



Department of Transportation

KATHY HOCHUL

Governor

MARIE THERESE DOMINGUEZ

Commissioner

JAMES RUSAK, P.E.

Assistant Commissioner

Regional Affairs and Asset Management

July 18, 2025

VIA EMAIL

Jennifer Street
Supervisor, Consistency Review Unit
Division of Coastal Resources
New York State Department of State
99 Washington Avenue, Suite 1010
Albany, NY 12231
CR@dos.ny.gov; Jennifer.Street@dos.ny.gov

**RE: PIN 8815.93
BRIDGE WASHING & DECK SEALING
VARIOUS MUNICIPALITIES
COLUMBIA, DUTCHESS, PUTNAM, WESTCHESTER, ROCKLAND, ORANGE, AND
ULSTER COUNTIES**

Dear Ms. Street:

The New York State Department of Transportation (NYSDOT) is progressing a project with locations within the designated New York State Coastal Zone Management Area (CZMA); several locations are within the limits of Local Waterfront Revitalization Program (LWRP) areas, Scenic Area of Statewide Significance (SASS), and Significant Coastal Habitats. Attached is a table of the locations within the coastal zone. A GIS shapefile or Google Earth KMZ file of all of the locations is available upon request. This letter serves as Federal Aid Notification.

The project will consist of cleaning/washing bridges and sealing decks as needed to remove debris and protect against corrosive substances. This project is part of the Regional annual bridge washing/deck sealing program which requires that each structure be cleaned, and concrete bridge decks be sealed periodically. All work will occur within the existing highway right-of-way, there will be no excavation, and there will be no changes to the bridges.

Attached is the standard specification that will be followed regarding concrete sealing, which discusses the methodology of cleaning and sealing activities. Additionally, item specification 641.510XYZ16 will be included in the contract which states "All sand, dirt, cinders, and other trash and debris collected from the bridge shall be disposed of at a suitable off-site disposal facility in accordance with the provisions of §107-10 *Managing Surplus Material & Waste*." The environmental protection notes for this contract are not yet written but they will be very similar to the notes from the previous contract, which are attached.

The project will comply with the policies of the CZMA Program and the LWRP areas.

The project is federally funded through the Federal Highway Administration. No federal permits are required. The project is being progressed as a NEPA Class II action and SEQRA Type II action in accordance with the Department's implementing the regulations of SEQR (17 NYCRR Part 15).

Based on the above and enclosed information, we respectfully request that NYSDOS render a general concurrence decision regarding the release of federal funding in support of the project. If you have any questions or would like to discuss the project in more detail, please contact me at Stephanie.Lewison@dot.ny.gov or (845) 431-5823.

Sincerely,

Stephanie Lewison

Stephanie Lewison
Regional Environmental Contact

Attachments:

- Bridge List
- Photo
- Specification 559-3.01 regarding concrete sealing
- Environmental protection notes

cc: Jordan Strack, Project Manager, NYSDOT Region 8
George CrimiVaroli, Project Manager, NYSDOT Region 8
Holly Frey, Environmental Unit Supervisor, NYSDOT Region 8

8815.94 Bridge Washing
Bridges within the Coastal Zone

BIN	CARRIED	CROSSED	COUNTY	Latitude	Longitude	LWRP	SASS	Coastal habitat
1006460	COLUMBIA	9G 9G81021076	ROELIFF JANSEN KL	42.17519	-73.8564		Catskill-Olana	Roeliff Jansen Kill
1005239	DUTCHESS	113 113 82011001	9 9 82051122	41.65622	-73.9307	Poughkeepsie		
1005259	DUTCHESS	9 9 82052007	FOX STREET	41.69091	-73.9361			
1005260	DUTCHESS	COLUMBIA STREET	9 9 82052011	41.69586	-73.9368			
1005281	DUTCHESS	9 9 82052015	LAUREL STREET	41.70031	-73.9368			
1005290	DUTCHESS	44 44 82021004	9 9 82052016	41.70262	-73.936			
1005302	DUTCHESS	9 9 82052018	MAIN STREET	41.70564	-73.9369			
1005319	DUTCHESS	9 9 82052019	RAILROAD PLAZA	41.7076	-73.9373			
1005329	DUTCHESS	9 9 82052020	FALLKILL CREEK	41.70843	-73.9375			
1005340	DUTCHESS	HOFFMAN STREET	9 9 82052022	41.71222	-73.9367			
1006450	DUTCHESS	9G 9G82013262	STONY CREEK	42.07115	-73.8943	Red Hook	Estates District	
1007150	ORANGE	9W 9W83021004	POPOLOPEN CREEK	41.32366	-73.9898		Hudson Highlands	
1007160	ORANGE	9W 9W83021007	OLD MINE ROAD	41.32789	-73.9878		Hudson Highlands	
1007210	ORANGE	ANGOLA ROAD	9W 9W83021111	41.42763	-74.0422			
1007229	ORANGE	9W 9W83021116	CR 107-QUAKER AVE	41.43284	-74.0449			
1007230	ORANGE	WILLOW AVENUE	9W 9W83021122	41.44148	-74.0416			
1007260	ORANGE	9W 9W83021138	MOODNA CREEK	41.45927	-74.0234			Moodna Creek
1022240	ORANGE	32 32 83011099	MOODNA CREEK	41.4331	-74.0542			
1068790	ORANGE	987C 987C83021007	987C TO/FROM RT 6	41.30368	-74.0321		Hudson Highlands (edge)	
1006300	PUTNAM	9D 9D84021065	INDIAN BROOK ROAD	41.40472	-73.9314		Hudson Highlands	
1006310	PUTNAM	9D 9D84021079	FOUNDRY BROOK	41.41872	-73.9461		Hudson Highlands	
1007070	ROCKLAND	9W 9W85011024	FERDON AVENUE	41.0318	-73.9261	Piermont		
1007140	ROCKLAND	9W 9W85011178	CEDAR POND BROOK	41.22805	-73.9876	Stony Point		
1007320	ULSTER	9W 9W86031097	VINEYARD AVENUE	41.72105	-73.9608	Lloyd		
1007370	ULSTER	9W 9W86033097	ESOPUS CREEK	42.07148	-73.9506	Saugerties	Ulster-North	
1022349	ULSTER	199 199 86011009	32 32 86023027	41.97752	-73.9709			
1041200	ULSTER	213 213 86011238	RONDOUT CREEK	41.89512	-74.0191	Esopus (edge)		Rondout Creek

8815.94 Bridge Washing
Bridges within the Coastal Zone

BIN	CARRIED	CROSSED	COUNTY	Latitude	Longitude	LWRP	SASS	Coastal habitat
1069749	ULSTER	9W 9W86031336	E. Strand Street	41.91803	-73.9819	Kingston	Rondout Creek (edge)	
1004971	WESTCHESTER	9 9 87032153	CROTON RIVER	41.18775	-73.8749	Croton-on-Hudson		Croton River and Bay
1004972	WESTCHESTER	9 9 87032153	CROTON RIVER	41.18814	-73.8754	Croton-on-Hudson		Croton River and Bay
1004989	WESTCHESTER	9 9 87032158	9A 9A87032185	41.19298	-73.8821	Croton-on-Hudson		
1005020	WESTCHESTER	WARREN RD	9 9 87032186	41.22217	-73.9123	Croton-on-Hudson		
1005099	WESTCHESTER	9 9 87033001	WELCHER AVE CR92	41.27055	-73.9344	Croton-on-Hudson (edge)		
1005150	WESTCHESTER	9 9 87034010	COUNTY RTE 306	41.30853	-73.9307			
1091051	WESTCHESTER	117 117 87011202 (Westbound)	BRIDLE PATH	41.10811	-73.8506			
1091052	WESTCHESTER	117 117 87011202	BRIDLE PATH	41.10797	-73.8507			
1091071	WESTCHESTER	117 117 87011107	SLEEPY HOLLOW RD	41.10853	-73.8448			
1091072	WESTCHESTER	117 117 87011007	SLEEPY HOLLOW RD	41.10832	-73.8449			
1091331	WESTCHESTER	117 117 87011198	9 9 87032097	41.11035	-73.8584	Sleepy Hollow (edge)		
1091332	WESTCHESTER	117 117 87011198	9 9 87032097	41.11019	-73.8584	Sleepy Hollow (edge)		
5500039	WESTCHESTER	907W 907W87011010	COLONIAL AVE	40.90263	-73.815			

Typical photo of the construction activities:



559-1 DESCRIPTION. The work in this section shall include work required for protective coatings of concrete.

559-1.01 Scope. Apply a protective sealer to concrete surfaces to slow down/reduce the ingress of water and chlorides into the concrete at locations indicated on the plans or as directed by the Engineer.

559-1.02 Definitions

A. Penetrating Type Protective Sealers – A Penetrating Sealer is a type of sealer that is applied to a concrete surface and has the ability to penetrate the surface and chemically bond to the concrete. These are used on both new and existing concrete bridge decks and traffic bearing surfaces to include, but not limited to: approach slabs, bridge deck overlays, and sidewalks. Penetrating Sealers are also used on new structural concrete and precast concrete elements that are subject to water and/or chloride exposure and require long term protection.

B. Coating Type Protective Sealers – A Coating Sealer is a type of sealer that is applied to the surface of existing concrete when a uniform appearance is required. These are two part systems which consist of a primer coat followed by a top coat. Coating Sealers are used on new and existing concrete surfaces when an aesthetic appearance is desired, as they can hide stained or underlying repair areas while providing protection to the concrete.

559-2 MATERIALS

559-2.01 Protective Sealing of Structural Concrete

The protective sealers to be used on concrete surfaces shall be on the Approved List and meet the requirements of one of the following subsections:

- §717-03 Penetrating Type Protective Sealers
- §717-04 Coating Type Protective Sealers

The protective sealer required for use on all traffic and/or pedestrian bearing surfaces shall be a Penetrating Type Protective Sealer which has a 100% solids content as noted on the Approved List.

Penetrating Type Protective Sealer manufactured after April 1, 2022 shall be tinted with a fugitive dye such that the sealer is readily distinguishable upon the concrete surface for at least 4 hours after application but shall become inconspicuous within 7 days after application.

559-3 CONSTRUCTION DETAILS

559-3.01 Protective Sealing of Structural Concrete

A. General. Provide the Engineer with the Sealer Manufacturer's written instructions for application and the proposed method of surface preparation and sealer application at least 7 days prior to the start of work. Only one brand and specific type of sealer off the Approved List will be allowed for use on each individual element of a project (i.e., each pier, bridge deck, abutment, etc.). Follow all sealer manufacturer's written instructions except as modified herein.

B. Surface Preparation. For both new and existing concrete applications, care shall be taken while preparing and cleaning the surfaces to be sealed to ensure that all contaminants are satisfactorily removed without undue damage to the concrete surface or exposure of coarse aggregate.

Contaminants may include but not be limited to grime, dirt, laitance, efflorescence, curing compounds, standing water, oil, paint, or other foreign particles which may prevent penetration or adhesion of the sealer. Prepare the surface for sealing by utilizing a procedure with appropriate equipment that will satisfactorily complete this work, in accordance with the sealer manufacturer's written instructions and subject to the approval of the Engineer. Surface preparation methods usually consist of either: sand, shot, or water blasting with a minimum water blast pressure of 7,000 psi. Upon completion of the cleaning process, the concrete surface shall be free of any remaining residue. All surface preparation work shall be completed and approved by the Engineer, prior to sealer application.

1. New Bridge Decks and Bridge Deck Overlays. All required surface texturing, saw cut grooving, diamond grinding, and construction of barriers, parapets, and walks shall be completed prior to the surface being prepared for sealing. All new concrete bridge decks and bridge deck overlays to be sealed shall air dry for a minimum of 72 hours after completion of the required curing period. If the concrete is subjected to rain or moisture from other operations, the drying period shall be extended 24 hours from the time that the concrete has stopped being wetted. After the drying period has ended, the concrete surface shall be lightly cleaned in accordance with the sealer manufacturer's written instructions followed by vacuum cleaning to prepare the surface and remove any contaminants or loose particles. If water blasting is utilized, the surface shall be air dried upon completion for a minimum of 24 hours or as specified in the sealer manufacturer's written instructions, whichever is longer, before the sealer can be applied. The deck shall be clean and free of all debris prior to sealer application. If a new bridge deck or bridge deck overlay is subjected to traffic for 21 days or more prior to sealing, the concrete surface shall be thoroughly cleaned in accordance with the sealer manufacturer's written instructions before sealer can be applied.

2. New Structural Concrete. All new structural concrete that is to be sealed shall air dry for 14 days after completion of the required curing period or for the length of time specified in the sealer manufacturer's written instructions, whichever is longer. If the concrete is subjected to rain or moisture from other project operations, the drying period shall be extended 24 hours for every day the concrete is subjected to water. After the drying period has ended, the concrete surface shall be lightly cleaned in accordance with the sealer manufacturer's written instructions followed by vacuum cleaning, to prepare the surface and remove any contaminants or loose particles. If water blasting is utilized, the surface shall be air dried upon completion for a minimum of 24 hours or as specified in the sealer manufacturer's written instructions, whichever is longer, before the sealer can be applied. The concrete surface shall be clean and free of all debris prior to sealer application.

3. Existing Structural Concrete and Existing Bridge Decks. Existing concrete surfaces to be sealed shall be thoroughly cleaned with light sand or shot blasting, in accordance with the sealer manufacturer's written instructions followed by vacuum cleaning, to prepare the surface and remove any contaminants or loose particles. Where the use of sand or shot blasting is prohibitive, water blasting may be allowed, provided the Contractor can demonstrate the ability to provide a clean, porous surface in accordance with the requirements of the sealer manufacturer's written instructions. If the concrete is subjected to rain or moisture from other operations such as water blasting, upon completion the surface shall be air dried for a minimum of 24 hours or as specified in the sealer manufacturer's written instructions, whichever is longer, before the sealer can be applied. Surface preparation of any concrete or bridge deck surfaces with existing coatings known to be asbestos containing shall be performed subsequent to coating removal and completed in accordance with Section 210 of the Standard Specifications.

C. Sealer Application

1. Weather Limitations. Sealer materials shall not be applied during wet weather conditions or when adverse weather conditions are anticipated within 12 hours of the completion of sealer application or as specified in the sealer manufacturer's written instructions, whichever is longer. Ambient and surface temperatures shall be a minimum of 40°F and rising during application until the sealed concrete is dry to the touch. Application by spray methods will not be permitted during windy conditions if unsatisfactory coverage will result.

2. Yield Check. If penetrating sealer is to be applied in a single coat to a traffic bearing surface, the Contractor shall demonstrate to the satisfaction of the Engineer that the proposed equipment and procedure will result in uniform coverage at the application rate specified on the Approved List before sealer can be applied.

3. Application. The protective sealer shall be used as supplied by the manufacturer without thinning or alteration with exception of the fugitive dye. Equipment for sealer application shall be compatible with sealer manufacturer requirements, in good working order, clean of foreign materials and approved for use by the Engineer. The quantity of sealer material delivered to the project shall be demonstrated by direct measurement in the presence of the Engineer prior to commencement of sealing application. Assumptions of volumes of unopened containers will not be permitted. The sealer shall be applied by brushing, spraying, or rolling, as recommended by the sealer manufacturer. The direct measurement shall be repeated in the presence of the Engineer when sealer application work is complete to verify the quantity of sealer applied.

a. For Penetrating Type Protective Sealers – Apply sealer in one or more coats in accordance with the sealer manufacturer's written instructions. The total quantity of sealer applied by all coats shall be equal to the quantity required at the application rate specified on the Approved List. The application rate for all traffic and pedestrian bearing surfaces shall be 200 ft²/gal. Additional coats shall be applied perpendicular to the previous coat. Care shall be taken when applying each coat, such that running or pooling does not occur. The final coat shall be allowed to dry according to the sealer manufacturer's written instructions before opening to traffic. On sloping and vertical concrete surfaces, sealer application shall progress from bottom to top. Care shall be taken to ensure that the entire surface of the concrete is covered, and all pores filled.

A 1-pint sample of sealer is required to be taken at a random time during sealer application from the point of application (i.e., from the nozzle of sprayer or spray bar or from the sealer container where sprayers, brushes or rollers are loaded) for quality assurance purposes. This sample shall be submitted to the Department's Central Testing Laboratory (CTL), to the attention of the Chemistry Lab for evaluation. Additional samples may be requested by the Department at any time.

b. For Coating Type Protective Sealers – Apply in accordance with the Contract Plans and the sealer manufacturer's written instructions.

559-4 METHOD OF MEASUREMENT

The quantity to be measured for payment will be in the number of square feet of concrete sealed measured to the nearest whole square foot.

559-5 BASIS OF PAYMENT

8813.65 Bridge Washing Environmental Notes

WATER QUALITY STANDARDS

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAS ESTABLISHED WATER QUALITY STANDARDS, WHICH ARE CONTAINED IN PARTS 700 THROUGH 705 OF TITLE 6 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK. THESE STANDARDS APPLY TO ALL BRIDGE WASHING LOCATIONS AND INCLUDE, BUT ARE NOT LIMITED TO:

1. THERE SHALL BE NO INCREASE IN TURBIDITY THAT WILL CAUSE A SUBSTANTIAL VISIBLE CONTRAST TO NATURAL CONDITIONS;
2. THERE SHALL BE NO SUSPENDED, COLLOIDAL AND SETTLEABLE SOLIDS THAT WILL CAUSE DEPOSITION OR IMPAIR THE WATERS FOR THEIR BEST USAGE; AND
3. THERE SHALL BE NO RESIDUE FROM OIL AND FLOATING SUBSTANCES; VISIBLE OIL FILM; GLOBULES OR GREASE.

VEGETATION REMOVAL

BRUSH GROWTH ADJACENT TO AND UNDER THE STRUCTURE SHALL BE REMOVED BY CUTTING VEGETATION FLUSH TO THE GROUND OR AS ORDERED BY THE ENGINEER-IN-CHARGE. THERE WILL BE NO GRUBBING OF VEGETATION OR STUMPS CAUSING SOIL DISTURBANCE. ALL WOOD, BRUSH, AND OTHER DEBRIS RESULTING FROM THE WORK SHALL BE DISPOSED OF AS SPECIFIED IN THE STANDARD SPECIFICATIONS UNDER SECTION 201 - 3.03, DISPOSAL. THERE WILL BE NO SEPARATE PAYMENT FOR THIS ITEM. THE COST WILL BE INCLUDED IN THE VARIOUS BID PRICES IN THE CONTRACT.

TREE PROTECTION

THE AREA BENEATH THE DRIP LINE OF ALL TREES WITH A TRUNK DIAMETER OF 3 INCHES OR GREATER LOCATED OUTSIDE OF THE PROJECT CLEARING LIMITS OR IN PROXIMITY TO STAGING, STORAGE AND STOCKPILING AREAS SHALL NOT BE DISTURBED. DISTURBANCE INCLUDES REMOVING TREES, STOCKPILING MATERIAL, STORING EQUIPMENT, OR DRIVING AND PARKING VEHICLES BENEATH THE DRIP LINE OF TREES.

THE CONTRACTOR SHALL SUBMIT A PLAN TO THE ENGINEER-IN-CHARGE FOR APPROVAL SHOWING THE PROPOSED STAGING, STORAGE AND STOCKPILE AREAS FOR EACH WORK SITE PRIOR TO PLACEMENT OF ANY EQUIPMENT OR STAGING OF MATERIALS AT THE SUBJECT AREA.

TREE REMOVAL AND TRIMMING PROHIBITION

REMOVAL OF TREES WITH A TRUNK DIAMETER OF 3 INCHES OR GREATER AND REMOVAL OF TREE BRANCHES WITH A DIAMETER OF 3 INCHES OR GREATER AT THE CUT POINT ARE BOTH PROHIBITED UNLESS COORDINATED AND APPROVED BY THE ENGINEER-IN-CHARGE IN CONSULTATION WITH THE CONSTRUCTION ENVIRONMENTAL COORDINATOR.

TROUT STREAM PROTECTION NOTES FOR COLUMBIA COUNTY

THE COLUMBIA COUNTY BRIDGE TABLE INDICATES WHICH BRIDGES ARE LOCATED OVER TROUT STREAMS AND/OR TROUT STOCKING SITES. BRIDGES OVER TROUT STREAMS IN COLUMBIA COUNTY SHOULD BE WASHED AFTER JUNE 1ST AND PRIOR TO SEPTEMBER 30TH.

8813.65 Bridge Washing
Environmental Notes

AVOID WASHING BRIDGES THAT ARE OVER TROUT STREAMS WHEN DAYTIME AIR TEMPERATURES ARE 87°F OR HIGHER, TO MINIMIZE STRESS ON TROUT.

WASHING BRIDGES OVER WATER

- 1. TO PREVENT THE UNINTENTIONAL SPREAD OF INVASIVE SPECIES, THE USE OF MUNICIPAL WATER FOR STRUCTURE CLEANING WHEREVER POSSIBLE IS RECOMMENDED TO AVOID THE NEED FOR DISINFECTION OF THE EQUIPMENT. IF THE USE OF MUNICIPAL WATER IS NOT POSSIBLE THE RECOMMENDATION IS THAT WATER SHOULD BE TAKEN FROM THE STREAM OR WATER FLOWING UNDER THE BRIDGE. IF WATER IS TAKEN FROM THE STREAM, ALL EQUIPMENT USED SHALL BE STEAM CLEANED PRIOR TO ENTERING AND RE-ENTERING ANY WATERCOURSE INCLUDING INTRA-WATERSHED USE. WHENEVER POSSIBLE, BRIDGE WASHING SHALL TAKE PLACE FROM UPSTREAM TO DOWNSTREAM WITHIN A GIVEN WATERSHED.**
- 2. WHEN DAYTIME AIR TEMPERATURES ARE 87°F OR HIGHER, WATER TEMPERATURES CAN BE WARM AND TROUT ARE OFTEN STRESSED DURING THESE HOT SUMMER DAYS. AVOIDING WASHING BRIDGES THAT ARE OVER TROUT STREAMS ON THESE HIGH TEMPERATURE DAYS TO MINIMIZE THIS TYPE OF STRESS**
- 3. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENTATION, OR OTHER FOREIGN MATTER, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. IF THE CONTRACTOR USES THE WATER FROM ANY STREAM, THE CONTRACTOR SHALL USE AN INTAKE WHICH FILTERS THE WATER AND PROTECTS AND MAINTAINS THE WATER RIGHTS WITH NO VISIBLE DIFFERENCE IN VOLUME OF FLOW AND CLARITY OF WATER ABOVE AND BELOW THE INTAKE AND SUSTAINS FISH LIFE DOWNSTREAM.**
- 4. IF THE CONTRACTOR DECIDES TO USE THE WATERBODY AS A BASE FOR OTHER WORK, THE CONTRACTOR SHALL FIRST PREPARE A WRITTEN PLAN AND SUBMIT IT TO THE ENGINEER-IN-CHARGE (EIC) FOR APPROVAL. FOR STREAMS CLASSIFIED AS AA, A, OR B WITH OR WITHOUT A SUBCLASS OF (T) OR (TS), AND C WITH A SUBCLASS OF (T) OR (TS), THE ENGINEER-IN-CHARGE SHALL CONSULT WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR CONSISTENCY WITH CURRENT WATER QUALITY STANDARDS. CONTACT INFORMATION IS AS FOLLOWS:**

**COLUMBIA COUNTY:
REGIONAL FISHERIES MANAGER
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, REGION 4
STAMFORD SUB-OFFICE
SUITE 1, 65561 STATE HIGHWAY 10
STAMFORD, NY 12167**

**DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER, AND WESTCHESTER
COUNTIES:
REGIONAL HABITAT PROTECTION MANAGER
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, REGION 3**

**8813.65 Bridge Washing
Environmental Notes**

**21 SOUTH PUTT CORNERS ROAD
NEW PALTZ, NY 12561**

STATE REGULATED FRESHWATER WETLANDS PROTECTION NOTES

SEE THE ENVIRONMENTAL FEATURES TABLES FOR BRIDGE LOCATIONS NEAR STATE-REGULATED (NYSDEC) FRESHWATER WETLANDS. ARTICLE 24 OF THE ENVIRONMENTAL CONSERVATION LAW, PURSUANT TO SECTION 24 - 0701(2), PROHIBITS ANY FORM OF POLLUTION IN OR WITHIN 100 FEET OF STATE REGULATED WETLANDS WITHOUT A PERMIT. POLLUTION IS DEFINED IN PART 663 OF TITLE 6 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK AS THE PRESENCE IN THE ENVIRONMENT OF HUMAN-INDUCED CONDITIONS OR CONTAMINANTS IN QUANTITIES OR CHARACTERISTICS WHICH ARE OR MAY BE INJURIOUS TO HUMAN, PLANT, OR ANIMAL LIFE OR PROPERTY.

NO CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING, STOCKPILING, STORING, STAGING OR OTHER RELATED ACTIVITY SHALL BE PERMITTED WITHIN THE FRESHWATER WETLAND OR THE 100-FOOT ADJACENT AREA OF STATE REGULATED WETLANDS EXCEPT AS DESCRIBED IN THIS CONTRACT. ANY ADDITIONAL WORK IN THE WETLAND OR ADJACENT AREA NOT DESCRIBED IN THIS CONTRACT SHALL NOT BE DONE WITHOUT FIRST CONTACTING THE ENGINEER-IN-CHARGE.

NOTES FOR BRIDGES OVER ANY STREAMS OR WATER BODIES NOT IN THE NYCDEP WATERSHED

THE ENVIRONMENTAL FEATURES TABLES INDICATE WHICH BRIDGE LOCATIONS ARE WITHIN OR OUTSIDE THE NYCDEP WATERSHED. THE FOLLOWING NOTES MUST BE FOLLOWED TO MINIMIZE THE RISK OF SPREADING AQUATIC INVASIVE SPECIES.

1. WATER USED FOR BRIDGE WASHING AT THESE LOCATIONS SHALL BE FROM EITHER OF THE TWO FOLLOWING SOURCES:
 1. ON-SITE WATER, WHICH IS DEFINED AS WATER TAKEN FROM BENEATH THE SUBJECT BRIDGE
 2. MUNICIPAL WATER
2. ON-SITE WATER CANNOT BE USED FOR BRIDGES OVER THE MAIN STEM OF THE DELAWARE RIVER; MUNICIPAL WATER MUST BE USED.
3. WHEN ON-SITE WATER IS USED, ALL EQUIPMENT THAT COMES IN CONTACT WITH THE WATER (INCLUDING, BUT NOT LIMITED TO, BOATS, PLATFORMS, WATER PUMPING EQUIPMENT, WATER STORAGE TANKS, AND TRAILERS AND TRUCKS THAT CARRY SUCH STORAGE TANKS) MUST BE DISINFECTED USING A HIGH TEMPERATURE PRESSURE WASHER (STEAM POWER WASHER) PRIOR TO THE START OF WORK AND PRIOR TO LEAVING THE BRIDGE SITE. THE EQUIPMENT MUST HAVE OPERATING SPECIFICATIONS AT A MINIMUM OF 160 DEGREES FAHRENHEIT, 700 PSI, 2 GALLONS PER MINUTE. ALL EQUIPMENT AND TANKS MUST BE COMPLETELY DEWATERED PRIOR TO DISINFECTION. ANY DEBRIS FOUND ON TRAILERS, ETC., MUST BE REMOVED BEFORE BEING DISINFECTED. THE ENTIRE SURFACE AREA (INTERIOR AND EXTERIOR) OF THE TANK AND EQUIPMENT, INCLUDING, BUT NOT LIMITED TO, ANY AREA THAT COMES IN CONTACT WITH WATER, SHALL BE DISINFECTED BY DIRECT CONTACT WITH A HIGH TEMPERATURE PRESSURE

**8813.65 Bridge Washing
Environmental Notes**

WASHER. DISINFECTION BETWEEN SITES IS NOT REQUIRED WHEN TRAVELING FROM ONE BRIDGE TO ANOTHER IN A DOWNSTREAM DIRECTION IN THE SAME STREAM (EXCEPT FOR THE ESOPUS CREEK - SEE #4 ESOPUS CREEK NOTE). DISINFECTION IS REQUIRED WHEN SWITCHING FROM AN ON-SITE WATER SOURCE TO A MUNICIPAL WATER SOURCE.

- 4. THE ESOPUS CREEK IS CONSIDERED TO BE COMPRISED OF THREE REACHES, WHICH SHALL BE CONSIDERED AS SEPARATE AND DISTINCT STREAMS: THE REACH ABOVE THE PORTAL (THE PORTAL CROSSES ROUTE 28 AT A POINT 0.2 MILES WEST OF THE INTERSECTION OF ROUTE 28 WITH BROADSTREET HOLLOW ROAD IN THE TOWN OF SHANDAKEN, ULSTER COUNTY); THE REACH FROM THE PORTAL TO THE ASHOKAN DAM; AND THE REACH FROM THE ASHOKAN RESERVOIR TO THE HUDSON RIVER. DISINFECTION BETWEEN SITES IS NOT REQUIRED WHEN TRAVELING FROM ONE BRIDGE TO ANOTHER IN A DOWNSTREAM DIRECTION IN THE SAME REACH, BUT DISINFECTION MUST OCCUR WHEN MOVING BETWEEN STREAM REACHES.**
- 5. WHEN MUNICIPAL WATER IS USED, ALL EQUIPMENT THAT COMES IN CONTACT WITH THE WATER MUST BE DISINFECTED PRIOR TO THE START OF WORK AND WHEN SWITCHING FROM AN ON-SITE WATER SOURCE TO A MUNICIPAL WATER SOURCE. DISINFECTION PROCEDURES ARE OUTLINED IN ITEM C ABOVE. IT IS NOT NECESSARY TO DISINFECT EQUIPMENT BETWEEN DIFFERENT MUNICIPAL WATER SOURCES.**
- 6. DISINFECTING OPERATIONS ARE PROHIBITED ON LOCATIONS WHERE THE RUNOFF FROM DISINFECTING WOULD ENTER A STREAM OR WATERBODY.**
- 7. ALTERNATE DISINFECTION METHODS MAY BE AVAILABLE AND WILL REQUIRE PRIOR APPROVAL BY NYSDEC REGIONAL BUREAU OF FISHERIES AND THE ENGINEER-IN-CHARGE.**
- 8. THERE IS NO SEPARATE PAYMENT FOR DISINFECTING EQUIPMENT; THE COST WILL BE INCLUDED IN VARIOUS BID PRICES IN THE CONTRACT.**

NOTES FOR BRIDGES /IN THE NEW YORK CITY WATER SUPPLY WATERSHED

THE ENVIRONMENTAL FEATURES TABLES INDICATE WHICH BRIDGE LOCATIONS ARE WITHIN OR OUTSIDE THE NYCDEP WATERSHED.

THE FOLLOWING CONTACT INFORMATION PERTAINS TO ALL NOTES IN THIS SECTION:

CONTACT NUMBERS ARE:

EAST OF HUDSON:

(EMAIL IS PREFERRED)

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY, STORMWATER PROGRAM, EAST OF HUDSON
465 COLUMBUS AVENUE
VALHALLA, NY 10595**

**JEAN MARC ROCHE, JROCHE@DEP.NYC.GOV, (914) 749-5359
WITH COPY TO GAIL PIRANIO, GPIRANIO@DEP.NYC.GOV**

WEST OF HUDSON:

**8813.65 Bridge Washing
Environmental Notes**

(EMAIL IS PREFERRED)

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY, STORMWATER PROGRAM, WEST OF HUDSON
71 SMITH AVENUE
KINGSTON, NY 12401
JOSEPH DAMRATH, JDAMRATH@DEP.NYC.GOV, (845) 340-7234
WITH COPY TO DEB DEGRAW, DDEGRAW@DEP.NYC.GOV**

- 1. THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE HIGHWAY RIGHT-OF-WAY. THE CONTRACTOR WILL NOT DEPOSIT ANY DEBRIS ON NYCDEP OWNED LANDS.**
- 2. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER-IN-CHARGE (EIC) A DETAILED WORK SCHEDULE FOR EACH OF THE BRIDGES LOCATED IN THE WATERSHED. THE EIC SHALL SUBMIT THE SCHEDULE TO THE NYCDEP EAST AND/OR WEST OF HUDSON CONTACTS UNLESS OTHERWISE NOTED.**
- 3. THE EIC WILL NOTIFY THE NYCDEP CONTACTS AT LEAST ONE (1) WEEK PRIOR TO THE COMMENCEMENT OF WORK FOR EACH BRIDGE IN THE WATERSHED.**
- 4. FOR ANY WORK REQUIRING THE USE OF WATER, THE WATER SHALL BE FROM EITHER OF THE TWO FOLLOWING WATER SOURCES:
 A. ON-SITE WATER, WHICH IS DEFINED AS WATER TAKEN FROM BENEATH THE SUBJECT BRIDGE
 B. MUNICIPAL WATER
FOR WATER WITHDRAWN FROM ON-SITE SOURCES, THE CONTRACTOR MUST OBTAIN PRIOR APPROVAL FROM NYCDEP FOR THE PROPOSED WATER WITHDRAWAL METHOD.**
- 5. WHEN ON-SITE WATER IS USED, ALL EQUIPMENT THAT COMES IN CONTACT WITH THE WATER (INCLUDING, BUT NOT LIMITED TO, BOATS, PLATFORMS, WATER PUMPING EQUIPMENT, WATER STORAGE TANKS, AND TRAILERS AND TRUCKS THAT CARRY SUCH STORAGE TANKS) MUST BE DISINFECTED USING A HIGH TEMPERATURE PRESSURE WASHER (STEAM POWER WASHER) PRIOR TO THE START OF WORK AND PRIOR TO LEAVING THE BRIDGE SITE. THE EQUIPMENT MUST HAVE OPERATING SPECIFICATIONS AT A MINIMUM OF 160 DEGREES FAHRENHEIT, 700 PSI, 2 GALLONS PER MINUTE. ALL EQUIPMENT AND TANKS MUST BE COMPLETELY DEWATERED PRIOR TO DISINFECTION. ANY DEBRIS FOUND ON TRAILERS, ETC., MUST BE REMOVED BEFORE BEING DISINFECTED. THE ENTIRE SURFACE AREA (INTERIOR AND EXTERIOR) OF THE TANK AND EQUIPMENT, INCLUDING, BUT NOT LIMITED TO, ANY AREA THAT COMES IN CONTACT WITH WATER SHALL BE DISINFECTED BY DIRECT CONTACT WITH A HIGH TEMPERATURE PRESSURE WASHER. DISINFECTION BETWEEN SITES IS NOT REQUIRED WHEN TRAVELING FROM ONE BRIDGE TO ANOTHER IN A DOWNSTREAM DIRECTION IN THE SAME STREAM (EXCEPT FOR THE ESOPUS CREEK – SEE #6 ESOPUS CREEK NOTE). DISINFECTION IS REQUIRED WHEN SWITCHING FROM AN ON-SITE WATER SOURCE TO A MUNICIPAL WATER SOURCE.**
- 6. THE ESOPUS CREEK IS CONSIDERED TO BE COMPRISED OF THREE REACHES, WHICH SHALL BE CONSIDERED AS SEPARATE AND DISTINCT STREAMS: THE REACH ABOVE THE PORTAL (THE PORTAL CROSSES ROUTE 28 AT A POINT 0.2 MILES WEST OF THE INTERSECTION OF ROUTE 28 WITH BROADSTREET HOLLOW ROAD IN THE TOWN OF SHANDAKEN, ULSTER COUNTY); THE REACH FROM THE PORTAL TO THE ASHOKAN DAM; AND THE REACH FROM THE ASHOKAN RESERVOIR TO THE HUDSON RIVER.**

**8813.65 Bridge Washing
Environmental Notes**

DISINFECTION BETWEEN SITES IS NOT REQUIRED WHEN TRAVELING FROM ONE BRIDGE TO ANOTHER IN A DOWNSTREAM DIRECTION IN THE SAME REACH, BUT DISINFECTION MUST OCCUR WHEN MOVING BETWEEN STREAM REACHES.

- 7. WHEN MUNICIPAL WATER IS USED, ALL EQUIPMENT THAT COMES IN CONTACT WITH THE WATER MUST BE DISINFECTED PRIOR TO THE START OF WORK AND WHEN SWITCHING FROM AN ON-SITE WATER SOURCE TO A MUNICIPAL WATER SOURCE. DISINFECTION PROCEDURES ARE OUTLINED IN NOTE ABOVE. IT IS NOT NECESSARY TO DISINFECT EQUIPMENT BETWEEN DIFFERENT MUNICIPAL WATER SOURCES.**
- 8. DISINFECTING OPERATIONS ARE PROHIBITED ON LOCATIONS WHERE THE RUNOFF FROM DISINFECTING WOULD ENTER A STREAM OR WATERBODY (INCLUDING WETLANDS).**
- 9. THE FOLLOWING DISINFECTING OPTIONS CAN BE USED:**
 - a. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPERLY DISINFECTING THE EQUIPMENT USING THEIR OWN HIGH TEMPERATURE PRESSURE WASHER. DISINFECTING OPERATIONS MUST OCCUR WITHIN 75 MILES OF THE NYC WATERSHED, BUT NOT LOCATED ON NEW YORK CITY OWNED LAND. DISINFECTING OPERATIONS ARE PROHIBITED ON LOCATIONS WHERE THE RUNOFF FROM DISINFECTING WOULD ENTER A STREAM OR WATERBODY LOCATED WITHIN THE NEW YORK CITY WATERSHED.**
 - b. EQUIPMENT SHALL BE PROPERLY DISINFECTED BY A THIRD PARTY ENTITY THAT SPECIALIZES IN HIGH TEMPERATURE PRESSURE WASHING OPERATIONS. THE THIRD PARTY ENTITY MUST BE LOCATED WITHIN 75 MILES OF THE NYC WATERSHED.**

ALTERNATE DISINFECTION METHODS MAY BE AVAILABLE AND WILL REQUIRE PRIOR APPROVAL BY THE NYCDEP FISHERIES BIOLOGIST OR NYSDEC REGIONAL BUREAU OF FISHERIES AND THE ENGINEER-IN-CHARGE.

- 10. THERE IS NO SEPARATE PAYMENT FOR DISINFECTING EQUIPMENT; THE COST WILL BE INCLUDED IN VARIOUS BID PRICES IN THE CONTRACT.**
- 11. PRIOR TO PLACING ANY BOATS OR OTHER EQUIPMENT IN A WATERBODY THAT IS LOCATED IN THE NYC WATERSHED, THE EIC SHALL CONTACT THE NYCDEP LAND MANAGEMENT OFFICE NEAR THE RESERVOIR OF INTEREST 14 CALENDAR DAYS PRIOR TO PERFORMING DISINFECTING OPERATIONS TO ARRANGE FOR A NYCDEP REPRESENTATIVE TO BE PRESENT DURING DISINFECTING OPERATIONS. CONTACT NUMBERS ARE:**

ASHOKAN RESERVOIR: (845) 657-2663

RONDOUT RESERVOIR: (845) 985-0386

ALL EAST OF HUDSON RESERVOIRS: (914) 232-1309

ANY ITEM THAT IS DISINFECTED AND MOVED BEYOND THE SHORE OF THE WATERBODY SHALL BE DISINFECTED AGAIN PRIOR TO REUSE IN THE WATERBODY.

- 12. THE CONTRACTOR WILL IMPLEMENT THE PROCEDURES OUTLINED IN ENGINEERING INSTRUCTION (EI) 19-002 – MAINTENANCE CLEANING AND WASHING OF BRIDGES (AND ANY FUTURE REVISION) WHEN WASHING BRIDGES OVER WATERBODIES OR WETLANDS WITHIN THE WATERSHED.**

8813.65 Bridge Washing
Environmental Notes

NOTES FOR SEALING CONCRETE SURFACES OF BRIDGES OVER WATER BODIES

UTMOST CARE SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE WATERBODY BY THE SEALER. IF THE MANUFACTURER'S INSTRUCTIONS REQUIRE MIXING OF THE SEALER PRIOR TO APPLICATION, MIXING SHALL OCCUR AT A MINIMUM HORIZONTAL DISTANCE OF 80 FEET FROM THE EDGE OF THE WATER. THE CONTRACTOR SHALL HAVE AVAILABLE FOR IMMEDIATE USE MATERIALS SUCH AS SORBENTS OR BOOMS TO SOAK UP OR CONTAIN ANY ACCIDENTAL SPILLS. PRIOR TO THE APPLICATION OF THE SEALER, ANY OPENINGS IN THE SURFACE OF THE BRIDGE DECK OR IN THE WALKING SURFACE, SUCH AS SCUPPERS OR OPEN DRAINS SHALL BE COVERED TO PREVENT CONTAMINATION OF THE WATERBODY. CARE SHALL BE TAKEN TO PREVENT SPRAY FROM ENTERING THE WATERBODY BY EITHER SPRAYING OR ROLLING THE SEALER AT THE EDGES AND SIDEWALK AREAS OR BY PHYSICALLY ISOLATING THE AREA TO BE SPRAYED FROM THE WATERBODY BY THE USE OF TARPS OR OTHER BARRIER-TYPE MEANS TO THE SATISFACTION OF THE ENGINEER-IN-CHARGE.

BIRDS NESTING ON OR UNDER STRUCTURES AND PROTECTED BY THE MIGRATORY BIRD TREATY ACT

A VARIETY OF BIRD SPECIES NEST ON OR UNDER BRIDGES, CULVERTS, AND BUILDINGS (HEREAFTER REFERRED TO AS SIMPLY "STRUCTURES"). STATE AND FEDERAL LAWS PROTECT SOME OF THESE BIRD SPECIES (AND THEIR NESTS, EGGS AND YOUNG). UNDER THE MIGRATORY BIRD TREATY ACT (MBTA), IT IS UNLAWFUL TO INTENTIONALLY OR UNINTENTIONALLY TAKE, CAPTURE OR KILL ANY MIGRATORY BIRD UNLESS A MIGRATORY BIRD PERMIT IS FIRST OBTAINED FROM THE U.S. FISH AND WILDLIFE SERVICE. EACH VIOLATION OF THE MBTA CAN RESULT IN A FINE OF \$15,000, IMPRISONMENT FOR SIX MONTHS, OR BOTH.

MIGRATORY BIRD SPECIES THAT ARE PROTECTED UNDER THE MBTA INCLUDE ALL WATERFOWL, HERONS, EAGLES, HAWKS, FALCONS, OWLS AND SONGBIRDS (INCLUDING SWALLOWS, EASTERN PHOEBES AND AMERICAN ROBINS).

MIGRATORY BIRD SPECIES THAT ARE NOT PROTECTED UNDER THE MBTA ARE ROCK DOVES (DOMESTIC PIGEONS), ENGLISH SPARROWS, EUROPEAN STARLINGS AND MONK PARAKEETS. ALTHOUGH THESE SPECIES ARE NOT PROTECTED, THEY SHOULD BE TREATED IN A HUMANE MANNER. THE CONTRACTOR IS ENCOURAGED TO RELOCATE ACTIVE NESTS OF UNPROTECTED SPECIES INTO NEARBY TREES OR TO TRANSFER THE NESTS TO A WILDLIFE REHABILITATOR.

BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES, THE ENGINEER AND CONTRACTOR SHALL SURVEY THE STRUCTURE(S) FOR BIRD NESTS. IF THE ENGINEER AND CONTRACTOR OBSERVE BIRD NESTS ON OR UNDER THE STRUCTURE(S), THE FOLLOWING MUST BE DETERMINED FOR EACH NEST:

1. IS THE NEST ACTIVE (ADULT BIRDS, EGGS OR YOUNG BIRDS IN THE NEST).
2. IS THE NEST INHABITED BY A PROTECTED MIGRATORY BIRD SPECIES.

A NEST SHOULD BE CAREFULLY EXAMINED OR OBSERVED FOR SEVERAL CONSECUTIVE HOURS TO DETERMINE IF IT IS ACTIVE OR INACTIVE. AN ACTIVE NEST IS INDICATED BY ADULT BIRDS CONSTRUCTING THE NEST, BIRDS FLYING TO AND FROM THE NEST, SOUNDS OF YOUNG IN THE NEST, OR BIRD SPECIES MATCHING THE NEST-TYPE FLYING IN THE VICINITY OF THE NEST. IF NONE OF THESE ACTIVITIES ARE OBSERVED, THE NEST CAN BE ASSUMED TO BE INACTIVE AND IT CAN BE REMOVED AND STRUCTURE WORK CAN COMMENCE.

IF THE NEST IS DETERMINED TO BE ACTIVE, IT MUST BE CAREFULLY EXAMINED FOR THE PRESENCE OF YOUNG BIRDS AND EGGS. IF YOUNG BIRDS OR EGGS ARE ABSENT, THE NEST CAN BE REMOVED ANYTIME AN ADULT BIRD IS NOT PRESENT. WORK SHOULD COMMENCE AS QUICKLY AS POSSIBLE TO PREVENT BIRDS FROM BEGINNING A SECOND NEST BROOD AT THE SAME LOCATION.

IF YOUNG BIRDS OR EGGS ARE PRESENT IN THE NEST, IT CANNOT BE REMOVED, DAMAGED OR DISTURBED UNTIL THE YOUNG BIRDS HAVE FLEDGED (LEAVE THE NEST). AFTER THE YOUNG HAVE FLEDGED, THE NEST CAN BE REMOVED AND STRUCTURE WORK MAY COMMENCE. WORK SHOULD COMMENCE AS QUICKLY AS POSSIBLE TO PREVENT BIRDS FROM BEGINNING A SECOND NEST BROOD AT THE SAME LOCATION.

**8813.65 Bridge Washing
Environmental Notes**

LISTED BELOW ARE THE MOST COMMON MIGRATORY BIRDS THAT NEST ON OR UNDER STRUCTURES, AND DATES WHEN EGGS AND YOUNG BIRDS MAY BE IN THE NESTS:

BIRD SPECIES	EARLIEST AND LATEST DATES EGGS MAY BE PRESENT	EARLIEST AND LATEST DATES YOUNG MAY BE PRESENT
CLIFF SWALLOW	APRIL 19 – JULY 31	MAY 1 – AUGUST 23
BARN SWALLOW	APRIL 14 – AUGUST 10	APRIL 27 – SEPTEMBER 22
EASTERN PHOEBE	MARCH 25 – AUGUST 4	APRIL 22 – SEPTEMBER 6
AMERICAN ROBIN	MARCH 23 – SEPTEMBER 1	APRIL 12 – SEPTEMBER 25
MOURNING DOVE	MARCH 9 – SEPTEMBER 28	APRIL 6 – OCTOBER 26
PEREGRINE FALCON	MARCH 2 – JUNE 19	APRIL 19 – AUGUST 31
RED TAIL HAWK	FEBRUARY 25 – JULY 25	MARCH 31 – AUGUST 21

HAWKS, FALCONS AND EAGLES RETURN TO AND USE THE SAME NEST YEAR AFTER YEAR. IF THE NEST WILL NOT INTERFERE WITH THE PROPOSED STRUCTURE WORK, IT SHALL NOT BE REMOVED OR DAMAGED. HOWEVER, IF WORK WILL AFFECT THE NEST, IT CAN ONLY BE REMOVED AFTER CONSULTATION WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE UNITED STATES FISH AND WILDLIFE SERVICE.

IF THERE ARE ANY QUESTIONS REGARDING HOW TO PROCEED WITH NESTING MIGRATORY BIRDS, CONTACT THE EIC. NO NESTS OF PROTECTED MIGRATORY BIRDS SHALL BE REMOVED OR DISTURBED IN ANY WAY WITHOUT PERMISSION FROM THE EIC.

(DATA FROM 2000-2005 NEW YORK STATE BREEDING BIRD ATLAS, [*THE SECOND ATLAS OF BREEDING BIRDS IN NEW YORK STATE*, EDITED BY K.J. MCGOWAN AND K. CORWIN, DECEMBER 2008, CORNELL UNIVERSITY PRESS.])

REPORTING OF SPILLS, DISCHARGES AND/OR CONTAMINATED SOILS

CONSTRUCTION ACTIVITIES HAVE THE POTENTIAL TO RESULT IN A RELEASE/SPILL OF PETROLEUM OR OTHER CHEMICALS. IN ADDITION, INDICATORS OF PREVIOUSLY CONTAMINATED MATERIAL MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES.

THE CONTRACTOR MUST REPORT ALL PETROLEUM AND CHEMICAL SPILLS TO THE NYS DEC SPILL HOTLINE (1-800-457-7362) WITHIN 2 HOURS OF DISCOVERY, EXCEPT SPILLS WHICH MEET ALL THE FOLLOWING CRITERIA:

- 1. THE QUANTITY IS KNOWN TO BE LESS THAN 5 GALLONS; AND**
- 2. THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER; AND**
- 3. THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND**
- 4. THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY.**

A SPILL IS CONSIDERED TO HAVE NOT IMPACTED LAND IF IT OCCURS ON A PAVED SURFACE SUCH AS ASPHALT OR CONCRETE. A SPILL IN A DIRT OR GRAVEL PARKING LOT IS CONSIDERED TO HAVE IMPACTED LAND AND IS REPORTABLE.

ALL SPILLS THAT REQUIRE REPORTING TO DEC MUST ALSO BE REPORTED TO THE ENGINEER-IN-CHARGE AS SOON AS POSSIBLE.

IN ADDITION, IF ANY CONTAMINATED MATERIAL INDICATORS, SUCH AS NOXIOUS ODORS

8813.65 Bridge Washing Environmental Notes

EMANATING FROM THE SOIL OR WATER, OR DISCOLORED SOIL OR WATER, ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP OPERATIONS IMMEDIATELY AND NOTIFY THE ENGINEER-IN-CHARGE, WHO WILL COORDINATE WITH THE CONSTRUCTION ENVIRONMENTAL COORDINATOR TO DETERMINE NEXT STEPS.

BRIDGES WITH ASBESTOS PAINT COATINGS

ASBESTOS-CONTAINING STRUCTURAL STEEL PAINT (DUM-DUM) IS PRESENT ON THE FOLLOWING BRIDGES THAT ARE INCLUDED IN THIS CONTRACT:

BIN	CARRIED	CROSSED	COUNTY
1007362	RT 209	RT 9W	ULSTER
1040710	RT 209	HOMOWACK KILL	ULSTER
1050030	981K	ESOPUS CREEK	ULSTER

THE CONTRACTOR IS PERMITTED TO WASH THE ABOVE BRIDGES AS LONG AS THE PAINT RATING IS 4 OR GREATER. AS STATED IN ENGINEERING INSTRUCTION (EI) 19-002, BRIDGES WITH FLAKING PAINT (PAINT RATING OF 3 OR LESS) SHOULD NOT BE WASHED.

BRIDGE/BAT SURVEY

THE BRIDGE SHALL BE INSPECTED FOR EVIDENCE OF ROOSTING BATS PRIOR TO COMMENCING ANY WORK. THE INSPECTION SHALL BE COMPLETED BETWEEN APRIL 1ST AND SEPTEMBER 30TH WITHIN TWO (2) YEARS OF THE START OF WORK ON THE UNDERSIDE OF THE BRIDGE. THE BRIDGE/BAT SURVEY CAN BE CONDUCTED BY AN INDIVIDUAL FROM THE GROUND BELOW THE BRIDGE WITH THE USE OF BINOCULARS. INDICATORS INCLUDE SIGHTINGS, DROPPINGS, STAINING, OR SOUND. ADDITIONAL GUIDANCE IS AVAILABLE IN THE FOLLOWING DOCUMENT:

[HTTPS://WWW.FWS.GOV/MIDWEST/ENDANGERED/SECTION7/FHWA/PDF/APPDBRIDGESTRUC
TUEASSESSMENTGUIDANCEAPRIL2020.PDF](https://www.fws.gov/midwest/endangered/section7/fhwa/pdf/appdbridgestructueassessmentguidanceapril2020.pdf). IF BATS ARE FOUND, PHOTOS SHALL BE TAKEN IN ORDER TO ATTEMPT TO IDENTIFY THE SPECIES.

THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) BRIDGE/STRUCTURE BAT ASSESSMENT FORM, INCLUDED AS SUPPLEMENTAL INFORMATION, MUST BE COMPLETED IN ITS ENTIRETY, AND SUBMITTED TO THE EIC, WHO WILL FORWARD TO THE CEC FOR REVIEW, SUBMITTAL TO FHWA, AND APPROVAL. WORK SHALL NOT COMMENCE PRIOR TO CEC APPROVAL.

THERE IS NO SEPARATE PAYMENT FOR CONDUCTING THESE SURVEYS.