



*[Signature]*  
 CHIEF ENVIRONMENTAL ENGINEER

**ENVIRONMENTAL NOTES:**

1. GLAZING ON WINDOWS, CAULKING ON WINDOW FRAMES, AND RESIDUAL CAULKING ON BUILDING STRUCTURE CONTAIN ASBESTOS AND POLYCHLORINATED BIPHENYLS (PCB). SEE APPENDIX "B" OF THE PORT AUTHORITY STANDARD SPECIFICATION SECTION 02081 "ASBESTOS REMOVAL AND DISPOSAL FOR PORT AUTHORITY OF NEW AND NEW JERSEY" FOR ANALYTICAL RESULTS. FOR FLOOR PLANS, ELEVATION AND DETAILS OF CURTAIN WALL, SEE ARCHITECTURAL DRAWINGS A003 THRU A008. REMOVAL OF ASBESTOS/PCB CAULKING SHALL BE PERFORMED IN ACCORDANCE WITH THE PA SPECIFICATION SECTION 02081 AND NEW YORK STATE INDUSTRIAL CODE RULE (NYS ICR) 56-11.6.
2. PRIOR TO COMMENCING ASBESTOS/PCB CAULKING REMOVAL, THE EDGES OF THE TEMPORARY PARTITION SPECIFIED ON DRAWING 0005 SHALL BE SEALED AT THE FLOOR, CEILING, WALLS AND FIXTURES USING FIRE RETARDANT EXPANDABLE FOAM OR DUCT TAPE TO FORM AN AIR TIGHT SEAL. THE SEAMS OF THE TEMPORARY PARTITION SHEATHING SHALL ALSO BE SEALED AIRTIGHT. INTERIOR SURFACES BETWEEN TEMPORARY PARTITION AND EXISTING WINDOWS SHALL BE COVERED WITH 2 LAYERS OF SIX MIL POLYETHYLENE SHEETING PRIOR TO INSTALLATION OF TCP.
3. SUBMIT HEALTH AND SAFETY PLAN (HASP) FOR WORK. HASP SHALL BEAR THE SIGNATURE AND APPROVAL OF A CERTIFIED INDUSTRIAL HYGIENIST (CIH).
4. FURNISH AND INSTAL A REMOTE DECONTAMINATION ENCLOSURE SYSTEM. THE ENCLOSURE SHALL BE LOCATED ON THE ROOF OF THE MAINTENANCE BUILDING. PERSONAL AND WASTE DECONTAMINATION ENCLOSURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH ICR 56-7.5 FOR LARGE ASBESTOS PROJECT.
5. SCAFFOLDING SHALL BE UTILIZED TO ACCESS CAULKING. REFER TO 'SCAFFOLDING NOTES' ON DRAWING 0005. SCAFFOLDING SHALL BE PLASTICIZED WITH TWO (2) LAYERS OF SIX (6) MIL FIRE RETARDANT POLYETHYLENE SHEETING ON THE PLATFORM, WITH PLASTIC SHEETING EXTENDED TO WAST-HIGH. PROVIDE TRACTION SURFACES ON THE SCAFFOLDING WALKING PLATFORM TO ASSURE SAFETY OF THE ABATEMENT WORKER WHILE WORKING.
6. ALL PAINT ON STRUCTURAL STEEL CONTAINS LEAD. IF REMOVAL OF ANY PAINT IS REQUIRED, PERFORM PAINT REMOVAL IN ACCORDANCE WITH THE PORT AUTHORITY "C" SPECIFICATION SECTION 02084 OF DIVISION 2 "WORKER AND ENVIRONMENTAL PROTECTION FOR LEAD-BASED PAINT REMOVAL".
7. GLASS PANELS SHALL BE REMOVED WITHOUT BREAKING. SEE DRAWING A006 THRU A008 FOR REMOVING PANEL FROM FRAMING SUPPORT. GLASS PANELS SHALL BE WRAPPED WITH 2 LAYERS OF 6 MIL FIRE RETARDANT POLYETHYLENE SHEETING AND SEALED CLOSED WITH DUCT TAPE. THE WRAPPED PANELS SHALL BE PLACED IN FIBER BOXES OR DRUMS RATED TO SUPPORT WEIGHT OF INCLUDED CONTENTS. WASTE DISPOSAL PACKAGE SHALL CONFORM TO REQUIREMENTS OF APPROVED DISPOSAL FACILITY. IF SUCH REQUIREMENTS ARE DIFFERENT THAN STATED HEREIN, ALTERNATE DISPOSAL PACKAGING REQUIREMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
8. METAL FRAMING AND ITS ASSOCIATED SUPPORT CONTAINING CAULKING SHALL BE DISASSEMBLED IN ACCORDANCE WITH ICR 56-11.6. IF METAL FRAME REQUIRES TO BE CUT, IT SHALL BE DONE IN A MANNER THAT WILL NOT RENDER THE CAULKING FRAGILE.
9. METAL FRAMING AND ITS ASSOCIATED SUPPORT WITH CAULKING SHALL BE WRAPPED IN TWO LAYERS OF SIX MIL POLYETHYLENE PLASTIC SHEETING AND SEALED WITH DUCT TAPE. THE WRAPPED FRAMES AND ITS SUPPORT SHALL BE PLACED IN FIBER BOX/DRUMS THAT IS RATED TO SUPPORT WEIGHT OF INCLUDED CONTENTS. WASTE DISPOSAL PACKAGE SHALL CONFORM TO REQUIREMENTS OF APPROVED DISPOSAL FACILITY. IF SUCH REQUIREMENTS ARE DIFFERENT THEN STATED HEREIN, ALTERNATE DISPOSAL PACKAGING REQUIREMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
10. RESIDUAL CAULKING FROM PERIMETER FRAMING SYSTEM ON BUILDING STRUCTURE SHALL BE REMOVED IN ACCORDANCE WITH ICR 56-11.6(C).

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT			
GOETHALS BRIDGE			

**ENVIRONMENTAL**

Title  
 GOETHALS BRIDGE  
 REHABILITATION OF ADMINISTRATION  
 BUILDING CURTAIN WALL

**ENVIRONMENTAL NOTES**

This drawing is subject to conditions in contract. All dimensions, sizes, design and methods herein are assumed to be in accordance with the contract documents and shall be used without further comment. All notations of Contract documents, including addenda and those also do not bid and their respective subcontractors and suppliers who may receive all or a part of the contract documents or copies thereof, shall make every effort to secure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or incineration with refuse handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal purposes to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York NY 10017.

Designed by **S.THORE** Drawn by **J.JAKOB** Checked by **R.PRUNO**

Date **7/14/2010**

Contract Number **AKG-274.034**

Drawing Number **N001**

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