway Width | 66'                       |        |     |

**II. PROJECT DESCRIPTION** (attach location map; USGS map suggested)

**A. Project Need** (briefly explain why the project is needed):

This structure is structurally deficient and functionally obsolete. The deck is in poor condition, and the superstructure and substructure are in fair condition. By making the following repairs, the condition ratings will be improved to satisfactory or good, the bridge will no longer be structurally deficient and the bridge will have a minimum of 10 years life extension. However, the bridge is functionally obsolete because it has no shoulders. Since we are not widening the bridge, the bridge will still remain as functionally obsolete.

**B. Proposed Improvements** (provide a brief description of proposed improvements):

The following improvements are proposed in order to improve the condition of the structure:

- **Structural steel member replacement and/or strengthening**
  - Strength all the areas with heavy section losses and holes in stringers and connection plates by installing steel bolted reinforcements—primarily in the bascule span
  - Rehabilitate or replace the shear locks in the bascule span which allow vertical deflections under live loads. Supplementary shear locks currently exist which are above deck.
  - Remove loose concrete encasement at various locations
  
- **Deck reconstruction/replacement including deck joints**
  - Rehabilitate the deck with partial or full depth repairs. Marginal inventory ratings may not permit the use of a waterproof membrane and asphalt overlay.
  - Reconstruct or replace all of the sidewalks due to their poor condition
  - Replace all deteriorated deck joint sealers
  - Unclog all scuppers
  - Replace broken main and secondary bars in the open steel grid deck in-kind
  
- **Substructure patching, crack sealing, and reconstruction where warranted**
  - Seal cracks and patch spalls/scaling in piers and abutments
  - Backfill eroded east abutment at north side below wingwall

- **Structural steel painting**
  - Clean and paint all exposed structural steel (bascule span) and bearings (lead based paint abatement required)
- **Replace or rehabilitate the bridge railings and approach guide rails to meet current standards**
  - Replace concrete balustrade with concrete parapet with adequate height on both sides or retrofit to meet current standards
  - Update the approach guide rails to meet current standards by providing adequate stiffening and end terminal at all corners
- **Evaluation and recommendation of seismic retrofit strategies**
  - Consider replacing existing rocker bearings with seismic isolation bearings

|   |   |                                     |                     |
|---|---|-------------------------------------|---------------------|
| <b>C. Right-of-Way Taking</b>                     |   |                                     |                     |
| Total area needed: N/A                            | Est. No. parcels:                                 | In fee- N/A                         | easements- N/A      |
| Est. No. relocations:                             | residences- N/A                                   | businesses- N/A                     | parking spaces- N/A |
| Community Facilities Affected: N/A                |   |                                     |                     |
| Area of public recreation land taken: N/A (acres) |   | Out of a total area of: N/A (acres) |                     |
| <input type="checkbox"/>                          | Green Acres/State-owned Land Involvement          |                                     |                     |
| <input type="checkbox"/>                          | Federally Owned/Federally Funded Land Involvement |                                     |                     |
| <b>Comments:</b>                                  |   |                                     |                     |

|  |  |
|--|--|
| <b>III. ENVIRONMENTAL CONSIDERATIONS</b>   |  |
| <b>A. Noise</b>  |  |
| <input checked="" type="checkbox"/>  | Sensitive receptors exist within 200 feet for two lanes or 400 feet for four lanes.  |
| <input type="checkbox"/>   | Project substantially changes the vertical or horizontal alignment of the roadway.   |
| <input type="checkbox"/>   | Traffic volumes or speeds substantially increase.  |
| <b>Conclusion:</b>   |  |
| <input checked="" type="checkbox"/>  | Noise study not required. No significant impact anticipated.   |
| <input type="checkbox"/>   | Potential noise impacts were studied and are discussed in comments. Project still meets CE criteria.   |
| <b>Comments:</b> The bridge reconstruction project will not significantly affect traffic noise levels in the project area. |  |
| <b>B. Air Quality: CONFORMITY WITH THE CLEAN AIR ACT AMENDMENTS (CAAA) OF 1990</b>   |  |
| <b>Section 1: Regional Emissions Analysis (STIP or MPO's conforming transportation plan)</b>                               |  |
| <input checked="" type="checkbox"/>  | Project is included in the FY 2008_ - 2011_ approved State Transportation Improvement Plan (STIP).   |
| <input type="checkbox"/>   | Project is not listed in the FY 20_ - 20_ approved STIP but is included in the MPO's conforming transportation plan.   |
| <input type="checkbox"/>   | Project is not included in either the approved STIP or the MPO's conforming transportation plan.   |
| <b>Section 2: Based on its scope, the project is categorized by the Transportation Conformity Rule (TCR) as:</b>           |  |
| <input checked="" type="checkbox"/>  | A project type listed in <b>Table 2</b> of the TCR, i.e., <b>Exempt</b> from the conformity requirements of the CAAA (i.e., exempt from regional emissions analysis, Carbon Monoxide (CO) analysis, and Particulate Matter PM2.5 and PM10 analyses requirements) and may proceed towards implementation even in the absence of a conforming transportation plan and TIP. |
| <input type="checkbox"/>   | A project listed in <b>Table 3</b> of the TCR, i.e., <b>Exempt</b> from regional emissions analysis requirement,   |

|                          |  |
|--------------------------|--|
|                          | but local effects of this project with respect to CO, PM2.5 and PM10 concentrations must be considered to determine if a hot-spot analysis is required.<br><i>Complete Section 2a below.</i>   |
| <input type="checkbox"/> | A project type <b>not listed in Table 2 or Table 3</b> of the TCR, i.e., must be part of a conforming STIP and/or a MPO's conforming transportation plan and requires CO, PM2.5 and PM10 hot-spot analyses.<br><i>Complete Section 2a below.</i> |

|   |   |
|---|---|
| <b>Section 2a(1): Project type listed in Table 3 of the TCR for CO analysis</b><br><b>Project type not listed in either Table 2 or Table 3 of the TCR for CO analysis</b> |   |
| <input type="checkbox"/>  | Project located in <b>CO Attainment Area</b> . CO analysis not required. Project may proceed to the project development process.  |
| <input type="checkbox"/>  | The total eight-hour Carbon Monoxide levels are expected to be reasonably below the NAAQS of 9 ppm. This is based on LOS data for the intersection(s) and the total highest traffic volumes at this (those) intersection(s) and the distance of the sensitive receptors to the roadway. No quantitative analysis is required. Project may proceed to the project development process even in the absence of a conforming transportation plan and TIP. |
| <input type="checkbox"/>  | Project located in a Carbon Monoxide <b>Non-Attainment/Maintenance Area</b> and requires a Carbon Monoxide hot-spot analysis. A CO Analysis was completed at the following intersection(s):<br>_____  |
|   | And the results are: _____  |

|  |   |
|--|---|
| <b>Section 2a(2): Project type listed in Table 3 of the TCR for PM2.5 analysis</b><br><b>Project type not listed in Table 2 or Table 3 of the TCR for PM2.5 analysis</b> |   |
| <input type="checkbox"/>   | The project is located in <b>PM2.5 Attainment Area</b> . PM2.5 hot-spot analysis is not required. Project may proceed to the project development process.   |
| <input type="checkbox"/>   | The project is located in a <b>PM2.5 Non-Attainment/Maintenance Area</b> and the project is <b>not an air quality concern</b> under 40CFR 93.123(b) (1). Quantitative/qualitative analysis is not required. Project may proceed to the project development process. |
| <input type="checkbox"/>   | The project is located in a <b>PM2.5 Non-Attainment/Maintenance Area</b> and the project is <b>an air quality concern</b> under 40CFR 93.123(b) (1). A PM2.5 hot-spot analysis was completed at the following location(s): _____                                    |
|  | And the results are: _____  |

|  |  |
|--|--|
| <b>Section 2a(3): Project type listed in Table 3 of the TCR for PM10 analysis</b><br><b>Project type not listed in Table 2 or Table 3 of the TCR for PM10 analysis</b> |  |
| <input type="checkbox"/>   | The project is located in <b>PM10 Attainment Area</b> . PM10 hot-spot analysis is not required. Project may proceed to the project development process.  |
| <input type="checkbox"/>   | The project is located in a <b>PM10 Non-Attainment/Maintenance Area</b> and the project is <b>not an air quality concern</b> under 40CFR 93.123(b) (1). Quantitative/qualitative analysis is not required. Project may proceed to the project development process. |
| <input type="checkbox"/>   | The project is located in a <b>PM10 Non-Attainment/Maintenance Area</b> and the project is <b>an air quality concern</b> under 40CFR 93.123(b) (1). A PM10 hot-spot analysis was completed at the following location(s): _____                                     |
|  | And the results are: _____   |

**Comments** (include LOS, if appropriate): The project will not result in increase in diesel traffic. No significant impact on air quality is anticipated.

**C. Potential Ecological Constraints** (check those that apply)

|                                     |  |                          |  |
|-------------------------------------|--|--------------------------|--|
| <input checked="" type="checkbox"/> | Floodplains                                | <input type="checkbox"/> | Shellfish Habitat  |
| <input type="checkbox"/>            | Wetlands                                   | <input type="checkbox"/> | Acid Producing Soils   |
| <input type="checkbox"/>            | Vernal Pools                               | <input type="checkbox"/> | Submerged Aquatic Vegetation   |
| <input type="checkbox"/>            | Waterbody:                                 | <input type="checkbox"/> | Sole Source Aquifer  |
|                                     | <input type="checkbox"/> Category One      | <input type="checkbox"/> | Forested Areas   |
|                                     | <input type="checkbox"/> Trout Production  | <input type="checkbox"/> | Threatened and Endangered Species:                                       |
|                                     | <input type="checkbox"/> Trout Maintenance | <input type="checkbox"/> | <input type="checkbox"/> State-listed species                            |
|                                     | <input type="checkbox"/> Non-Trout         | <input type="checkbox"/> | <input type="checkbox"/> Federally listed species (fill checklist below) |
| <input type="checkbox"/>            | Wild and Scenic River                      | <input type="checkbox"/> | Other (specify):   |
| <input type="checkbox"/>            | Essential Fish Habitat                     |                          |  |

Federally Listed Threatened & Endangered Species Checklist:

(Please see <http://www.fws.gov/northeast/njfieldoffice/Endangered/consultation.html> for guidance on the current US Fish and Wildlife Service (USFWS) Consultation Procedures. County/municipal species lists are only valid for 90 days.)

|                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/>            | The proposed project is <b>not</b> located in an area with county-wide distribution of a federally listed species <i>and</i> is not within or adjacent to a municipality with a known occurrence of a federally listed species. Documentation of this determination is in the project file. No further action is required under the Endangered Species Act (ESA).   |
| <input checked="" type="checkbox"/> | The proposed project <b>is</b> located in an area with county-wide distribution of a federally listed species <i>and/or</i> is within or adjacent to a municipality with occurrence of federally listed species. Habitat requirements for each of the species have been reviewed and the project's impact area (i.e., action area) was assessed to determine whether it contains potentially suitable habitat. <i>Based on existing information or field surveys, the results revealed:</i> |
| <input checked="" type="checkbox"/> | The project's impact area (*i.e., action area) <b>does not</b> contain potentially suitable habitat for a federally listed species. Documentation of this determination is in the project file. No further action is required under the ESA. Concurrence from the USFWS is not required.  |
| <input type="checkbox"/>            | The project's impact area (i.e., action area) <b>does or may</b> contain potentially suitable habitat for a federally listed species. <i>The assessment and all relevant project information:</i>   |
| <input type="checkbox"/>            | Have been submitted to the US Fish and Wildlife Service's NJ Field Office for ESA <b>Section 7 consultation</b> . Correspondence is attached. See comments below.   |
| <input type="checkbox"/>            | Will be submitted to the New Jersey Division of Land Use Regulation Program during the <b>permitting process</b> . Project requires authorization under the NJ Freshwater Wetlands Protection Act. See comments below.  |

\*Action Area: The action area is defined by regulation as all areas to be affected **directly or indirectly** by the Federal action and **not merely the immediate area involved in the action** (50 CFR §402.02). This analysis is not limited to the "footprint" of the action nor is it limited by the Federal agency's authority. Rather, it is a biological determination of the reach of the proposed action on listed species. Subsequent analyses of the environmental baseline, effects of the action, and levels of incidental take are based upon the action area.

**Conclusion:** project is located in floodplain of Hackensack River. Due to the nature of work no impact expected. Any change in the project scope or plans will require E-Team review.

No significant impact anticipated

Further studies are needed to obtain permits. Project still satisfies CE criteria.

**Comments** (briefly describe *all* potential ecological constraints):

The Bridge is located in floodplain of the Hackensack River. Due to the nature of project no effect is expected on the floodplain.

**D. Anticipated Environmental Permits/Approvals/Coordination** (check those that apply)

|                          |                                      |                          |                           |
|--------------------------|--------------------------------------|--------------------------|---------------------------|
| <input type="checkbox"/> | US Coast Guard                       | <input type="checkbox"/> | NJDEP Pollutant Discharge |
| <input type="checkbox"/> | USACOE Section 10 (Navigable Waters) | <input type="checkbox"/> | NJDEP Dam Safety          |

|                                     |  |                          |  |
|-------------------------------------|--|--------------------------|--|
| <input type="checkbox"/>            | USACOE Section 404 (Nationwide)  | <input type="checkbox"/> | NJDEP Remediation Approval   |
| <input type="checkbox"/>            | USACOE Section 404 (Individual)  | <input type="checkbox"/> | NJDEP Tidelands Conveyance   |
| <input type="checkbox"/>            | USEPA Sole Source Aquifer  | <input type="checkbox"/> | EO 11990 Wetlands  |
| <input type="checkbox"/>            | NJDEP Freshwater Wetlands—GP   | <input type="checkbox"/> | EO 11988 Floodplains   |
| <input type="checkbox"/>            | NJDEP Freshwater Wetlands—IP   | <input type="checkbox"/> | NJDEP Highlands Preservation Area:<br><input type="checkbox"/> Exempt<br><input type="checkbox"/> Highlands Applicability Determination<br><input type="checkbox"/> Highlands Preservation Area Approval |
| <input type="checkbox"/>            | NJDEP Transition Area Waiver   |                          |  |
| <input type="checkbox"/>            | NJDEP Coastal Wetlands   |                          |  |
| <input type="checkbox"/>            | NJDEP Waterfront Development   |                          |  |
| <input type="checkbox"/>            | NJDEP CAFRA  | <input type="checkbox"/> | USDA-Farmland Conversion (Form AD 1006)  |
| <input type="checkbox"/>            | NJDEP Stream Encroachment (minor)  | <input type="checkbox"/> | NJ Agriculture Development Area  |
| <input type="checkbox"/>            | NJDEP Stream Encroachment (major)  | <input type="checkbox"/> | NJDEP Green Acres Program/State House Commission   |
| <input type="checkbox"/>            | NJDEP Stormwater Management:<br><input type="checkbox"/> ≥ 0.25 acre impervious surface<br><input type="checkbox"/> ≥ 1.0 acre disturbance<br><input type="checkbox"/> Unknown at this time<br><input type="checkbox"/> Approval through NJDEP LURP Permit (or)<br><input type="checkbox"/> NJDOT self-certification | <input type="checkbox"/> | National Marine Fisheries Service  |
|                                     |  | <input type="checkbox"/> | NJDEP Parks & Forestry (PL 2001 Chapter 10 Reforestation)  |
|                                     |  | <input type="checkbox"/> | D&R Canal Commission   |
|                                     |  | <input type="checkbox"/> | Meadowlands Commission   |
|                                     |  | <input type="checkbox"/> | Pinelands Commission   |
| <input checked="" type="checkbox"/> | NJPDES Construction Activity Stormwater GP (RFA)   | <input type="checkbox"/> | Endangered Species Act Section 7 Consultation  |
| <input type="checkbox"/>            | NJDEP Water Quality Certificate  | <input type="checkbox"/> | NJDEP Threatened & Endangered Species Coordination   |
|                                     |  | <input type="checkbox"/> | Other (specify):   |

**Comments:** The Hackensack River is SW1 tidal water way. USAC determination and Tidelands Conveyance will be required.  
Due to the nature of the project (bridge resurfacing) Stormwater regulations will not apply.  
No State listed Threatened or Endangered Species known to inhabit project area.

|                                     |   |
|-------------------------------------|---|
| <b>E. Cultural Resources</b>        |   |
| <b>Technical Findings:</b>          |   |
| <input type="checkbox"/>            | Project is not an undertaking for Section 106 purposes; concurrence has been received from FHWA.  |
| <input type="checkbox"/>            | No Effect per FHWA/SHPO Agreement of 7/6/00; subject to conditions identified in the Agreement.   |
| <input type="checkbox"/>            | No Section 106 Consultation per 5/25/01 SHPO concurrence with <i>Section 106 Compliance Procedures, Federally Funded Drainage Improvement Program</i> ; subject to conditions identified in the Agreement.  |
| <input type="checkbox"/>            | No Effect to significant properties if they exist in APE per 36CFR800.3(a)(1) with SHPO concurrence. (Because the Section 106 regulations allow for a level of effort for conducting and evaluating cultural resources to be commensurate with the undertaking, this category of finding was developed to be used for certain projects when no cultural resources survey has been conducted; and self-imposed conditions, if applicable, are presented as part of the undertaking, e.g., Pipeline 3 or other small-scale projects.) |
| <input type="checkbox"/>            | No National Register (NR) listed or eligible properties in APE (Section 106 Findings = No Historic Properties Affected).  |
| <input checked="" type="checkbox"/> | National Register listed/eligible properties exist within APE ( <i>see consultation summary below</i> ).  |

| Archaeology | Architecture |          |          |       | Section 106 Finding  |
|-------------|--------------|----------|----------|-------|--|
|             | Bridge       | Building | District | Other |  |
|             |              |          |          |       | NR listed/eligible property(ies)—<br>No Historic Properties Affected |
|             |              |          |          |       | NR listed/eligible property(ies)—<br>No Adverse Effect (NAE)         |
|             | X            |          |          |       | NR listed/eligible property(ies)—<br>NAE with conditions             |

|  |   |  |  |  |  |
|--|---|--|--|--|--|
|  | X |  |  |  | NR listed/eligible property(ies)—<br>NAE with conditions |
|  |   |  |  |  | NR listed/eligible property(ies)—<br>Adverse Effect      |

| Section 106 Consultation Summary    |   | Date            |
|-------------------------------------|---|-----------------|
| <input type="checkbox"/>            | FHWA concurred with Adverse Effect Finding  |                 |
| <input checked="" type="checkbox"/> | SHPO provided Section 106 consultation comments   | August 29, 2007 |
| <input type="checkbox"/>            | FHWA concurred with no Adverse Effect with Conditions   |                 |
| <input type="checkbox"/>            | ACHP notified of Adverse Effect   |                 |
| <input type="checkbox"/>            | ACHP responded to notification (check one/enter date):<br><input type="checkbox"/> ACHP will participate in consultation<br><input type="checkbox"/> ACHP declined to participate in consultation |                 |
| <input type="checkbox"/>            | MOA executed by FHWA (check one/enter date):<br><input type="checkbox"/> MOA filed with ACHP<br><input type="checkbox"/> ACHP accepted/signed MOA   |                 |

**Comments** (include MOA stipulations or other conditions, if applicable) :

- 1-The repair, rehabilitation, and replacement activities described in the submitted Route 46 Bridge over Hackensack (Structure # 0221-155) shall be responsive to the guidance and recommendations contained in the Secretary of the Interior's Standards for the Treatment of Historic Properties (Standards). The New Jersey Department of Transportation (NJDOT) shall document the engineering need or reason for replacement rather than the repair of any character defining features of the bridges;
- 2- Prior to the initiation of any repair, rehabilitation or replacement activities, and with concurrence from the Historic Preservation Office (HPO) on necessity, the NJDOT shall photographically document any character defining features that may be permanently removed or substantially altered;
- 3- The NJDOT shall consult with and afford the HPO an opportunity to review project plans and specifications and comment for their conformity with the Standards before the final plans and specifications are developed.

| F. Section 4(f) Involvement         |   |
|-------------------------------------|---|
| <b>Section 1: Historic Sites</b>    |   |
| <input checked="" type="checkbox"/> | No Section 4(f) Involvement   |
| <input type="checkbox"/>            | Project results in a "constructive use" of Section 4(f) property.   |
| <input type="checkbox"/>            | Project results in a use of Historic site(s) on or eligible for the National Register of Historic Places (check one below):   |
| <input type="checkbox"/>            | Section 4(f) Involvement. Project is covered under <i>de minimis</i> Evaluation of Impacts and all applicability criteria have been met, including concurrence <i>first</i> by the FHWA that the project meets the applicability criteria, and <i>then</i> concurrence by SHPO with the "No Effect" or "No Adverse Effect" determination <i>after they</i> are notified of the intent to use a <i>de minimis</i> finding. |
| <input type="checkbox"/>            | Section 4(f) Involvement. Project is covered under the <b>Nationwide Section 4(f) Programmatic Evaluation for minor involvement</b> and all applicability criteria have been met, including concurrence by the SHPO (or ACHP) with the "No Effect" or "No Adverse Effect" determination.  |
| <input type="checkbox"/>            | Section 4(f) Involvement. Project is covered under the <b>Nationwide Section 4(f) Programmatic Evaluation for Net Benefits</b> and all applicability criteria have been met, including notification to and concurrence by the FHWA with the determination.  |
| <input type="checkbox"/>            | Section 4(f) Involvement. Project has an "Adverse Effect" determination. <b>Individual Section 4(f)</b> was prepared.   |
| <b>Comments:</b>                    |   |

**Section 2: Historic Bridges**

|                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | No Section 4(f) Involvement   |
| <input type="checkbox"/>            | Section 4(f) Involvement. Project is covered under the <b>Nationwide Section 4(f) Programmatic Evaluation for Historic Bridges.</b> |
| <b>Comments:</b>                    |   |

|   |   |
|---|---|
| <b>Section 3: Publicly Owned Park, Recreation Area, Wildlife or Waterfowl Refuge</b>  |   |
| <input checked="" type="checkbox"/>   | No Section 4(f) Involvement   |
| <input type="checkbox"/>  | Project results in a "Constructive Use" of Section 4(f) property (fill out Site Information below)  |
| <input type="checkbox"/>  | Project requires acquisition from publicly owned recreation land (fill out Site Information below):   |
| <input type="checkbox"/>  | Section 4(f) Involvement. Project is covered under <i>de minimis</i> Evaluation of Impacts and all applicability criteria and conditions have been met, including concurrence <i>first</i> by the FHWA that the project meets the applicability criteria, and <i>then</i> notification to the officials with jurisdiction of the intent to use a <i>de minimis</i> finding. |
| <input type="checkbox"/>  | Section 4(f) Involvement. Project is covered under <b>Nationwide Section 4(f) Programmatic Evaluation for minor involvement</b> and all applicability criteria and conditions have been met, including concurrence by the officials having jurisdiction over the property.  |
| <input type="checkbox"/>  | Section 4(f) Involvement. Project is covered under the <b>Nationwide Section 4(f) Programmatic Evaluation for Net Benefits</b> and all applicability criteria have been met, including notification to and concurrence by the FHWA with the determination.  |
| <input type="checkbox"/>  | Section 4(f) Involvement. Nationwide Section 4(f) Programmatic applicability criteria were not met; <b>Individual Section 4(f) Evaluation</b> was prepared.   |
| <b>Site Information</b> (for projects involving "Constructive Use" or acquisition from publicly owned recreation land, wildlife or waterfowl refuge): |   |
| Name of Site (use local name): _____  |   |
| Lot and Block: _____  |   |
| Total acreage of site: _____  |   |
| Acreage of site affected (acquisition and permanent easements): _____   |   |
| <input type="checkbox"/>  | Federal encumbrances involved (e.g., Wild and Scenic Rivers Act, Land and Water Conservation Fund Act, Rivers and Harbors Act).   |
| <b>Comments:</b>  |   |

|   |  |
|---|--|
| <b>Section 4: Independent Walkway &amp; Bikeway Construction Projects</b> |  |
| <input checked="" type="checkbox"/>                                       | No Section 4(f) Involvement  |
| <input type="checkbox"/>  | Section 4(f) Involvement. Project is covered under the <b>Nationwide Section 4(f) Programmatic Evaluation.</b> Project requires use of recreation and park areas established and maintained primarily for active recreation, open space, or similar purposes. All applicability criteria have been met, including approval in writing by the official with jurisdiction over the property that the project is acceptable and consistent with the designated use of the property and that all possible planning to minimize harm has been accomplished in the location and design of the bikeway or walkway facility. |
| <b>Comments:</b>  |  |

|   |  |
|---|--|
| <b>G. Hazardous Materials and Landfills</b> |  |
| <input type="checkbox"/>                    | Involvement with known or suspected contaminated site.                                 |
| <input type="checkbox"/>                    | Involvement with underground storage tanks.  |
| <b>Conclusion:</b>                          |  |
| <input checked="" type="checkbox"/>         | Low potential for involvement with contamination; no further investigation required.   |
| <input type="checkbox"/>                    | Further investigation and/or sampling required to determine extent of involvement with |

contamination. Project still meets FWHA criteria for a CE.

**Comments:**

**H. Socioeconomics**

The project will **not** result in any significant socioeconomic impacts.

**Comments:**

**I. Environmental Justice**

Project will have **no** disproportionately high or adverse effects on low income and/or minority communities.

Project will have disproportionately high and adverse effects on low income and/or minority communities.

**Conclusion:**

Project is in compliance with the goals of Executive Order 12898 and the requirements of the Civil Rights Act of 1964.

Project is in compliance with the goals of Executive Order 12898 and the requirements of the Civil Rights Act of 1964, through the identification of measures to address disproportionate effects, including actions to avoid or mitigate them. Project satisfies CE criteria.

**Comments:**

**J. Public Reaction** (briefly describe input from the Office of Community Relations or current status of public reaction):

**K. Environmental Commitments** (refer to MOA stipulations or other conditions noted in Section D, if applicable; permit conditions, etc.):

- 1-The repair, rehabilitation, and replacement activities described in the submitted Route 46 Bridge over Hackensack (Structure # 0221-155) shall be responsive to the guidance and recommendations contained in the Secretary of the Interior's Standards for the Treatment of Historic Properties (Standards). The New Jersey Department of Transportation (NJDOT) shall document the engineering need or reason for replacement rather than the repair of any character defining features of the bridges;
- 2- Prior to the initiation of any repair, rehabilitation or replacement activities, and with concurrence from the Historic Preservation Office (HPO) on necessity, the NJDOT shall photographically document any character defining features that may be permanently removed or substantially altered;
- 3- The NJDOT shall consult with and afford the HPO and opportunity to review project plans and specifications and comment for their conformity with the Standards before the final plans and specifications are developed.

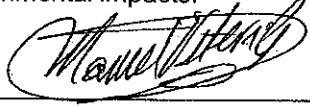


**DETERMINATION OF CATEGORICAL EXCLUSION**

**Project name and location:** Route 46 Bridge over Hackensack River, Borough of Little Ferry, Bergen County

**CE #:** 23 CRF 771.117(d)(3) bridge rehabilitation, reconstruction or replacement or the construction of grade separation to replace existing at-grade railroad crossing.

The proposed project satisfies the Categorical Exclusion definition outlined in 23 CFR 771.117 (a) and will not result in significant environmental impacts.

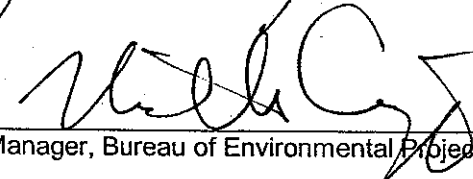
  
\_\_\_\_\_  
Project Manager, Div. of Project Management

10/16/07  
Date

Recommended by:   
\_\_\_\_\_  
Environmental Team Leader

10-16-07  
Date

Certified  
(or)  
Approved

  
for: \_\_\_\_\_  
Manager, Bureau of Environmental Project Support

10/29/07  
Date

Concurrence  
(non-self certified CEs)

  
\_\_\_\_\_  
Division Administrator, Federal Highway Administration

11/6/2007  
Date

enclosures (please include any correspondence referenced in the CED):

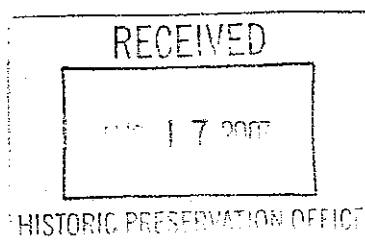
- Project Location Map
- NJ Natural Heritage Program letter
- USFWS coordination letter(s)
- NMFS coordination letter
- SHPO Eligibility & Effects concurrence letter
- Signed MOA
- Final Nationwide Section 4(f) Programmatic Evaluation for:
  - Minor Involvement with Historic Sites
  - Use of Historic Bridges
  - Minor Involvement with Publicly Owned Park, Recreation Area, Wildlife or Waterfowl Refuge
  - Independent Walkway and Bikeway Construction Projects
  - Net Benefits
  - De minimis* Evaluation of Impacts documentation (i.e., notice to SHPO, *de minimis* template)
- Final Individual Section 4(f)
- Resolution of Support from Municipality/County
- Other (specify): \_\_\_\_\_



# State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O.Box 600  
Trenton, New Jersey 08625-0600

JON S. CORZINE  
Governor



KRIS KOLLURI, Esq.  
Commissioner

August 13, 2007

Ms. Dorothy Guzzo  
NJ Department of Environmental Protection  
Historic Preservation Office  
PO Box 404  
Trenton, NJ 08625

Bridge Rehabilitation Project

**Section 106 Consultation**

U.S. Route 46 over the Hackensack River, Homestead Place, New York,  
Susquehanna and Western and Conrail Railroads  
(Structure No. 0221-155)  
Borough of Little Ferry and Ridgefield Park Village  
Bergen County, NJDOT # 2200-168

Dear Ms. Guzzo,

The New Jersey Department of Transportation is proposing the rehabilitation of the National Register eligible Rt. 46 Hackensack Bridge (Structure No. 0221-155), Borough of Little Ferry, Bergen County using a mixture of State and Federal funding. The proposed project will consist of limited rehabilitations such as structural steel member replacement and/or strengthening, deck reconstruction including deck joints, sub-structure patching, crack sealing, and reconstruction where warranted, fender system reconstruction, structural steel painting and evaluation and recommendation of scour retrofit strategies. A more detailed activity list is attached.

As the Rt. 46 Hackensack Bridge (Structure No. 0221-155) has been previously determined to be eligible, NJDOT proposes to have your office review and comment on all proposed rehabilitation work to ensure that the work adheres to the principals of rehabilitation as set forth in the Secretary of the Interior's Standards.

07-1100-2 MHL  
HPO-162007-227

We propose to consult your office on three separate occasions in order to ensure that all rehabilitation work on Structure 0221-155 is done to the Secretary of the Interior's Standards.

The project plans and specifications are not currently available and will be provided to your office at a later date.

It is our opinion that this project will therefore have **no adverse effect with conditions** on the eligible U.S. Route 46 Hackensack Bridge (0221-155).

The double-leaf deck-girder trunnion bascule bridge has been identified as being in need of rehabilitation based on its overall condition rating of fair.

Enclosed is a copy of the USGS Weehawken quadrangle map (project area is highlighted), a copy of the straight-line diagram for the area, a copy of the Historic Bridge Survey Data Form for Structure # 0221-155 and a copy of the Bridge Re-Evaluation Survey Report, Cycle No. 13, June 2005. The bridge was determined to be individually eligible for listing in the National Register of Historic Places under Criterion C (SHPO opinion 02/21/97, letter 03/12/01).

Standing Structures: The architectural APE is considered to be only the area of the bridge due to the nature of the bridge rehabilitation project. The proposed project will have a no adverse effect to the bridge.

Archaeology: The archaeological APE will be the area of ground disturbances. Due to the nature of the project being one of bridge rehabilitation, subsurface work is not anticipated, and no impact to subsurface cultural resources is expected.

The following have been identified as consulting parties/potential signatories to a Memorandum of Agreement (MOA), if developed:

1. FHWA
2. SHPO
3. NJDOT
4. Borough of Little Ferry
5. Ridgefield Park Village
6. Bergen County

The following have been identified as those with an interest in history and historic preservation; these groups/people may wish to participate in the Section 106 process:

1. Ruth Van Wagoner  
Bergen County Division of Cultural and Historic Affairs  
One Bergen County Plaza, 4th Floor  
Hackensack, NJ 07601-7076
2. Bergen County Historical Society  
1209 Main Street  
Box 55 (Steuben House)  
River Edge, NJ 07661
3. Little Ferry Historical Society  
Frank Zabransky, President  
Little Ferry Public Library  
239 Liberty St.  
Little Ferry, NJ 07643
4. Ridgefield Park Village Historic Preservation  
Commission, Robert Olson, Chair  
234 Main St.  
Ridgefield, NJ 07660

Please indicate your opinion regarding the proposed project on the line provided below within 30 days.


**To the parties listed below, if you disagree with the findings and conclusions within this letter, please respond to the NJDOT with your comments in 15 days. Comments can be sent to or emailed to me at the following addresses:**

*Mail:* David Mudge  
The New Jersey Department of Transportation  
PO Box 600  
Trenton, NJ 08625

E-mail: David.Mudge@dot.state.nj.us

I can be reached by phone at (609) 530-2987.

Very truly yours,



David Mudge  
Supervising Environmental Specialist  
Bureau of Environmental Project Support

Enclosures

|                                    |  |
|------------------------------------|--|
| cc: Elkins Green<br>w/o enclosures | <i>Bureau of Environmental Services</i>  |
| Roger Lall<br>"                    | <i>FHWA Area Engineer-Passaic, Bergen, &amp; Essex</i>   |
| Edward Ranuska<br>"                | <i>Bergen County Engineer<br/>One Bergen County Plaza, 4<sup>th</sup> Floor Hackensack, NJ<br/>07601-7076</i>                        |
| Frank Zabransky<br>"               | <i>President, Little Ferry Historical Society<br/>Little Ferry Public Library, 239 Liberty St., Little Ferry,<br/>NJ 07643</i>       |
| Ruth Van Wagoner<br>"              | <i>Bergen County Division of Cultural and Historic Affairs<br/>One Bergen County Plaza, 4th Floor, Hackensack, NJ<br/>07601-7076</i> |
| President<br>"                     | <i>Bergen County Historical Society, 1209 Main Street,<br/>Box 55, (Steuben House), River Edge, NJ 07661</i>                         |
| Clerk<br>"                         | <i>Little Ferry Borough, 215-217 Liberty Street, Little<br/>Ferry, NJ 07643</i>  |
| Clerk<br>"                         | <i>Ridgefield Park Village Municipal Building<br/>232-234 Main Street, Ridgefield Park, NJ 07660</i>                                 |
| Robert Olson<br>"                  | <i>Chair, Ridgefield Park Village Historic Preservation<br/>Commission, 234 Main St., Ridgefield, NJ 07660</i>                       |

✓ \* I agree with the architectural APE and the archaeological APE for the U.S. Route 46 over the Hackensack River, Homestead Place, New York, Susquehanna and Western and Conrail Railroads (Structure No. 0221-155), Borough of Little Ferry, Bergen County. Further, my opinion, based on the nature of the project as being one of limited rehabilitations such as structural steel member replacement and/or strengthening, deck reconstruction including deck joints, sub-structure patching, crack sealing, and reconstruction where warranted, fender system reconstruction, structural steel painting and evaluation and recommendation of scour retrofit strategies; with spall patching and concrete replacement that will make use of tinted concrete to match extant concrete and concrete replacement that will match Federal Standard 595B Colors Fan Deck (July 1994) number 20460 all of which will conform to the *Secretary of the Interior's Standards for the Treatment of Historic Properties - Rehabilitation*; and the future submittal of the project plans and specifications, is that the project will have **No Adverse Effect with conditions** to the National Register eligible double-leaf deck-girder trunnion bascule bridge. \*

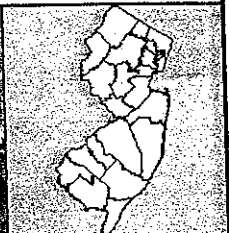
\_\_\_\_\_ My opinion differs from the above for the following reasons:

Signed *Matthew J. Guzy* Date *8/29/07 M#*  
Deputy State Historic Preservation Officer

\* My concurrence is based upon the following mutually acceptable conditions:

- 1 The repair, rehabilitation, and replacement activities described in the submitted Route 46 Bridge over the Hackensack River (structure # 0221-155) shall be responsive to the guidance and recommendations contained in the *Secretary of the Interior's Standards for the Treatment of Historic Properties (Standards)*. The New Jersey Department of Transportation (NJDOT) shall document the engineering need or reason for the replacement rather than the repair of any character defining features of the bridges;
- 2 Prior to the initiation of any repair, rehabilitation or replacement activities, and with concurrence from the Historic Preservation Office (HPO) on necessity, the NJDOT shall photographically document any character defining features that may be permanently removed or substantially altered;
- 3 The NJDOT shall consult with and afford the HPO an opportunity to review project plans and specifications and comment for their conformity with the *Standards* at the three (3) points initial plan stage, final plans and specifications, and final contract.

# Rt 46 Hackensack River Bridge



Scale 1:4067

- Roads (Tele Atlas)
- Landscape Project (Forest)
- Substrate Habitat
- Priority Concern
- State Threatened
- State Endangered
- Federal T & E
- Landscape Project (Forested Wetland)
- Landscape Project (Wood Turtle)
- Wood Turtle
- Aerial Photos 2002
- Mid-Atlantic States
- New Jersey
- Other States

**DISCLAIMER**  
NJDEP makes no representations of any kind, including, but not limited to, the accuracy or completeness of these data for a particular use, nor any project planning or design with respect to the digital data layers on this map. All stated notes and apply to these data.



# New Jersey Department of Transportation

## Memorandum

To: Herb Lord  
Natural Heritage Program  
NJDEP

From: John Mikusa  
Division of Environmental Resources  
NJDOT

Date: 07-29-2007

Phone: 5-3017

Subject: US Route 46 over Hackensack River Bridge Improvements

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The New Jersey Department of Transportation (NJDOT) is proposing the Rehabilitation of Route 46 over Hackensack River Bridge, No. 0221-155, in Bergen County. Rehabilitation will include structural steel member replacement and/or strengthening, deck reconstruction including deck joints, sub-structure patching, crack sealing, and reconstruction where warranted. At this time, all work is to be performed from the bridge deck.

This memo is to request a Natural Heritage Database search for records of endangered or threatened species for the proposed project area. Portion(s) of the USGS Weehawken, NJ quad sheet with the project area outlined is attached. A Natural Heritage Data Request Form is also attached.

Compensation for providing this service will be added to the Debit/Credit form, which per agreement, is prepared and forwarded to your office on a quarterly basis, upon receipt of your invoice.

Please call me if additional information is required.

DEP - Division of Parks & Forestry, Office of Natural Lands Management  
**NATURAL HERITAGE DATA REQUEST FORM**

This form is used to request a search of the Natural Heritage Database for records of rare or endangered species and natural communities on or near a project site. The Natural Heritage Program provides the information in order to assist the requestor in preserving habitat for rare and endangered species and natural communities.

To initiate a search, please provide: A) A letter explaining the project; B) A copy of a USGS quad map(s) delineating the bounds of the project site; C) A completed data request form.

Send completed request to: Office of Natural Lands Management, Natural Heritage Program, PO Box 404, 22 South Clinton Avenue, Trenton, NJ 08625-0404.

NAME John Mikusa

AGENCY New Jersey Department of Transportation

ADDRESS 1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625

PHONE 609-530-3017

PROJECT OR SITE NAME Route US Route 46 over Hackensack River Bridge

COUNTY (CHECK THOSE THAT APPLY):

|            |         |            |          |           |            |        |
|------------|---------|------------|----------|-----------|------------|--------|
| ATLANTIC   | BERGEN  | BURLINGTON | CAMDEN   | CAPE MAY  | CUMBERLAND | ESSEX  |
| GLOUCESTER | HUDSON  | HUNTERDON  | MERCER   | MIDDLESEX | MONMOUTH   | MORRIS |
| OCEAN      | PASSAIC | SALEM      | SOMERSET | SUSSEX    | UNION      | WARREN |

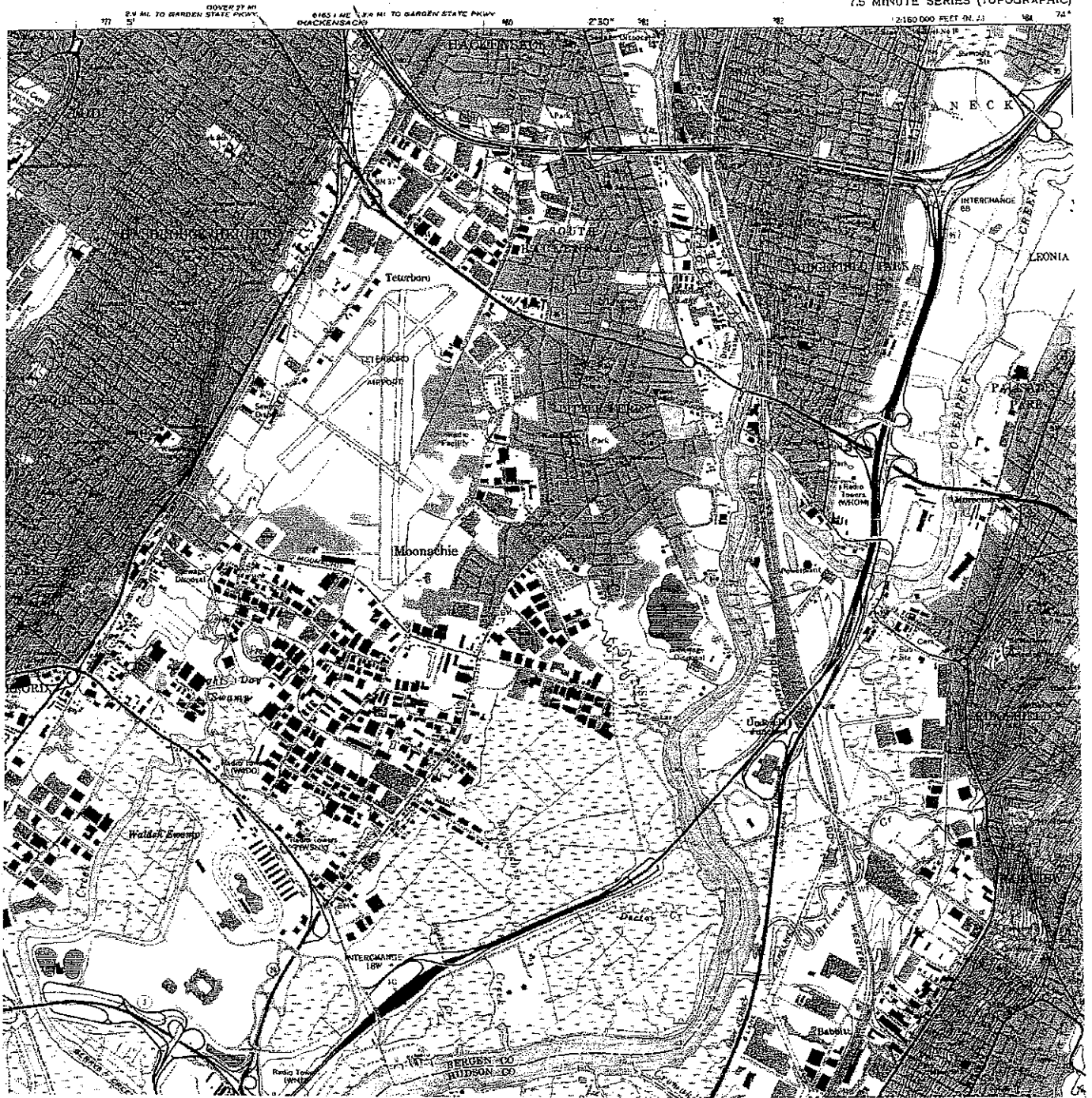
USGS QUAD(S): Weehawken

Any material supplied by the Office of Natural Lands Management will not be published without crediting the Natural Heritage Database as the source of the material. It is understood that there will be a charge of \$20.00 per hour for the services requested. An invoice will be sent with the request response and payment should be made by check or money order payable to "Office of Natural Lands Management."

Date Needed \_\_\_\_\_ Signature \_\_\_\_\_

| FOR OFFICE USE ONLY |                                   | DATE RECEIVED |
|---------------------|-----------------------------------|---------------|
| Item Code:          | REG ___ ST ___ RTC ___ NC         |               |
|                     | REGEO ___ STEO ___ RTCEO ___ NCEO |               |
| Hrs:                |                                   |               |
| Project Code:       | Inv. #:                           |               |

WEEHAWKEN QUADRANGLE  
NEW JERSEY - NEW YORK  
7.5 MINUTE SERIES (TOPOGRAPHIC)



**Bridge Preservation Scope of Work**  
**High Cost Bridges**  
**Structure # 0221-155**  
**US Route 46 over Hackensack River and Homestead Place and**  
**Railroad**

This Structure is Structurally Deficient and Functionally Obsolete. The deck is in poor condition, and the superstructure and substructure are in fair condition. By making the following repairs, the condition ratings will be improved to satisfactory or good, the bridge will no longer be Structurally Deficient and the bridge will have a minimum of 10 years life extension. However, the bridge is Functionally Obsolete because it has no shoulders. Since we are not widening the bridge, the bridge will still remain as Functionally Obsolete.

- **Structural steel member replacement and/or strengthening**
  - Strength all the areas with heavy section losses and holes in stringers and connection plates by installing steel bolted reinforcements—primarily in the bascule span
  - Rehabilitate or replace the shear locks in the bascule span which allow vertical deflections under live loads. Supplementary shear locks currently exist which are above deck.
  - Remove loose concrete encasement at various locations
  
- **Deck reconstruction/replacement including deck joints**
  - Rehabilitate the deck with partial or full depth repairs. Marginal inventory ratings may not permit the use of a waterproof membrane and asphalt overlay.
  - Reconstruct or replace all of the sidewalks due to their poor condition
  - Replace all deteriorated deck joint sealers
  - Unclog all scuppers
  - Replace broken main and secondary bars in the open steel grid deck in-kind
  
- **Substructure patching, crack sealing, and reconstruction where warranted**
  - Seal cracks and patch spalls/scaling in piers and abutments
  - Backfill eroded east abutment at north side below wingwall
  
- **Fender system reconstruction**
  - Replace severely rotted/decayed timber in the fenders—or replace the fenders

- **Structural steel painting**

- Clean and paint all exposed structural steel (bascule span) and bearings (lead based paint abatement required)

- **Replace or rehabilitate the bridge railings and approach guide rails to meet current standards**

- Replace concrete balustrade with concrete parapet with adequate height on both sides or retrofit to meet current standards
- Update the approach guide rails to meet current standards by providing adequate stiffening and end terminal at all corners

- **Evaluation and recommendation of seismic retrofit strategies**

- Consider replacing existing rocker bearings with seismic isolation bearings

- **Evaluation and recommendation of scour retrofit strategies**

- The bridge is not Scour Critical



**State of New Jersey**

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Natural and Historic Resources, Historic Preservation Office  
PO Box 404, Trenton, NJ 08625  
TEL: (609) 292-2023 FAX: (609) 984-0578  
www.state.nj.us/dep/hpo

LISA P. JACKSON  
*Commissioner*

JON S. CORZINE  
*Governor*

May 10, 2007

Mr. David C. Mudge  
Environmental Team Leader  
Division of Environmental Resources  
New Jersey Department of Transportation  
1035 Parkway Avenue  
Post Office Box 600  
Trenton, New Jersey 08625-0600

Dear Mr. Mudge:

In accordance with 36 CFR Part 800: Protection of Historic Properties, as published with amendments in the Federal Register on 6 July 2004 (69 FR 40544-40555), I am providing consultation comments for the Area of Potential Effect (APE) for following proposed undertaking:

**Bergen County, Little Ferry and Ridgefield Boroughs  
Route 46 Bridge over the Hackensack River  
Structure # 0221-155**

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**Summary: The Historic Preservation Office (HPO) concurs with the APE, public participation plan, and the consulting and interested party list for the above listed project.**

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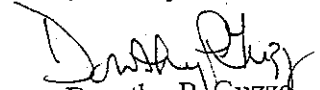
**800.3 Initiation of the Section 106 process**

While the HPO concurs with the APE, public involvement plan, and the consulting and interested party list for this project we would like to also provide the following comments.

The project is briefly described as repair and rehabilitation of the above-mentioned structure. Without more specific project details one can assume the APE for the project is limited to the bridge itself. However, if project plans include significant approach roadway work, the removal of character defining features, etc. it will be appropriate to revisit the APE at that time.

If you have any questions regarding this letter please contact Michelle Hughes at  
(609) 984-6018. Thank you.

Sincerely,



Dorothy P. Guzzo  
Deputy State Historic  
Preservation Officer



NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 Division of Environmental Resources & Context Sensitive Solutions  
 Bureau of Environmental Program Resources  
 Air & Noise Section  
 Categorical Exclusion Document

**Date:** June 5, 2007

**PROJECT:** Rt 46, Hackensack River Bridge  
 Little Ferry Boro and Ridgefield Park Village  
 Bergen County

**A. Noise**

- Sensitive receptors within 65 meters for two lanes or 130 meters for four lanes.
- Project substantially changes vertical or horizontal alignment of the roadway.
- Traffic volumes or speeds substantially increase.

**Conclusion:**

- Noise study not required. No significant impact anticipated.
- Potential noise impacts were studied and are discussed in comments. Project still meets CE criteria.

**Comments:** This bridge reconstruction project will not significantly effect traffic noise levels in the project area.

**B. Air Quality: Conformity with the clean air act amendments (CAAA) of 1990**

**Section 1:** Regional Emissions analysis(STIP or MPO's conforming transportation plan).

- This project is included in the FY 2008 - 2011 approved State Transportation Improvement Plan(STIP).
- This project is not listed in the FY 200 - 200 approved STIP, but is included in the MPO's Conforming transportation plan.
- This project is not included in either the approved STIP or the MPO's conforming transportation plan.

**Section 2:** Based on its scope, the project is categorized by the Transportation Conformity Rule(TCR) as:

- A project type listed in **Table 2** of the TCR, i.e. **Exempted** from the conformity requirements of the CAAA(i.e. exempted from regional emissions analysis, Carbonmonoxide(CO) analysis, Particulate Matter PM2.5 and PM10 analyses requirements) and may proceed toward implementation even in the absence of conforming transportation plan and TIP.



\_\_\_\_\_ A project type listed in **Table 3** of the TCR, i.e. **Exempted** from regional emissions analysis requirement, but local effects of this project with respect to CO, PM2.5, and PM10 concentrations must be considered to determine if a hot-spot analysis is required. Complete **Section 2a** below.

\_\_\_\_\_ A project type not listed in either **Table 2** or **Table 3** of the TCR, i.e. must be a part of a conforming STIP and/or a MPO's conforming transportation plan and requires a CO, PM2.5, and PM10 hot-spot analyses. Complete **Section 2a** below.

**Section 2a-1: Project type listed in Table 3 of the TCR for CO analysis.**

**Project type listed in neither Table 2 nor Table 3 of the TCR for CO analysis.**

\_\_\_\_\_ Project is located in **CO attainment area**. CO analysis not required – project may proceed to the project development process.

\_\_\_\_\_ The total eight hour Carbon-monoxide levels are expected to be reasonably below the NAAQS of 9 ppm. This is based on LOS data for the intersection(s) and the total highest traffic volumes at this(those) intersection(s) and the distance of the sensitive receptors to the roadway. Quantitative analysis is not required – project may proceed to the project development process even in the absence of a conforming transportation plan and TIP.

\_\_\_\_\_ Project is located in a Carbon monoxide **Non-attainment/Maintenance area** and requires a Carbon monoxide hot-spot analysis. A CO analysis was completed at the following locations:

and the results are:

**Section 2a-2: Project type listed in Table 3 of the TCR for PM2.5 analysis.**

**Project type listed in neither Table 2 nor Table 3 of the TCR for PM2.5 analysis.**

\_\_\_\_\_ Project is located in **PM2.5 attainment area**. PM2.5 analysis is not required – project may proceed to the project development process.

\_\_\_\_\_ The project is located in **PM2.5 Non-attainment/Maintenance area** and it is **not an air quality concern** under 40 CFR 93.123(b)(1). Quantitative/qualitative analysis is not required – project may proceed to the project development process.

\_\_\_\_\_ Project is located in a **PM2.5 Non-attainment/Maintenance area** and it is an **air quality concern** under 40 CFR 93.123(b)(1). A PM2.5 hot-spot analysis was completed at the following location(s):

and the results are:

**Section 2a-3: Project type listed in Table 3 of the TCR for PM10 analysis.**

**Project type listed in neither Table 2 nor Table 3 of the TCR for PM10 analysis.**

\_\_\_\_\_ Project is located in **PM10 attainment area**. PM10 analysis is not required – project may proceed to the project development process.

\_\_\_\_\_ The project is located in **PM10 Non-attainment/Maintenance area** and it is **not an air quality concern** under 40 CFR 93.123(b)(1). Quantitative/qualitative analysis is not required – project may proceed to the project development process.

\_\_\_\_\_ Project is located in a **PM10 Non-attainment/Maintenance area** and it is an **air quality concern** under 40 CFR 93.123(b)(1). A PM10 hot-spot analysis was completed at the following location(s):

and the results are:

**Section 3 - Comments (includes LOS if appropriate):**

The project will not result in increase in diesel traffic. No significant impact on air quality is anticipated.