

NEW JERSEY DEPARTMENT OF TRANSPORTATION
CATEGORICAL EXCLUSION DOCUMENTATION

CED Form Updated February 24, 2014

I. GENERAL INFORMATION			
DOT Job Code No.		Federal Project No.	
Project Management Team	Local Aid	UPC No.	
Route & Section	New Brunswick Road	Structure No.	K0607
Local Road Name	New Brunswick Road		
Municipality(ies)	Franklin Township	County(ies)	Somerset County
Type of Project	Bridge Reconstruction	Length	.095 miles (500 feet)
From Milepost	M.P. 3.5	To Milepost	M.P. 3.6
Congressional District	12	Legislative District	17
ROW Cost	\$25,000	Construction Cost	\$1,370,000.00

EXISTING FACILITY			
ROW Width	66'		
No. Lanes & Width	Two (2) 12' Lanes		
Shoulder Width	9'	Median	None
Overall Roadway Width	42'-0"		

PROPOSED FACILITY			
ROW Width	66'		
No. Lanes & Width	Two (2) 12' Lanes		
Shoulder Width	9'	Median	None
Overall Roadway Width	42' - 0"		

II. PROJECT DESCRIPTION (attach location map—USGS map suggested)

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

Somerset County Bridge K0607 is located on a tangent section of New Brunswick Road approximately 400 feet east of the intersection with Cedar Grove Lane (CR 619). A project location map is attached.

Bridge K0607 is classified as Structurally Deficient and has a sufficiency rating of 47.1 out of 100. Rather than depend on temporary fixes regarding the bridge's current condition, the proposed improvements will not only provide a long-term solution, but will also address and remedy the current structural integrity of the bridge. Further deterioration of the structure's condition would ultimately require closure of New Brunswick Road, resulting in a loss of connectivity between its surrounding neighborhoods and the major roadways within Somerset County. With an average daily two-way traffic volume of over 10,000 vehicles per day, New Brunswick Road is a critical link within the local roadway system, providing the community's residents and businesses with access to the County's major roadways.

B. Proposed Improvements (briefly describe the proposed improvements):

The bridge will be rehabilitated by replacing the existing corrugated plate arches with a single barrel precast concrete arch. The proposed rehabilitated bridge will consist of prefabricated, precast concrete arch units, measuring 32'± wide at the base by 8'-2"± high at the crown, supported on the existing concrete slab, which will be retrofitted to function as a mat foundation for the new precast single barrel arch bridge. The headwalls will be reconstructed, of either cast-in-place or precast concrete, to match the waterway opening of the proposed single barrel arch. The existing wingwalls will remain. The NJDOT's standard 4-Bar Open Steel Bridge Railing will be installed along the new upstream headwall to enhance safety. The alignment of the structure with respect to the centerline of New Brunswick Road will be unchanged. With the exception of a minor adjustment to the roadway profile, to correct the existing substandard sag vertical curve length, no other modifications to New Brunswick Road are warranted. No design exceptions will be required.

Overall impacts to traffic will be minimized by fully closing New Brunswick Road to all users, detouring traffic, and utilizing Accelerated Bridge Construction to accomplish the bridge rehabilitation in the shortest possible time frame. All temporary utility relocations would be accomplished prior to closing. Furthermore, the existing bridge invert slab would also be prepared to accept the new precast concrete arch units, while New Brunswick Road continues to remain fully open to all users. It is estimated that New Brunswick Road would be closed for a period not to exceed three (3) weeks, and the total construction duration, exclusive of the temporary utility relocations, would be four (4) months.

C. Right-of-Way Taking			
Total area needed: 15.64 acres	Est. No. parcels:	In fee-0	easements-7
Est. No. relocations:	residences-0	businesses-0	parking spaces-0
Community Facilities Affected: 0			
Area of public recreation land taken: 0 (acres)		Out of a total area of: 0 (acres)	
<input type="checkbox"/>	Green Acres/State-owned Land Involvement		
<input type="checkbox"/>	Federally Owned/Federally Funded Land Involvement		
Comments: The following temporary and permanent easements are required for the proposed work for this project and a tax map has been attached to the CED.			
Two (2) permanent bridge easements:			
Block 424.12, Lot 8: Area is 5,200 Square Feet (SF) or 0.12± acre			
Block 424.10, Lot 302: Area is 6,600 SF or 0.15± acre			
Three (3) temporary construction easements:			
Block 424.12, Lot 8: Area is 6,600 SF or 0.15± acre			
Block 424.10, Lot 302: Area is 4,175 SF or 0.10± acre			
Block 424.10, Lot 33: Area is 1,000 SF or 0.02± acre			
Two (2) temporary utility easements:			
Block 424.10, Lot 302: Area is 10,325 SF or 0.24± acre			
Block 424.10, Lot 33: Area is 400 SF or 0.01± acre			

III. ENVIRONMENTAL CONSIDERATIONS	
A. Noise	
<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.
Conclusion:	
<input checked="" type="checkbox"/>	Noise study not required because the project is a Type III project.
<input type="checkbox"/>	Potential noise impacts were studied and are discussed in comments. Project still meets CE criteria.

Comments: The project will not increase roadway capacity; therefore, while temporary noise impacts may occur during construction, no long-term noise impacts are anticipated.

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)

- Project is included in the current approved State Transportation Improvement Plan (STIP).
- Project is not listed in the current approved STIP but is included in the MPO's conforming transportation plan.
- 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., **Exempt** 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.
- A project listed in **Table 3** of the TCR, i.e., **Exempt** 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 Table 2 or Table 3** 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. *Complete Section 2a below.*

Section 2a(1): Project type listed in Table 3 of the TCR for CO analysis
Project type not listed in either Table 2 or Table 3 of the TCR for CO analysis

- Project 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. No quantitative analysis is required. Project may proceed to the project development process even in the absence of a conforming transportation plan and TIP.
- Project 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 intersection(s): _____

And the results are: _____

Section 2a(2): Project type listed in Table 3 of the TCR for PM2.5 analysis
Project type not listed in Table 2 or Table 3 of the TCR for PM2.5 analysis

- The project is located in PM2.5 **Attainment Area**. PM2.5 hot-spot analysis is not required. Project may proceed to the project development process.
- The project is located in a PM2.5 **Non-Attainment/Maintenance Area** and the project is **not an air quality concern** under 40CFR 93.123(b) (1). Quantitative/qualitative analysis is not required. Project may proceed to the project development process.
- The project is located in a PM2.5 **Non-Attainment/Maintenance Area** and the project **is an air quality concern** under 40CFR 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 not listed in Table 2 or Table 3 of the TCR for PM10 analysis	
<input type="checkbox"/>	The project is located in PM10 Attainment Area . PM10 hot-spot analysis is not required. Project may proceed to the project development process.
<input type="checkbox"/>	The project is located in a PM10 Non-Attainment/Maintenance Area and the project is not an air quality concern 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 PM10 Non-Attainment/Maintenance Area and the project is an air quality concern 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): Based on the anticipated project improvements, the bridge's replacement/rehabilitation is not intended to attract heavy-duty diesel trucks to travel the roadway network, therefore, no further air quality assessment is necessary.	

C. Potential Ecological Constraints (check those that apply)			
<input checked="" type="checkbox"/>	Floodplains	<input type="checkbox"/>	Shellfish Habitat
<input checked="" 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 checked="" type="checkbox"/>	Threatened and Endangered Species:
	<input type="checkbox"/> Trout Maintenance		<input checked="" type="checkbox"/> State-listed species
	<input type="checkbox"/> Non-Trout		<input checked="" type="checkbox"/> Federally listed species
<input type="checkbox"/>	Wild and Scenic River	<input type="checkbox"/>	Other (specify):
<input type="checkbox"/>	Essential Fish Habitat		

Federally Listed Threatened & Endangered Species Checklist:	
[See http://www.fws.gov/northeast/njfieldoffice/Endangered/consultation.html for guidance on the current US Fish and Wildlife Service (USFWS) Consultation Procedures.]	
No Effect:	
<input type="checkbox"/>	USFWS's Information, Planning and Conservation System (IPAC) revealed <i>no federally listed species</i> potentially present in the project's <i>action area</i> (see <i>USFWS website</i>). Therefore, the proposed activities will have no effect on federally listed species. Relevant general recommendations to protect other wildlife resources will be addressed in the project design. No further action is required under the Endangered Species Act.
Potential Effect:	
<input type="checkbox"/>	USFWS's IPAC revealed no federally listed species potentially present in the project's <i>action area</i> . However, <i>USFWS general recommendations to protect other wildlife species could not be implemented</i> . Consultation with the USFWS required.
<input checked="" type="checkbox"/>	USFWS's IPAC revealed <i>one (1) or more federally listed species</i> as potentially present in the project's <i>action area</i> . Section 7 Consultation required.
USFWS Consultation:	
<input type="checkbox"/>	The project requires authorization under the Freshwater Wetlands Protection Act. USFWS consultation will be coordinated with the NJ Division of Land Use Regulation during permit time. NOTE: Depending on the potential level of impact, consultation may be initiated prior to permit application. (Explain in comments below.)

<input type="checkbox"/>	The project is not anticipated to require authorization under the Freshwater Wetlands Protection Act. Consultation has been initiated with the USFWS NJ Field office. Correspondence attached.
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Conclusion:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | No significant impact anticipated |
| <input type="checkbox"/> | Further studies are needed to obtain permits. Project still satisfies CE criteria. |

Comments (briefly describe all potential ecological constraints):

Federal Species:

The project area was reviewed using the USFWS *Information, Planning, and Conservation (IPaC)* System. As a result, it was determined that the following listed species were found within the vicinity of the project:

- Indiana Bat (*Myotis sodalis*)(*Endangered*)
- Northern long-eared Bat (*Myotis septentrionalis*)(*Proposed Endangered*)
- Bog Turtle (*Clemmys muhlenbergii*) (*Threatened*)

According to the United States Fish & Wildlife Service (USFWS), the Indiana Bat (potential habitat) and Northern Long Eared Bat (Maternity colonies) located within Franklin Township, Somerset County. Since the proposed work does not involve tree clearing, impacts to both bats are not anticipated. If the proposed improvements for this project change BEPR and USFWS will need to be consulted.

On April 17th, 2015, Federal Highway Administration (FHWA), Federal Railroad Administration (FRA) and US Fish and Wildlife Service (USFWS) finalized a Range-wide Programmatic Informal Consultation for Indiana Bat and Northern Long-eared Bat. To implement requirements of the Programmatic Consultation as well as addressing the level of effect, a Project Submittal Form for FHWA, FRA, and Transportation Agencies has been completed and **attached**. In accordance with the Programmatic Consultation, this project will have No Effect Indiana Bat or Northern Long-eared Bats.

In addition to the programmatic form, during communication/consultation with USFWS, BEPR was requested conduct an inspection for Bats under Bridge No. K0607. This inspection was performed by Somerset County at approximately 2pm on Tuesday February 23rd 2016 to determine whether Bridge No K0607 may be serving as a habitat for any species of bats. The inspection was conducted in accordance with the Preliminary Bat Inspection Guidelines for Bridges / Structures, assessing the four (4) preliminary indicators of bat presence – Visual, Soud, Droppings (Guano), and Staining. Based on the findings of the conducted inspection, it appears very unlikely that Bridge No. K0607 is currently serving as habitat by any species of bats. The inspection report with photos included has been **attached** to the CED. Based off of the User's Guide for the Range-wide Programmatic Informal Consultation for Indiana Bat and Northern Long-eared Bat Version 2.0, January 2016 the project falls under section 2.2 Actions that Will Have No Effect on Bats and/or Indiana Bat Critical Habitat since this work falls under the *maintenance, alternation, or demolition of bridges/structures if the results of a bridge assessment indicates no sign of bats*.

If project scope changes and tree clearing is required, a reevaluation will need to occur and a timing restriction may be implemented for construction.

State Species

According to NJDEP Landscape Project GIS data, Rank 1 (Habitat Specific Requirements) and Rank 2 (Special Concern) species exist within the project area. The following is the only documented species found in the area:

- Great Blue Heron Ardea Herodias (Rank 2) Foraging (special concern)

These birds tend to forage around aquatic areas, therefore they are most likely located on or near wetlands within the project area.

Water bodies

The following stream crossing exists within the project location: Fox Creek / Delaware and Raritan Canal UNT
Surface Water Quality Standards: FW2-NT

Sole Source Aquifers

There are no sole source aquifers within the project area.

Stormwater: Stormwater management mitigation is not anticipated to be required as part of the project. The thresholds for stormwater management mitigation are a total area of disturbance exceeding one acre, or if greater than .25 acre of new additional impervious surface is created within the project area. Based on the proposed improvements, it is anticipated that these thresholds will not be exceeded.

Essential Fish Habitat (EFH): Essential Fish Habitat is not found within the project area.

Wetlands:

Wetland delineation was conducted on April 1st, 2014; however it was deemed appropriate by Dewberry Consultants that a Letter of Interpretation was not necessary. According to NJDEP GeoWeb Data there are three deciduous wooded wetland areas adjacent to the project area. Based on the work required for this project a Freshwater Wetlands Permit may be required for this project.

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 checked="" 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:
<input type="checkbox"/>	NJDEP Transition Area Waiver	<input type="checkbox"/>	<input type="checkbox"/> Exempt
<input type="checkbox"/>	NJDEP Coastal Wetlands	<input type="checkbox"/>	<input type="checkbox"/> Highlands Applicability Determination
<input type="checkbox"/>	NJDEP Waterfront Development	<input type="checkbox"/>	<input type="checkbox"/> Highlands Preservation Area Approval
<input type="checkbox"/>	NJDEP CAFRA	<input type="checkbox"/>	USDA-Farmland Conversion (Form AD 1006)
<input type="checkbox"/>	NJDEP Flood Hazard Area Permit—GP	<input type="checkbox"/>	NJ Agriculture Development Area
<input checked="" type="checkbox"/>	NJDEP Flood Hazard Area Permit—IP	<input type="checkbox"/>	NJDEP Green Acres Program/State House Comm.
<input type="checkbox"/>	NJDEP Stormwater Management:	<input type="checkbox"/>	National Marine Fisheries Service
<input type="checkbox"/>	<input type="checkbox"/> ≥ 0.25 acre additional net impervious surface	<input type="checkbox"/>	NJDEP Parks & Forestry (PL 2001 Chapter 10 Reforestation)
<input type="checkbox"/>	<input type="checkbox"/> ≥ 1.0 acre disturbance	<input type="checkbox"/>	D&R Canal Commission
<input type="checkbox"/>	<input type="checkbox"/> Unknown at this time	<input type="checkbox"/>	Meadowlands Commission
<input type="checkbox"/>	<input type="checkbox"/> Approval through NJDEP LURP Permit (or)	<input type="checkbox"/>	Pinelands Commission
<input type="checkbox"/>	<input type="checkbox"/> NJDOT self-certification	<input checked="" type="checkbox"/>	Endangered Species Act Section 7 Consultation
<input type="checkbox"/>	NJPDES Construction Activity Stormwater GP (RFA)	<input type="checkbox"/>	NJDEP Threatened & Endangered Species Coordination
<input checked="" type="checkbox"/>	NJDEP Water Quality Certificate	<input type="checkbox"/>	Other (specify):

Comments: Based upon the conditions identified at the site the project has the potential to impact floodplains and wetlands. Therefore, the permits and approvals listed below are anticipated to be required.

- NJDEP General Freshwater Wetlands Permit with 401 Water Quality Certificate
- NJDEP Individual Flood Hazard Area Permit
- Soil Erosion and Sediment Control Approval – Somerset Union Soil Conservation District

Within the original LCD report a D&R Canal Commission Exemption Letter was recommended, however based on the proposed work and since the project is located in Zone B a letter will not be required.

Since the existing roadway width will be maintained, the project as proposed will not construct any additional impervious surface of significance. The total disturbance is estimated to be 0.6 acre (25,000± sq. ft.). Therefore, neither the 0.25 acre threshold of new impervious nor the 1 acre threshold of total disturbance, requiring stormwater management, are exceeded. So no stormwater management is required for the project.

Section 7 Consultation

BEPR consulted with USFWS representative, Jeremy Markuson on 12/24/2015 regarding possible adverse effects on federal species identified within the project area. USFWS determined that the Bog Turtle found in the area would have no effect on the project. However, USFWS requested that BEPR or the County inspect the project area for possible bat presence. The inspection which was conducted on 2/23/2016 by Somerset County Bridge inspectors resulted in the following determination: *no indicators of bat presence under Bridge K0607*. The Programmatic Indiana Bat/NLEB consultation form and inspection report have both been attached to the CED.

E. Cultural Resources	
Technical Findings:	
<input type="checkbox"/>	Project is not an undertaking for Section 106 purposes; concurrence has been received from FHWA.
<input checked="" type="checkbox"/>	No Effect per DOT/SHPO Agreement of 05/14/09; 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 Area of Potential Effects (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 type="checkbox"/>	New Jersey Register <i>listed</i> properties in APE (see comments and K. Environmental Commitments below).
<input type="checkbox"/>	National Register listed/eligible properties exist within APE (see consultation summary below).

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

					NR listed/eligible property(ies)— Adverse Effect
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Section 106 Consultation Summary		Date
<input type="checkbox"/>	FHWA concurred with Adverse Effect Finding	
<input type="checkbox"/>	SHPO provided Section 106 consultation comments	
<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): <input type="checkbox"/> ACHP will participate in consultation <input type="checkbox"/> ACHP declined to participate in consultation	
<input type="checkbox"/>	MOA executed by FHWA (check one/enter date): <input type="checkbox"/> MOA filed with ACHP <input type="checkbox"/> ACHP accepted/signed MOA	

Comments (include MOA stipulations or other conditions, if applicable) : **The proposed activities are listed on the Undertakings Which Have Limited or No Effect on Cultural Resources in New Jersey 5/14/2009:**

- (# 27 For bridges less than 50 years of age and not identified as being eligible in the current historic bridge database repair or in-kind replacement of parapet, superstructure repairs (including but not limited to beams, girders, curbs and sidewalk) and substructure repairs (including but not limited to piers, abutments and wingwalls) where no excavation is proposed.
- (#37) Replacement, repair, lining of culvert and other drainage structures which do not exceed beyond or deeper than previous construction limits, and do not exhibit stone or brick structures or parts therein.
- (# 38) Bridge scour countermeasures which do not require modifications to the bridge structure and where the surface countermeasures will match the existing cross section of the stream.

The project site is not located in a Historic District, however, the following District is .26 miles north of the project area: Inch Linear Multistate Historic District: SHPO Opinion 8/31/1993 / Eligible/ Not Demolished / Not Historic Landmark).

Based on the scope of work, no impact is anticipated to this historic property. The subject bridge K0608 is less than 50 years of age and as a result is not considered a potentially significant property.

Since the work required for this project does not fall within a Historic District and all proposed work falls under the No Effects List, Section 106 Consultation will not be required. (Location Maps attached).

F. Section 4(f) Involvement	
Section 1: Historic Sites	
<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 de minimis 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</i> they 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 Nationwide Section 4(f) Programmatic Evaluation for minor involvement 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 Nationwide Section 4(f) Programmatic Evaluation for Net Benefits 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. Individual Section 4(f) was prepared.

Comments: There are no historic properties within the APE therefore, a Section 4(f) Evaluation is not required for this project.

Section 2: Historic Bridges

- No Section 4(f) Involvement
- Section 4(f) Involvement. Project is covered under the **Nationwide Section 4(f) Programmatic Evaluation for Historic Bridges**.

Comments: K0607 is not listed as a historic bridge and there are no Historic Bridges located within the project limits; therefore, a Section 4(f) Evaluation is not required.

Section 3: Publicly Owned Park, Recreation Area, Wildlife or Waterfowl Refuge

- No Section 4(f) Involvement
- Project results in a "Constructive Use" of Section 4(f) property (fill out Site Information below)
- Project requires acquisition from publicly owned recreation land (fill out Site Information below):
- | | |
|--------------------------|---|
| <input type="checkbox"/> | Section 4(f) Involvement. Project is covered under de minimis 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 Nationwide Section 4(f) Programmatic Evaluation for minor involvement 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 Nationwide Section 4(f) Programmatic Evaluation for Net Benefits 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; Individual Section 4(f) Evaluation was prepared. |

Site Information (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): _____

- Federal encumbrances involved (e.g., Wild and Scenic Rivers Act, Land and Water Conservation Fund Act, Rivers and Harbors Act).

Comments: No open space (state or county) parcels within the project location.

There is an Open Space (County) parcel located approximately .26 miles South East of the project site area: Quail Brook Golf Course (Block 424.10 Lot: 63.04), based on the proposed work for this project there will be no involvement with this specific parcel or any other parks, recreation areas, and wildlife or waterfowl refuges; therefore, a Section 4(f) Evaluation is not required.

Section 4: Independent Walkway & Bikeway Construction Projects

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

Comments: The proposed project is not classified as an Independent Walkway/Bikeway project; therefore a Section 4(f) Evaluation is not required for the proposed project.

G. Hazardous Materials and Landfills

- | | |
|--------------------------|---|
| <input type="checkbox"/> | Known or suspected contaminated site within project limits. |
| <input type="checkbox"/> | Underground storage tanks within project limits. |
| <input type="checkbox"/> | Questionable fill material within project limits. |

Conclusion:

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Low potential for involvement with contamination; no further investigation required. |
| <input type="checkbox"/> | Low potential for involvement with contamination; verification required based upon plan review. |
| <input type="checkbox"/> | Further investigation and/or sampling required to determine extent of involvement with contamination. Project still meets FHWA criteria for a CE. |

Comments: There are no known contaminated sites located within the project location. No further investigation will be required.

H. Socioeconomics

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | The project will not result in any significant socioeconomic impacts. |
|-------------------------------------|--|

Comments: No Permanent right-of-way acquisitions or changes to land use are anticipated and no socioeconomic impacts are expected.

I. Environmental Justice

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Project will have no disproportionately high or adverse effects on low income and/or minority communities. |
| <input type="checkbox"/> | Project will have disproportionately high and adverse effects on low income and/or minority communities. |

Conclusion:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | 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:

Data from the U.S Census Bureau and EPA's EJ Screen Mapping Tool were used to identify Environmental Justice populations within the project area.

Demographic breakdown of project areas are usually conducted within a 500 ft. buffer, however that buffer did not generate any data therefore, the project buffer area was increased to 1000 ft.

Category	Numerical Value or Percentile
Minority %	44%
Low Income	8%
Limited English Proficiency	3%
Population	79

There are no schools, churches, or hospitals within the mapped project area.

While minority populations have been identified within the project area, the proposed project is not anticipated to have an adverse or disproportionate impacts to low income or minority communities within the project area. If the proposed work for the project changes, BEPR will need to be notified to conduct an updated EJ Screen Report.

Census 2010 and ACS reports including an EJ map have been attached to this document.

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

- First Local Officials Meeting was held on April 21st 2014 in Franklin Township, Municipal Building
- May 29th, 2014 First Stakeholders Meeting was held at Franklin Township, Municipal Building
- Public Information Meeting (PIC) May 29th 2014
- Second Local Officials Meeting was held on October 2nd 2014
- October 23rd 2014 second stakeholder meeting and second PIC meeting was held

Bridge K0607 project was part of the NJTPA's Local Concept Development Process. The public has been kept abreast of the project since the early phases of project development. Due to the nature of the proposed project and the minimal impact to the environment that will result from construction, no public opposition is anticipated. A Resolution of support from Franklin Township is attached.

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

1. **Best Management Practices** (such as capturing debris during the painting process, including preparation work) will be utilized to prevent sediment and debris from entering environmentally sensitive areas.
2. If there are any changes to the proposed activities, the changes must be reevaluated by BEPR to determine the need for additional regulatory compliance.
3. **Construction staging activities** (including the storage of equipment/vehicles/ materials) are prohibited in environmentally sensitive areas. In addition, construction staging activities (including the storage of equipment /vehicles/materials) are prohibited in wetlands, stream crossings and their associated transition areas and riparian zones and floodplains. Stream crossings located within the project area include: Fox Creek (Delaware and Raritan Canal UNT / Surface Water Quality Standards: FW2-NT).
4. Based upon the conditions identified at the site the following permits and approvals listed below are anticipated to be required.
 - NJDEP General Freshwater Wetlands Permit with 401 Water Quality Certificate
 - NJDEP Individual Flood Hazard Area Permit
 - Soil Erosion and Sediment Control Approval – Somerset Union Soil Conservation District
 - D&R Canal Commission Exemption Letter
5. If the proposed activities include direct contact with inlets, they must be retrofitted to meet the New Jersey Pollutant Discharge Elimination System (NJPDES) stormwater requirements.

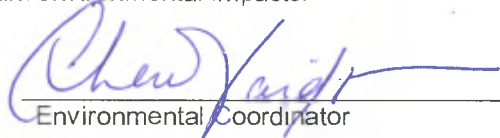
DETERMINATION OF CATEGORICAL EXCLUSION

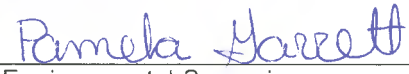
Project name and location: Somerset County Bridge K0607 Rehab and Replacement along Old New Brunswick Road, Franklin Township, Somerset County

CE #: 771.117 (c) (28) Bridge rehabilitation, reconstruction, or replacement.

CE Programmatic Agreement for Approval of Certain Categorical Exclusions #21 bridge rehab and replacement.

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

Prepared/Reviewed by:  3-16-16
Environmental Coordinator Date

Recommended by:  3-21-16
Environmental Supervisor Date

 3/22/16
Project Manager, Div. of Local Aid and Econ. Dev. Date

Certified
(or)
Approved

 3/31/16
Project Manager, Bur of Environ Program Resources Date

Concurrence
(non-self certified CEs) Division Administrator, Federal Highway Administration Date

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

- Project Location Map
- NJ Natural Heritage Program letter
- USFWS coordination letter(s) (e.g., IPAC Species List, Effects/No Effects Determination, etc.)
- 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): EPA EJ SCREEN Environmental Justice Report



PROJECT SITE MAP
NOT TO SCALE

FIGURE 1





State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

State Forestry Services
Mail Code 501-04
ONLM - Natural Heritage Program
P.O. Box 420
Trenton, NJ 08625-0420
Tel. #609-984-1339
Fax. #609-984-1427

CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

June 19, 2014

Michelle Measday
Dewberry Engineers, Inc.
600 Parsippany Road, Suite 301
Parsippany, NJ 07054

Re: New Brunswick Road over Al's Creek

Dear Ms. Measday:

Thank you for your data request regarding rare species information for the above referenced project site in Franklin Township, Somerset County.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.1) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Request for Data into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 2 (attached) to determine if any rare wildlife species or wildlife habitat is documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

For requests submitted as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on your project site. (In some borderline cases these records may be described as on or in the immediate vicinity of your project site.) A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for plant species will only report occurrences for those plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 2 (attached) to determine if any rare plant species covered by the FHACA rules have been documented. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1 and 2 (attached) to determine if any priority sites are located on or within one mile of the project site.

Table 1: On Site Data Request Search Results (7 Possible Reports)

Rare Plants/Ecological Communities Possibly On Site:	No
Rare Plants/Ecological Communities On Site/Immediate Vicinity:	No
Natural Heritage Priority Sites On Site:	No
Landscape 3.1 Species Based Patches On Site:	Yes
Landscape 3.1 Vernal Pool Habitat On Site:	No
Landscape 3.1 Stream/Mussel Habitat On Site:	No
Other Animals Tracked by ENSP On Site:	No

Table 2: Within 1 Mile for FHACA Searches (6 possible reports)

Rare Plants/Ecological Communities within 1 mile:	No
Natural Heritage Priority Sites within 1 mile:	No
Landscape 3.1 Species Based Patches within 1 mile:	Yes
Landscape 3.1 Vernal Pool Habitat within 1 mile:	Yes
Landscape 3.1 Stream/Mussel Habitat within 1 mile:	No
Other Animals Tracked by ENSP within 1 mile:	Yes

**Vernal Pool Habitat
Within One Mile of the Project Site
Based on Search of
Landscape Project 3.1**

Vernal Pool Habitat Type **Vernal Pool Habitat ID**

Potential vernal habitat area 2074

Total number of records: 1



Director of Public Works
PAUL L. McCALL
(908) 231-7024
Fax (908) 231-7170

County Engineer
MATTHEW D. LOPER
(908) 231-7024

Assistant County Engineer
ADAM H. SLUTSKY

COUNTY OF SOMERSET DEPARTMENT OF PUBLIC WORKS

ENGINEERING DIVISION

County Administration Building
20 Grove Street
P.O. Box 3000
Somerville, New Jersey 08876-1262
www.co.somerset.nj.us

MEMORANDUM

Facilities & Services Director
CARL MEMOLI

Supervisor of Roads & Bridges
VINCENZO RUSSO

Director of Planning
WALTER C. LANE

Recycling Superintendent
JOHN T. KENDZULAK, JR.

Transportation Director
YVONNE C. MANFRA

Vehicle Maintenance Acting Supervisor
JOHN T. KENDZULAK, JR.

Somerset Union Soil Conservation
District Manager
FRANK CALO

TO: FILE

FROM: CRAIG MAWHINNEY, PRINCIPAL ENGINEER II

DATE: February 23, 2016

SUBJECT: Bridge No. K0607 New Brunswick Road, Franklin Township
Inspection for Bats

At the request of NJDOT Bureau of Environmental Program Resources, an inspection was performed at approximately 2pm on Tuesday, February 23, 2016 to determine whether Bridge No. K0607 may be serving as a habitat for any species of bats. During the inspection, the weather was overcast with light rain and the temperature was in the mid to upper 30's. The inspection was conducted in accordance with the Preliminary Bat Inspection Guidelines for Bridges/Structures, provided by NJDOT BEPR, and focused on assessing the four (4) preliminary indicators of bat presence – Visual, Sound, Droppings (Guano), and Staining. The following observations were noted:

VISUAL

There was no visual evidence noted of any living, dead, or injured bats throughout the interior/exterior of the structure (two-span, corrugated aluminum structural plate spandrel arch culvert with fill), the concrete invert slab stream bed underneath the structure, or the adjacent upstream and downstream areas. All openings at the aluminum culvert splices, cracks to the fascia spandrel concrete, and at and around the structural repair/shoring posts were visually inspected for the presence of bats.

SOUND

There was no high pitched squeaking or chirping noted at any point during the inspection.

DROPPINGS (GUANO)

There was no evidence of small (mouse-like in appearance but less regular) brown or black (or gray in color if older) pellets anywhere throughout the interior or exterior portion of the structure.

- Mission Statement -

The County of Somerset is committed to excellence and innovation in public service, promoting the well-being of all residents and communities by providing effective, efficient and responsive leadership.

Somerset County Is An Equal Opportunity Employer

STAINING

There was no evidence of 4-6 inch wide dark stains that could appear wet throughout the interior or exterior portion of the structure. There was some moderate staining of the aluminum arch culvert; however, this is related to oxidation from the water seepage of the supported fill above.

Photos taken during the inspection are attached.

In conclusion and based on the findings of this inspection, it appears very unlikely that Bridge No. K0607 is currently serving as a habitat by any species of bats.



Photo 1 – South Elevation, looking northwest



Photo 2 – North Elevation, looking southwest



Photo 3 – East Span, looking north



Photo 4 – East Span, looking north

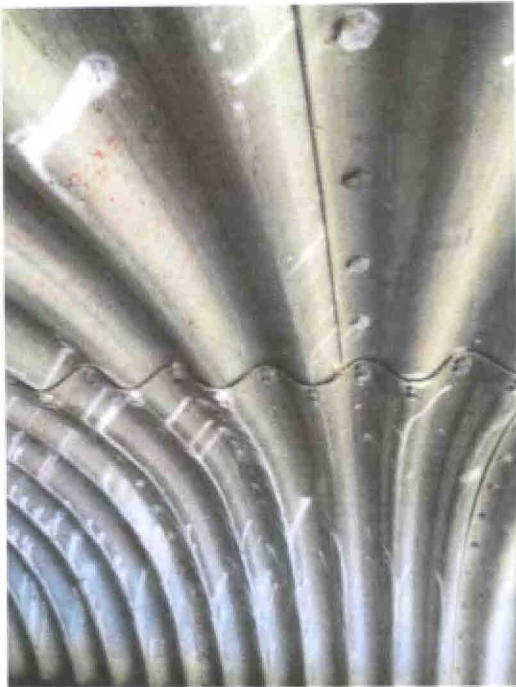


Photo 5 – East Span, typical splice of corrugated arch plates. Note: evidence of oxidation from water seepage of supported fill above (typical).



Photo 6 – West Span, looking south



Photo 7 – West Span, looking southeast



Photo 8 – West Span, looking southwest

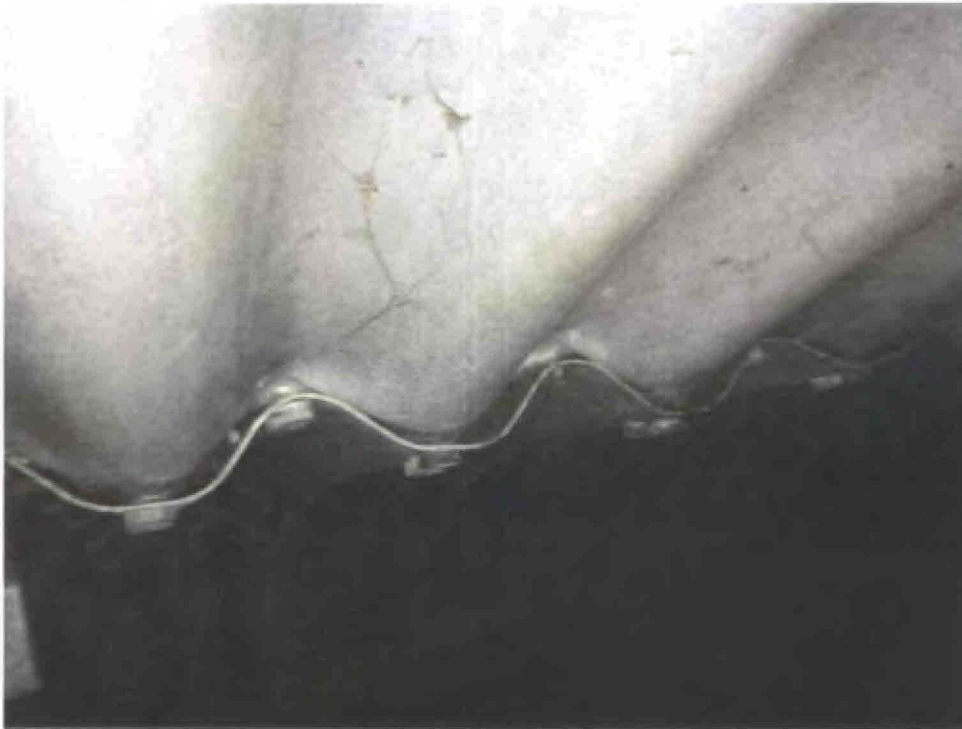


Photo 9 – West Span, typical splice



Photo 10 – West span, typical repair/shoring post



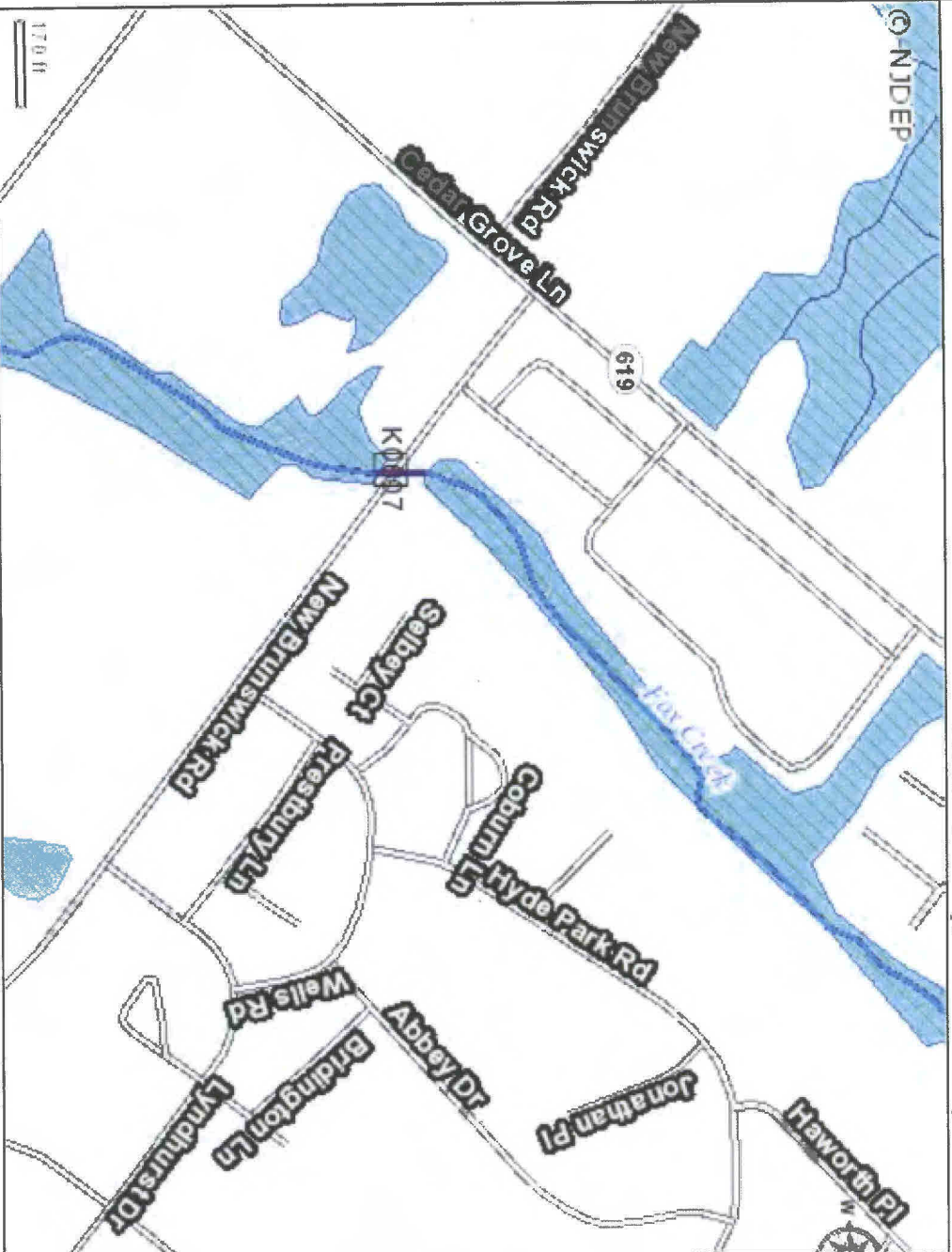
Photo 11 – Upstream, looking south



Photo 12 – Downstream, looking north

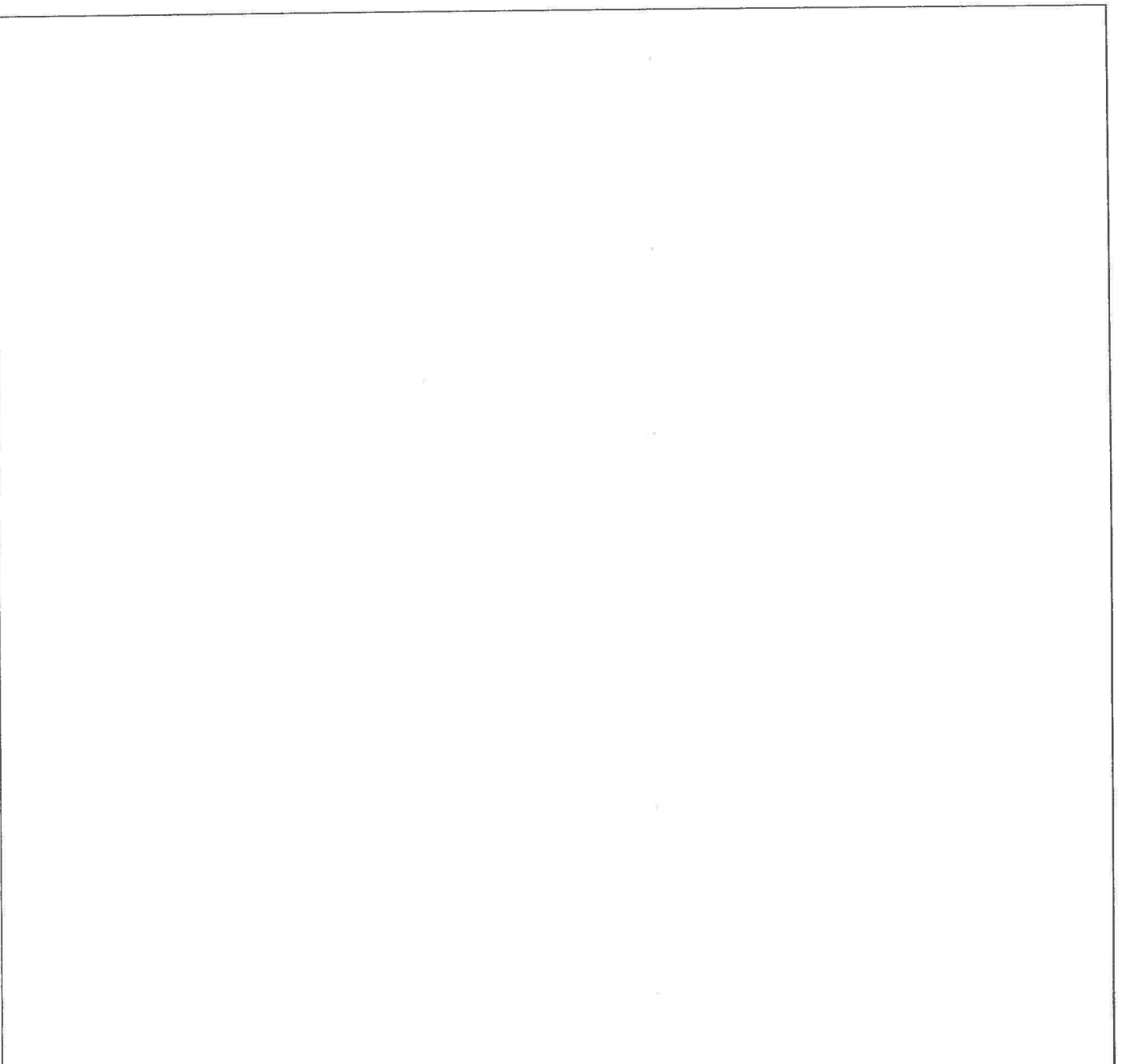
Franklin Township, Somerset County NJ

Bridge K0607



Legend

1 K0607
Map Printed On {2015-10-26 10:31}



- GeoWeb
- Streams
- Coastline
- Stream/River
- Artificial Path
- Connector
- Canal/Ditch
- Pipeline
- Category One Waters
- Surface Water Quality Classification
- DRBC-Zone-1C
- DRBC-Zone-1D
- DRBC-Zone-1E
- DRBC-Zone-2
- DRBC-Zone-3
- DRBC-Zone-4
- DRBC-Zone-5
- PW1
- PW1-TN
- PW1-TP
- PW2-NT
- PW2-NT/SE1
- PW2-NT/SE2
- PW2-NT/SE3
- PW2-NTC1
- PW2-NTC1/SE1
- PW2-NTC1/SE1/SC
- PW2-TN
- PW2-TN/SE1
- PW2-TNC1
- PW2-TP
- PW2-TPC1
- PL
- PL-TN1
- SE1
- SE1C1
- SE2
- SE3
- Islands (2012)
- Municipalities
- Roads 10 (Centerlines) (1:50000 to 1:5000 scale)
- Major Roads (1:200000 to 1:999 scale)
- Toll Road
- Interstate
- US Highway
- State Highway
- County 500 Series
- County 600 Series
- Counties
- Mid-Atlantic States
- New Jersey
- Other Mid-Atlantic States

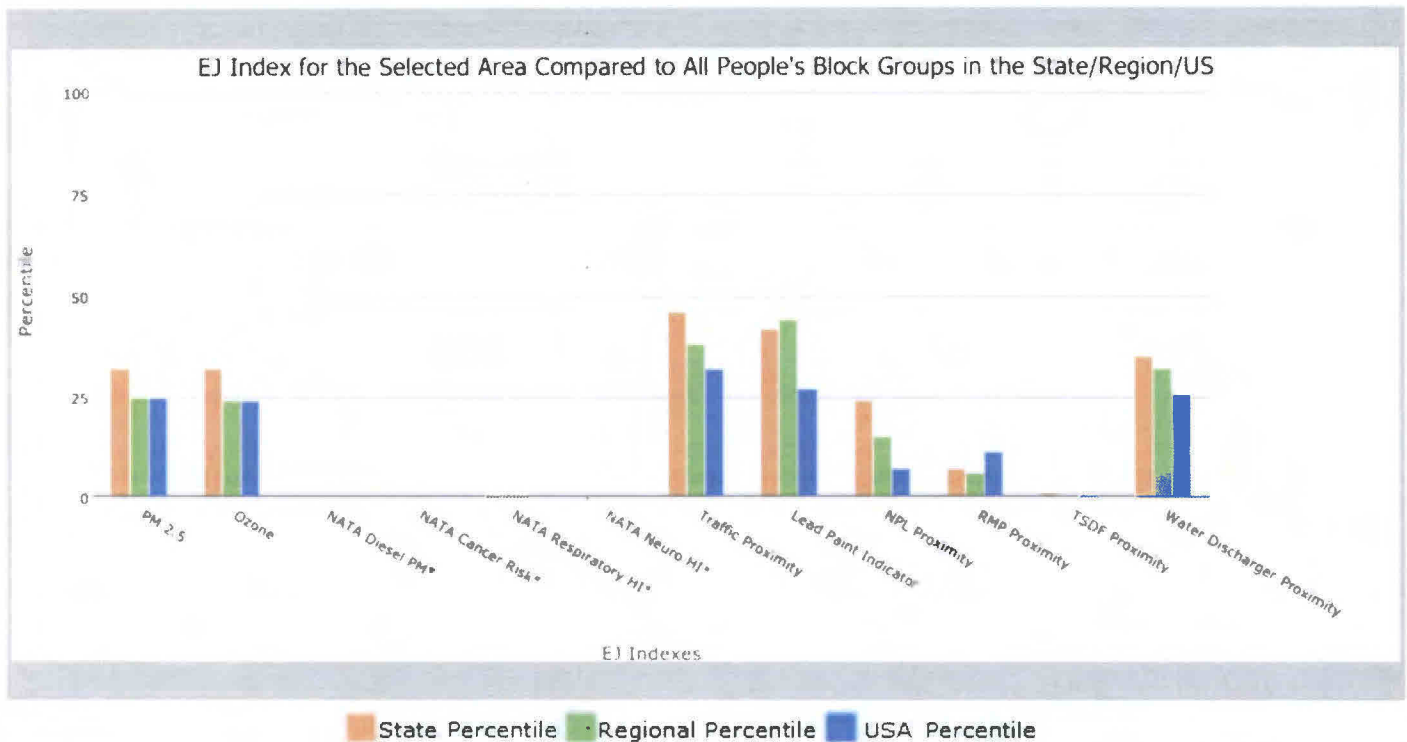


for 1000 foot Ring around the Corridor, NEW JERSEY, EPA Region 2

Approximate Population: 79

Bridge K0607

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	32	25	25
EJ Index for Ozone	32	24	24
EJ Index for NATA Diesel PM*	N/A	N/A	N/A
EJ Index for NATA Air Toxics Cancer Risk*	N/A	N/A	N/A
EJ Index for NATA Respiratory Hazard Index*	N/A	N/A	N/A
EJ Index for NATA Neurological Hazard Index*	N/A	N/A	N/A
EJ Index for Traffic Proximity and Volume	46	38	32
EJ Index for Lead Paint Indicator	42	44	27
EJ Index for Proximity to NPL sites	24	15	7
EJ Index for Proximity to RMP sites	7	6	11
EJ Index for Proximity to TSDFs	1	0	1
EJ Index for Proximity to Major Direct Dischargers	35	32	26



This report shows environmental, demographic, and EJ indicator values. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

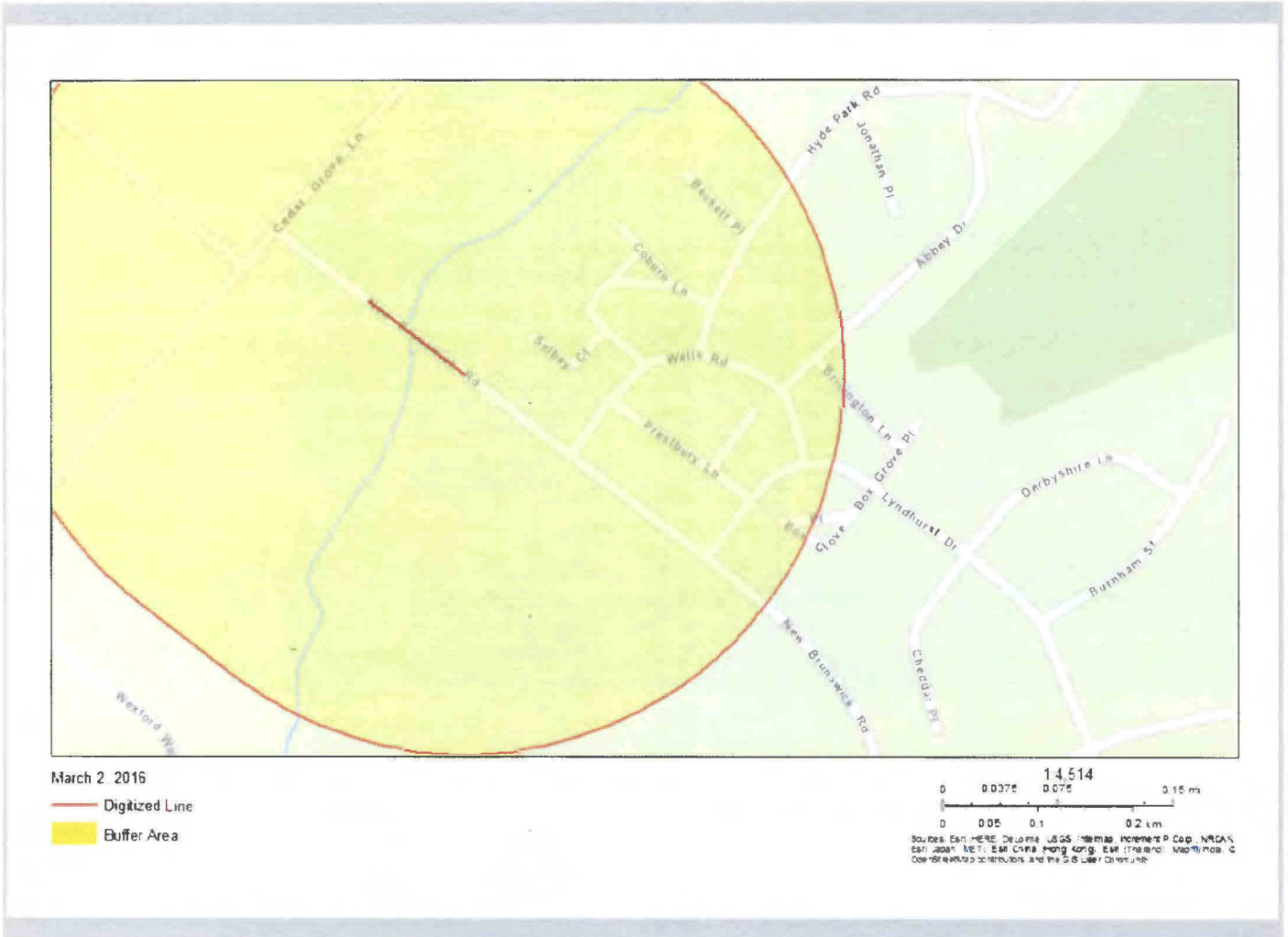
EJSCREEN Report



for 1000 foot Ring around the Corridor, NEW JERSEY, EPA Region 2

Approximate Population: 79

Bridge K0607



EJSCREEN Report



for 1000 foot Ring around the Corridor, NEW JERSEY, EPA Region 2

Approximate Population: 79

Bridge K0607

Selected Variables	Raw Data	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.8	10	38	9.94	46	9.78	46
Ozone (ppb)	48.2	46.9	59	44.7	81	46.1	61
NATA Diesel PM ($\mu\text{g}/\text{m}^3$) [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Cancer Risk (lifetime risk per million) [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Respiratory Hazard Index [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Neurological Hazard Index [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Traffic Proximity and Volume (daily traffic count/distance to road)	16	130	18	160	22	110	31
Lead Paint Indicator (% Pre-1960 Housing)	0.15	0.43	22	0.53	13	0.3	43
NPL Proximity (site count/km distance)	0.17	0.28	55	0.19	70	0.096	87
RMP Proximity (facility count/km distance)	0.28	0.21	84	0.18	87	0.31	74
TSD Proximity (facility count/km distance)	0.18	0.11	94	0.058	97	0.054	95
Water Discharger Proximity (facility count/km distance)	0.12	0.29	44	0.36	34	0.25	47
Demographic Indicators							
Demographic Index	26%	32%	52	35%	49	35%	45
Minority Population	44%	41%	61	41%	60	36%	65
Low Income Population	8%	23%	24	29%	16	34%	9
Linguistically Isolated Population	3%	7%	50	8%	51	5%	64
Population With Less Than High School Education	3%	12%	14	14%	12	14%	12
Population Under 5 years of age	7%	6%	68	6%	68	7%	62
Population over 64 years of age	14%	14%	64	14%	62	13%	63

^{*} The National-scale Air Toxics Assessment (NATA) environmental indicators and EJ indexes, which include cancer risk, respiratory hazard, neurodevelopment hazard, and diesel particulate matter will be added into EJSCREEN during the first full public update after the soon-to-be-released 2011 dataset is made available. The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <http://www.epa.gov/ttn/atw/natamain/index.html>.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

**Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and
Federal Transit Administration (FTA)
Range-wide Programmatic Informal Consultation for
Indiana Bat and Northern Long-eared Bat**

**Project Submittal Form for FHWA, FRA, FTA, and
Transportation Agencies *Updated February 2016***

In order to use the programmatic informal consultation to fulfill Endangered Species Act consultation requirements, transportation agencies must use this submittal form to submit project-level information for all may affect, not likely to adversely affect (NLAA) determinations to the appropriate U.S. Fish and Wildlife Service (Service) field office prior to project commencement. For more information, see the Standard Operating Procedure for Site Specific Project(s) Submission in the User's Guide.

In submitting this form, the transportation agency ensures that the proposed project(s) adhere to the criteria of the range-wide programmatic informal BA. Upon submittal of this form, the appropriate Service field office may review the site-specific information provided and request additional information. If the applying transportation agency is not notified within 14 calendar days of emailing the Project Submittal Form to the Service field office, it may proceed under the range-wide programmatic informal consultation.

Further instructions on completing the submittal form can be found by hovering your cursor over each text box.

1. Date: 3/2/2016

2. Lead Agency: FHWA

This refers to the Federal governmental lead action agency initiating consultation; select FHWA or FRA as appropriate

3. Requesting Agency: NJDOT

a. Name: Charu Vaidya

b. Title: Environmental Specialist 2

c. Phone: 609-530-25366

d. Email: Charu.Vaidya@dot.nj.gov

4. Consultation Code¹: NA

5. Project Name(s): Bridge K0607 Franklin Twp., Somerset County

¹ Available through IPaC System Official Species List: <https://ecos.fws.gov/ipac/>

6. Project Description:

Please attach additional documentation or explanatory text if necessary

The bridge will be rehabilitated by replacing the existing corrugated plate arches with a single barrel precast concrete arch. The proposed rehabilitated bridge will consist of prefabricated, precast concrete arch units, measuring 32'± wide at the base by 8'-2"± high at the crown, supported on the existing concrete slab, which will be retrofitted to function as a mat foundation for the new precast single barrel arch bridge. The headwalls will be reconstructed, of either cast-in-place or precast concrete, to match the waterway opening of the proposed single barrel arch. The existing wingwalls will remain. The NJDOT's standard 4-Bar Open Steel Bridge Railing will be installed along the new upstream headwall to enhance safety.

7. Other species from Official Species List:

- ✓ No effect – project(s) are inside the range, but no suitable habitat – see additional information attached

May Affect – see additional information provided for those species (either attached or forthcoming)

8. For Ibat/NLEB, if Applicable, Explain Your No Effect Determination

No effect – project(s) are outside the species' range (submittal form complete)

No effect – project(s) are inside the range but no suitable summer habitat (submittal form complete)

No effect – project(s) are completely within existing road/rail surface and do not involve percussive or other activities that increase noise above existing traffic/background levels (submittal form complete)

- ✓ No effect – project(s) includes maintenance, alteration, or demolition of bridge(s)/structure(s) and indicate(s) no signs of bats from results of a bridge/structure assessment (submittal form complete)

No effect – project(s) do not involve construction activities (e.g., bridge assessments, property inspections, development of planning and technical studies, property sales, property easements, and equipment purchases) (submittal form complete)

Otherwise, please continue below.

9. For Ibat/NLEB, if Applicable, Explain Your May Affect, Not Likely to Adversely Affect Determination (without implementation of AMMs)

NLAA – project(s) are inside the range but negative bat presence/absence (P/A) surveys (submittal form complete)

NLAA – project(s) conducted completely within existing road/rail surface and involve percussive activities (submittal form complete)

NLAA – project(s) are within areas that contain suitable forested habitat but do not remove or alter trees (e.g., landscaping rest areas, mowing, brush removal, sign or guiderail replacement, and stormwater management) (submittal form complete)

NLAA – project(s) of slash pile burning (submittal form complete)

NLAA – wetland or stream protection activities are associated with wetland mitigation and do not clear suitable habitat (submittal form complete)

Otherwise, please continue below.

For Ibat/NLEB, if applicable, continue to complete the submittal form to explain your may affect, not likely to adversely affect determination (**with implementation of AMMs**)

10. Affected Resource/Habitat Type

Trees

Bridge

Other Non-Tree Roosting Structure (e.g., building)

Other (please explain):

11. For Tree Removal Projects:

- a. Please verify that no documented roosts or foraging habitat will be impacted and that project is within 100 feet of existing road surface:
- b. Please verify that all tree removal will occur during the inactive season²:
- c. Timing of clearing:
- d. Amount of clearing:

² Coordinate with local Service field office for appropriate dates.

12. For Bridge/Structure Work Projects:

- a. Proposed work:
- b. Timing of work:
- c. Evidence of bat activity on bridge/structure:
- d. If applicable, verify that superstructure work will not bother roosting bats in any way:
- e. If applicable, verify that bridge/structure work will occur only in the winter months:

13. Please confirm the following:

Proposed project(s) adhere to the criteria of the range-wide programmatic informal BA (see Section 2.0).

All applicable AMMs will be implemented, including³:

Tree Removal AMM 1:

Tree Removal AMM 2:

Tree Removal AMM 3:

Tree Removal AMM 4:

Bridge AMM 1:

Bridge AMM 2:

Bridge AMM 3:

Bridge AMM 4:

Structure AMM 1:

Structure AMM 2:

Structure AMM 3:

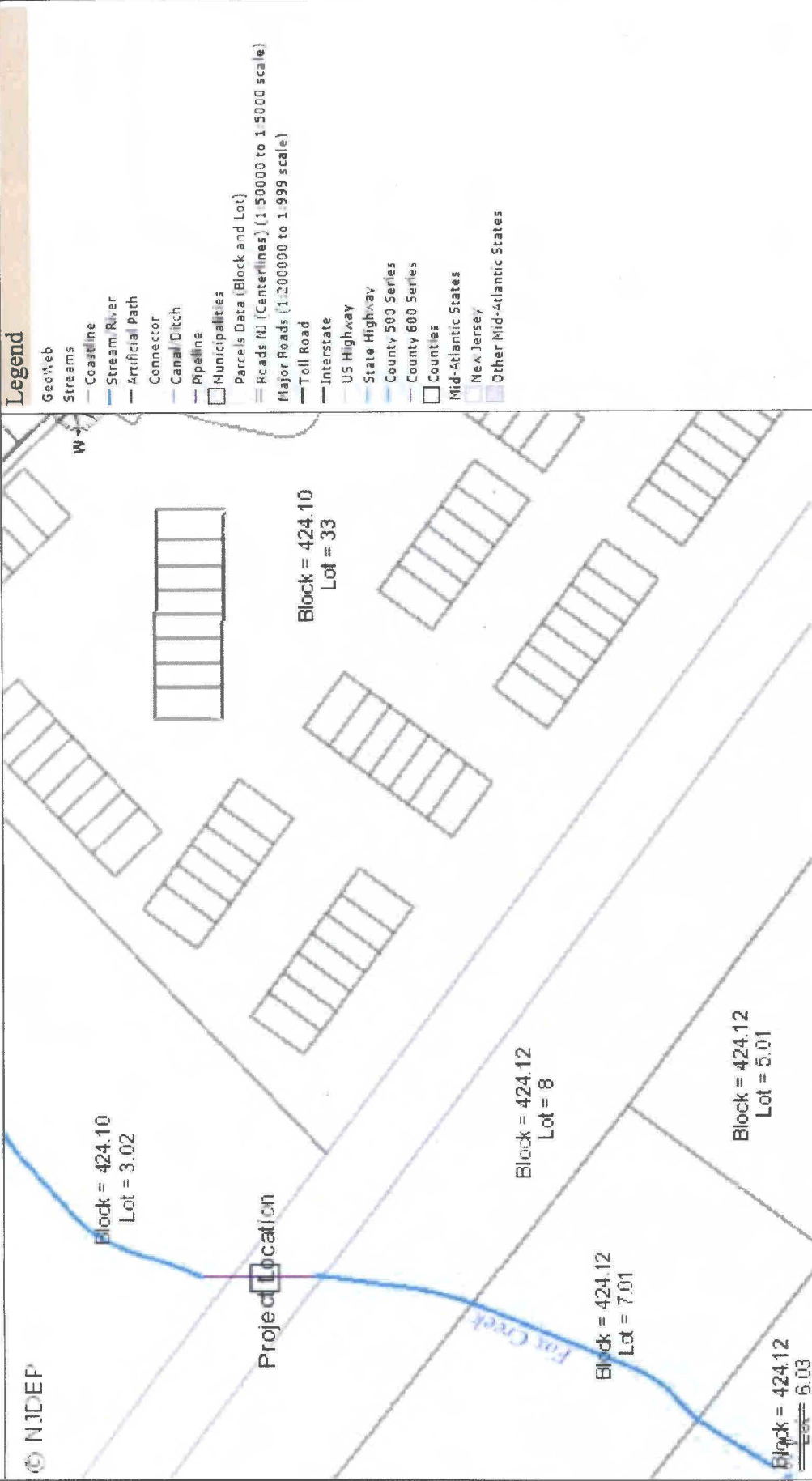
Structure AMM 4:

Lighting AMM 1:

Lighting AMM 2:

³ See AMMs Fact Sheet (Appendix C) for more information on the following AMMs.

Bridge K0607
Parcel Map



Legend

- GeoWeb
- Streams
- Coastline
- Stream/River
- Artificial Path
- Connector
- Canal/Ditch
- Pipeline
- Municipalities
- Parcels Data (Block and Lot)
- Roads NJ (Centerlines) (1:50000 to 1:5000 scale)
- Major Roads (1:200000 to 1:999 scale)
- Toll Road
- Interstate
- US Highway
- State Highway
- County 500 Series
- County 600 Series
- Counties
- Mid-Atlantic States
- New Jersey
- Other Mid-Atlantic States

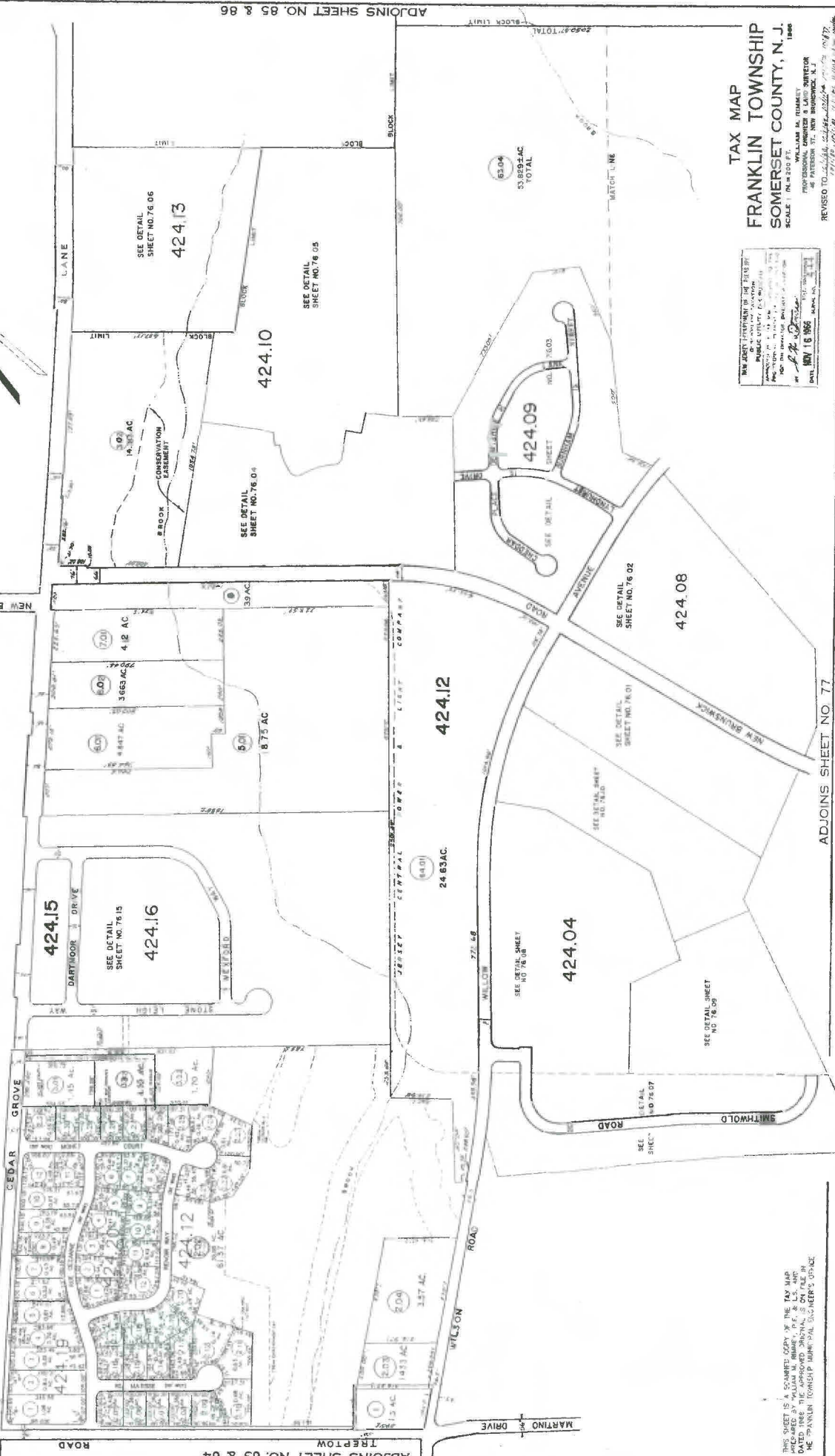
© NJDEP

1 Project Location

Map Printed On {2016-03-15 11:15}

ADJOINS SHEET NO. 74, 75 & 87

REVISIONS	
NO.	DATE
1	5/25/07
2	6/28/07
3	7/16/07
4	7/16/07
5	7/16/07
6	7/16/07
7	7/16/07
8	7/16/07
9	7/16/07
10	7/16/07
11	7/16/07
12	7/16/07
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14	7/16/07
15	7/16/07
16	7/16/07
17	7/16/07
18	7/16/07
19	7/16/07
20	7/16/07



TAX MAP
FRANKLIN TOWNSHIP
SOMERSET COUNTY, N. J.
 SCALE: 1" = 100' FT.
 PROFESSIONAL ENGINEER & LAND SURVEYOR
 48 PATERSON ST., NEW BRUNSWICK, N. J.
 REVISED TO: 2007
 DATE: 10/16/07

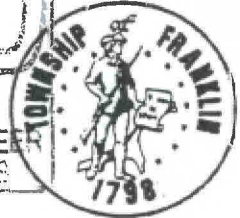


Franklin Township

MAR 20 2015

Somerset County
MUNICIPAL CLERK

COUNTY OF SOMERSET
OFFICE OF THE COUNTY ENGINEER
DIRECTOR OF PUBLIC WORKS



Municipal Building

475 DeMott Lane
Somerset, NJ 08873
Phone: 732-873-2500
Fax: 732-873-1059

March 16, 2015

Somerset County Department of Public Works
Division of Engineering
PO Box 3000
20 Grove Street
Somerville, New Jersey 08876
Attn: Matthew D. Loper, P.E., County Engineer

Re: Resolution #15-97 – Supporting a Preliminary Preferred Alternative for the Replacement of Somerset County Bridge No. K0607 New Brunswick Road Over Al's Brook in Franklin Township

Dear Matthew D. Loper:

Enclosed please find a copy of Resolution #15-97 supporting a preliminary preferred alternative for the replacement of Somerset County Bridge No. K0607, New Brunswick Road over Al's Brook in Franklin Township. Said resolution was adopted by the Township Council of the Township of Franklin, Somerset County, New Jersey at a regularly scheduled meeting held on March 10, 2015.

Very truly yours,

Ann Marie McCarthy, MMC
Township Clerk

AMM:cjb

Enclosure

cc: Thomas Zilinek, Township Engineer



RESOLUTION - SUPPORTING A PRELIMINARY PREFERRED ALTERNATIVE FOR THE REPLACEMENT OF SOMERSET COUNTY BRIDGE NO. K0607 NEW BRUNSWICK ROAD OVER AL'S BROOK IN FRANKLIN TOWNSHIP

WHEREAS, Somerset County Bridge No. K0607, carrying New Brunswick Road and spanning Al's Brook, was constructed circa 1979; and

WHEREAS, the office of the Somerset County Engineer has determined that the bridge is in need of replacement and, through a federally funded Local Concept Development process administered by North Jersey Transportation Planning Authority (NJTPA), has performed an alternatives analysis to identify and evaluate viable and feasible alternatives to replace the bridge; and

WHEREAS, the NJTPA and the New Jersey Department of Transportation have been project team members with Somerset County; and

WHEREAS, the project team held two (2) public information centers to inform the public and receive comments and input on the project; and

WHEREAS, the project team met with respective municipal representatives to inform them and receive comments and input on the project; and

WHEREAS, based on the alternatives analysis and the public and municipal comments, the project team's Preliminary Preferred Alternative, referred to as Alternative 3: On-line, Accelerated Construction, is replacement of the existing double barrel plate arches with a new single barrel precast concrete arch on the same alignment as the existing bridge, utilizing temporary closure of New Brunswick Road which provides the shortest total construction duration and the least overall disruption of traffic; and

WHEREAS, the County of Somerset is desirous of completing the Local Concept Development phase and proceeding to the preliminary and final design phases; and

WHEREAS, to qualify to receive federal funding for the preliminary and final design phases, a resolution of support of the project from the Township of Franklin is desired for inclusion within the Local Concept Development phase project documentation.

NOW, THEREFORE, BE IT RESOLVED, that the Township Council of the Township of Franklin hereby supports the Preliminary Preferred Alternative, referred to as Alternative 3: On-line, Accelerated Construction, which replaces the bridge under a temporary closure of New Brunswick Road; and

BE IT FURTHER RESOLVED, that a certified copy of this resolution shall be forwarded to the Somerset County Engineer.

RESOLUTION SUPPORTING A PRELIMINARY
PREFERRED ALTERNATIVE FOR THE
REPLACEMENT OF SOMERSET COUNTY BRIDGE NO. K0607
NEW BRUNSWICK ROAD OVER AL'S BROOK
FRANKLIN TOWNSHIP, SOMERSET COUNTY

WHEREAS, Somerset County Bridge No. K0607, carrying New Brunswick Road and spanning Al's Brook, was constructed circa 1979; and

WHEREAS, the office of the County Engineer has determined that the bridge is in need of replacement and, through a federally funded Local Concept Development process administered by North Jersey Transportation Planning Authority (NJTPA), has performed an alternatives analysis to identify and evaluate viable and feasible alternatives to replace the bridge; and

WHEREAS, the NJTPA and the New Jersey Department of Transportation have been project team members with Somerset County; and

WHEREAS, the project team held two (2) public information centers to inform the public and receive comments and input on the project; and

WHEREAS, the project team met with respective municipal representatives from the Township of Franklin to inform them and receive comments and input on the project; and

WHEREAS, based on the alternatives analysis and the public and municipal comments, the project team's preliminary preferred alternative, referred to as Alternative 3: On-line, Accelerated Construction, is replacement of the existing double barrel plate arches with a new single barrel precast concrete arch on the same alignment as the existing bridge, utilizing temporary closure of New Brunswick Road which provides the shortest total construction duration and the least overall disruption of traffic; and

WHEREAS, the County of Somerset is desirous of completing the Local Concept Development phase and proceeding to the preliminary and final design phases; and

WHEREAS, as a result of the public and municipal outreach, the County received municipal resolution of support for the Preliminary Preferred Alternative, referred to as Alternative 3: On-line, Accelerated Construction, from the Township of Franklin dated March 10, 2015; and

WHEREAS, to qualify to receive federal funding for the preliminary and final design phases, a resolution of support of the project from the County of Somerset is desired for inclusion within the Local Concept Development phase project documentation.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Chosen Freeholders of the County of Somerset does hereby endorse and fully supports the Preliminary Preferred Alternative, referred to as Alternative 3: On-line, Accelerated Construction, which replaces the bridge under a temporary closure of New Brunswick Road; and

BE IT FURTHER RESOLVED, that the County Clerk forward a certified true copy of this Resolution to the County Engineer, the Federal Highway Administration, the North Jersey Transportation Planning Authority, the New Jersey Department of Transportation, and the Mayor of the governing body of the Township of Franklin.



I, Kathryn Quick, Deputy Clerk of the Board of Chosen Freeholders of the County of Somerset in the State of New Jersey, do hereby certify that the foregoing is a true copy of a Resolution adopted by said Board of Chosen Freeholders at its regularly convened meeting of April 14, 2015.

Kathryn Quick

Kathryn Quick, Deputy Clerk of the Board

Approved as to Form and Legality
Somerset County Counsel

By: *[Signature]*