DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 46196

CONSTRUCTION WORK
REHABILITATE FLOODWALLS
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

November 10, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. SECTION 003126 EXISTING HAZARDOUS MATERIAL INFORMATION: Discard the Section bound in the Project Manual and substitute with the accompanying Section (page 003126-1) noted "Addendum No. 1."

SPECIFICATIONS

2. SECTION 030130 MAINTENANCE OF CAST-IN-PLACE CONCRETE: Article 2.5: Delete this Article in its entirety.

3. SECTION 030130 MAINTENANCE OF CAST-IN-PLACE CONCRETE: Paragraph 2.9 A. 2.: Revise paragraph to read:

   "2. Manufacturer: International; Intercrete 4820."

4. SECTION 312500 EROSION AND SEDIMENTATION CONTROLS: Paragraph 1.7 B. 4.: Revise Paragraph to read:

   "4. Silt fence/Compost Filter Sock"

5. SECTION 312500 EROSION AND SEDIMENTATION CONTROLS: Add the following Paragraph:

"2.2 SOIL EROSION AND SEDIMENT CONTROL MATERIALS

A. Compost Filter Sock:
1. Filtrexx Siltsoxx® ORIGINAL Compost Filter Sock
2. Diameter of sock shall be as shown on the Drawings, described in this Specification Section, and as required by the Director's Representative."

6. SECTION 323113 CHAIN LINK FENCES AND GATES: Discard the Section bound in the Project Manual and substitute with the accompanying Section (pages 323113-1 thru 323113-7) noted "Addendum No. 1."

DRAWINGS

7. Revised Drawings:
   a. Drawing Nos. G-002, G-003, C-011, C-013, D-004, D-005, noted REVISED FOR ADDENDUM 1, dated October 2026, accompanies this Addendum and supersedes the same numbered previously issued drawings.

8. Addendum Drawings:
   a. Drawing No. D-006, noted "PREPARED FOR ADDENDUM 1 – October 2026" accompanies this Addendum and forms part of the Contract Documents.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

DOCUMENT 003126

EXISTING HAZARDOUS MATERIAL INFORMATION

1.01 ASBESTOS SURVEY REPORT

Samples listed in the report were collected at the Project Site and tested for Asbestos Containing Materials (ACM). The report was compiled for New York State Office of General Services, Design and Construction Group by an ELAP certified laboratory. In order to determine the Asbestos content, samples were analyzed by polarized light microscopy (PLM) and/or transmission electron microscopy (TEM). The report is intended for the State design and estimate purposes only, and is included to provide bidders with that same information available to the State. The Bulk Samples are representative of Homogeneous Area (HA) and is defined as a suspect material of similar age, appearance, function and texture. All field information was organized in accordance with 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA). See the EMSL Asbestos, Lead, and PCB Analytical Testing Results report included in the Appendix for type, condition, location and approximate quantity of ACM.

1.02 LEAD SURVEY REPORT

Samples listed in the report were collected at the Project Site and tested for Lead content. The report was compiled for New York State Office of General Services, Design and Construction Group by an ELAP certified laboratory. In order to determine the lead content the Atomic Absorption method or a XRF Analyzer was used. This report is intended for State design and estimate purposes only, and is included to provide bidders with the same information available to the State. The samples are representative of like materials in the Work area. All lead containing materials may not have been sampled. See the EMSL Asbestos, Lead, and PCB Analytical Testing Results report included in the Appendix for details.

1.03 PCB SAMPLING REPORT

Samples listed in the report were collected at the Project Site and tested for PCBs. The report was compiled for New York State Office of General Services, Design and Construction Group by an ELAP certified laboratory. Bulk, wipe or air sampling was used in determining the PCB content. This report is intended for State design and estimate purposes only, and is included to provide bidders with the same information available to the State. All PCB containing materials may not have been sampled. See the EMSL Asbestos, Lead and PCB Analytical Testing Results report included in the Appendix for details.

END OF DOCUMENT

SECTION 323113 - CHAIN LINK FENCES AND GATES

PART 1 - GENERAL

1.1 UNIT PRICE WORK

A. Payment for the Work listed in the Unit Price Schedule will be made at the unit price indicated, multiplied by the units of completed Work.

B. The unit prices listed below shall include all Work specified in the Division 1 General Requirements Sections.

C. Definitions for unit price items as listed in the Unit Price Schedule in Document 004143:

1. Item No. 323113.01 – Chain Link Fence – T-Wall: Payment for this Work will be made at the Contract unit price per linear foot. The unit price includes the Work required to remove and dispose of the existing chain link fence and provide and install chain link fence and accessories on the concrete T-Wall in accordance with the Contract Drawings and Specifications.
2. Item No. 323113.02 – Chain Link Fence Barricade – Gravity Wall: Payment for this Work will be made at the Contract unit price per each. The unit price includes the Work required to remove existing chain link barricades, and provide and install gravity wall barricade fence, gates, and accessories in accordance with the Contract Drawings and Specifications.

1.2 SUMMARY

A. Section Includes:

1. Chain-link fences.
2. Manually operated swing gates.
3. Privacy Slats

1.3 REFERENCES

A. Comply with ASTM A53 for requirements of Schedule 40 piping.

1.4 DEFINITIONS

A. Height of Fence: Distance measured from the top of concrete footing to the top of fabric.

1.5 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer's installation instructions shall be provided along with product data.

C. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).

D. Waiver of Submittals: The "Waiver of Certain Submittal Requirements" in Section 013300 does not apply to this Section.

E. Shop Drawings: Complete detailed drawings for each height and style of fence and gate required. Include separate schedule for each listing all materials required and technical data such as size, weight, and finish, to ensure conformance to specifications.

F. Product Data: Manufacturer's catalog cuts, specifications, and installation instructions for each item specified.

G. Submit an Environmental Product Declaration (EPD) from the manufacturer for steel framework and steel fabric within this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.

1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

H. Samples:

1. Fence Fabric: Minimum one square foot.
2. Fence and Gate Posts: Two each, one foot long, if requested.
3. Miscellaneous Materials and Accessories: One each, if requested.

1.6 QUALITY ASSURANCE

A. Comply with standards of the Chain Link Fence Manufacturer's Institute.

B. Provide steel fence and related gates as a complete compatible system including necessary erection accessories, fittings, and fastenings.

C. Posts and rails shall be continuous without splices.

D. Prior to installing chain link fence on the Cayuga Creek floodwall, coordinate the tie-in to existing chain link fence on Union Road bridge wing wall with Director's Representative

1.7 DELIVERY

A. Coordinate delivery of anchors and other accessories to be built into other Work, to avoid delay. Furnish instructions and templates as required for accurate location.

1.8 FIELD CONDITIONS

A. Field Measurements: Verify layout information for chain-link fences and gates shown on Drawings in relation to property survey and existing structures. Verify dimensions by field measurements.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Class B Steel Tubing (Option):

1. SS-40 Fence Pipe by Allied Tube & Conduit Corp., 16100 S. Lathrop Ave., Harvey, IL, 60426, (800) 882-5543.
2. AP-40 Fence Framework by American Tube and Pipe Co., Inc., 2525 N. 27th Ave., Phoenix, AZ 85009, (800) 669-8823.

2.2 STEEL FRAMEWORK (FOR FENCES UP TO 6'-0" HIGH)

A. End Posts, Corner Posts and Pull Posts:

1. Pipe: 2.375 inches OD, 3.65 pounds per linear foot (Schedule 40).
2. Square Tubing: 2 inches OD, 3.60 pounds per linear foot.
3. Class B Steel Tubing: 2.375 inches OD, 3.11 pounds per linear foot.
4. Roll Formed C-Section: ASTM A 570 Grade 45, 3.5 inches by 3.5 inch by 0.128-inch thick, with minimum bending strength of 486 pounds under a 6 foot cantilever load.

B. Line Posts:

1. Pipe: 1.90 inches OD, 2.72 pounds per linear foot (Schedule 40).
2. Class B Steel Tubing: 1.90 inches OD, 2.28 pounds per linear foot.
3. H-Section: 1.875 inches x 1.625 inches x 0.113 inch, 2.70 pounds per linear foot.
4. Roll Formed C-Section: ASTM A 570 Grade 45, 1.875 inches by 1.625 inches by 0.121-inch thick with minimum bending strength of 247 pounds under a 6-foot cantilever load.

2.3 STEEL FABRIC

A. One-piece widths for fence heights up to 12'-0".

B. Chain link, 2-inch mesh, No. 9 gauge.

C. Selvages: Top edge and bottom edge knuckled.

2.4 SWING GATE POSTS

A. Single width of gate up to 6'-0" wide and less than 10'-0" high:

1. Pipe: 2.875 inches OD, 5.79 pounds per linear foot (Schedule 40).
2. Square Tubing: 2.50 inches OD, 5.70 pounds per linear foot.
3. Class B Steel Tubing: 2.875 inches OD, 4.64 pounds per linear foot.
4. Roll Formed C-Section: ASTM A 570 Grade 45, 3.5 inches 3.5 inches by 0.128-inch thick, with minimum bending strength of 486 pounds under a 6-foot cantilever load.

2.5 SWING GATE FRAMES

A. Up to 6'-0" high, and leaf width 8'-0" or less.

1. Pipe: 1.660 inches OD, 2.27 pounds per linear foot (Schedule 40).
2. Square Tubing: 1.50 inches OD, 1.90 pounds per linear foot.
3. Class B Steel Tubing: 1.660 inches OD, 1.84 pounds per linear foot.

B. Assemble gate frames by welding or with special steel fittings and rivets for rigid connections. Install mid-height horizontal rails on gates over 10 feet high. When width of gate leaf exceeds 10 feet, install mid-distance vertical bracing of the same size and weight as frame members. When either horizontal or vertical bracing is not required, provide truss rods as cross bracing to prevent sag or twist.

2.6 SWING GATE HARDWARE

A. Hinges: Non-lift-off type, offset to permit 180-degree swing, and of suitable size and weight to support gate. Provide 1-1/2 pair of hinges for each leaf over 6 feet high.

B. Latch: Forked type for single gates 10 feet wide or less. Drop bar type with keeper for double gates and single gates over 10 feet wide complete with flush plate set in concrete. Drop bar length shall be 2/3 the height of the gate. Padlock eye shall be an integral part of latch construction.

2.7 MISCELLANEOUS MATERIALS AND ACCESSORIES

A. Rails and Post Braces:

1. Pipe: 1.660 inches OD, 2.27 pounds per linear foot (Schedule 40).
2. Class B Steel Tubing: 1.660 inches OD, 1.84 pounds per linear foot.
3. Roll formed C-Section: 1.625 inches by 1.25 inches by 0.0747-inch thick with minimum bending strength of 192 pounds on a 10-foot span.

B. Fittings and Post Tops: Steel, wrought iron, or malleable iron.

1. Fasteners: Tamper-resistant cadmium plated steel screws.

C. Stretcher Bars: One piece equal to full height of fabric, minimum cross-section 3/16 inch by 3/4 inch.

D. Metal Bands (for securing stretcher bars): Steel, wrought iron, or malleable iron.

E. Wire Ties: Conform to American Steel Wire gauges.

1. For tying fabric to line posts, rails and braces: 9 gauge (.1483 inch) steel wire.

F. Truss Rods: 3/8-inch diameter.

G. Concrete: Portland Cement concrete having a minimum compressive strength of 4,000 psi at 28 days.

H. Spiral Paper Tubes:

1. Sonotube by Sonoco Products Co., North Second St., Hartsville, SC 29550, (800) 377-2692.
2. Quik-Tube by Quikrete Companies, 5 Concourse Parkway, Suite 1900, Atlanta, GA 30328, (800) 282-5828.
3. Approved equivalent.

I. Cold Galvanizing Compound: Single component compound giving 93 percent pure zinc in the dried film, and meeting the requirements of DOD-P-21035A (NAVY).

J. Expansion Anchors: ¾ inch diameter with a minimum 4-3/4" embedment depth, Stainless Steel KWIK Bolt 3 (KB3) by Hilti, Inc. www.us.hilti.com ; 1-800-879-8000.

K. Aluminum Privacy Slats:

1. Size: 1-7/8 inches wide and 1-3/4 inches wide by .009 inch to .0105 inch thick.
2. Aluminum Alloy: 5052 H19 or 6011 T81.
3. Finish: Baked enamel, color as indicated or directed.

L. Bent Plate Saddle Brackets:

1. Fabricated from structural steel plate conforming to ASTM A36.
2. Plate thickness shall be a minimum of 1/2-inch. Base dimensions and flange depth shall be sized to fit snugly over the top of the concrete T-wall. Fabricate with 4 total 13/16" holes on saddle flange.

M. Sleeve:

1. Material: 2-1/2-inch nominal Schedule 40 steel pipe conforming to ASTM A53, Grade B.
2. Inside Diameter (ID): Approximately 2.469 inches to receive the 2-inch nominal Schedule 40 railing post (2.375-inch OD).
3. Minimum Sleeve Height: 6 inches (or as required to meet lateral load constraints).
4. The sleeve shall be pre-drilled with two (2) 13/16-inch diameter holes aligned concentrically through both walls. Hole sizing is specified to accommodate a standard 3/4-inch diameter hex bolt.

2.8 BARBED WIRE

A. Two strand 12-1/2-gauge steel wire, with 14 gauge 4-point steel barbs spaced 5 inches o.c.

B. Extension Arms: Pressed steel, wrought iron, or malleable iron, complete with provision for anchorage to posts (including light posts) and attaching 3 rows of barbed wire to each arm.

1. Type: Single vertical arm; one for each post.

2.9 FINISHES

A. Steel Framework:

1. Polyvinyl Chloride (PVC): Black plastic finish, fusion bonded to galvanized metal, minimum thickness 10 mils.

B. Fabric; one of the following:

1. Polyvinyl Chloride (PVC) Finish: Black plastic, fusion bonded to galvanized wire, breaking strength, 1290 pounds, minimum thickness 7 mils.

C. Fence and Gate Hardware, Miscellaneous Materials, Accessories:

1. PVC coated, per manufacturer's standards.

D. Barbed Wire and Tension Wire; one of the following:

1. PVC Coated, per manufacturer's standards.

PART 3 - EXECUTION

3.1 PREPARATION

A. Do not begin installation of fence until wall coating has been completed and approved by the Director's representative.

3.2 INSTALLATION

A. Space posts equidistant in the fence line with a maximum of 10 feet on center.

B. Chain link fence installed along the length of the T-wall shall be attached using side mount saddle sleeve brackets or top mount bent saddle plate brackets, as indicated on the Contract Drawings. The side mount saddle sleeve brackets shall be attached to the land side face of the wall using stainless steel expansion anchors. The top mount bent saddle plate brackets shall be attached to the land side and creek side faces of the wall using stainless steel expansion anchors. Fence posts will not be cored into the T-wall.

C. Chain link barricade fence shall be installed on the gravity wall using mounting brackets and surface mount flanges. The mounting brackets and surface mount flanges shall be attached to the gravity wall using stainless steel expansion anchors. Fence posts will not be cored into the gravity wall.

D. Install top rail continuously through post tops or extension arms, bending to radius for curved runs. Install expansion couplings as recommended by fencing manufacturers.

E. Install bottom and intermediate rails in one piece between posts and flush with post on fabric side using special offset fittings where necessary.

F. Diagonally brace corner posts, pull posts, end posts, and gate posts to adjacent line posts with truss rods and turnbuckles.

G. Attach fabric to security side of fence. Maintain a 2-inch clearance above finished grade except when indicated otherwise. Thread stretcher bars through fabric using one bar for each gate and end post and 2 for each corner and pull post. Pull fabric tight so that the maximum deflection of fabric is 2 inches when a 30-pound pull is exerted perpendicular to the center of a panel. Maintain tension by securing stretcher bars to posts with metal bands spaced 15 inches oc. Fasten fabric to steel framework with wire ties spaced 12 inches of for line posts and 24 inches oc for rails and braces. Bend back wire ends to prevent injury. Tighten stretcher bar bands, wire ties, and other fasteners securely.

H. Position bolts for securing metal bands and hardware so nuts are located opposite the fabric side of fence. Tighten nuts and cut off excess threads so no more than 1/8 inch is exposed. Peen ends to prevent loosening or removal of nuts.

1. Secure post tops and extension arms with tamper-resistant screws.

I. Install gates plumb and level and adjust for full opening without interference. Install ground-set items in concrete for anchorage, as recommended by fence manufacturer. Adjust hardware for smooth operation and lubricate where necessary.

J. Aluminum Slats: Install where indicated aluminum slats in every diagonal run of links in both directions for the full height of the fence. Crimp and staple with monel staples at the top and bottom of fabric. Overlap and staple spliced slats.

K. Anchor the saddle bracket securely to the sides of the concrete T-wall utilizing mechanical anchors as indicated on the Contract Drawings.

L. Insert the 2-inch fence post into the 2-1/2-inch sleeve, align the matching field-drilled holes in the fence post, and secure with a 3/4-inch structural bolt.

M. Wire brush and repair welded and abraded areas of galvanized surfaces with one coat of cold galvanizing compound.

END OF SECTION 323113

GENERAL NOTES:

1. ALL LOCATIONS, INCLUDING PROPERTY LINES, ARE APPROXIMATE, REFLECT AVAILABLE INFORMATION, ARE PROVIDED FOR REFERENCE ONLY, AND ARE SUBJECT TO FIELD VERIFICATION. RIGHTS-OF-WAY ARE NOT SHOWN. CAD FILES WITH SURVEY AND STATIONING ARE AVAILABLE UPON REQUEST.
2. PROMPTLY NOTIFY THE DIRECTOR'S REPRESENTATIVE, UPON DISCOVERY, AND BEFORE CONDITIONS ARE FURTHER DISTURBED, OF PHYSICAL CONDITIONS AT THE SITE WHICH DIFFER MATERIALLY FROM THOSE INDICATED ON THE CONSTRUCTION DOCUMENTS AND REFERENCE DOCUMENTS.
3. PROMPTLY GIVE WRITTEN AND ORAL NOTICE TO THE DIRECTOR'S REPRESENTATIVE OF DELAYS IN PROJECT SCHEDULE DUE TO EQUIPMENT MALFUNCTION, WEATHER, OR GENERAL FAILURE TO MEET PRODUCTION STANDARDS.
4. COMPLY WITH OSHA AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS GOVERNING WORKER HEALTH AND SAFETY. THE DIRECTOR'S REPRESENTATIVE IS NOT RESPONSIBLE FOR ENSURING CONSTRUCTION CONTRACTOR COMPLIANCE OR IDENTIFICATION OF HAZARDS ON SITE. INCLUDE IN THE CONTRACT BID PRICE, COSTS ASSOCIATED WITH THE CONTRACTOR'S HEALTH AND SAFETY COMPLIANCE, INCLUDING BUT NOT LIMITED TO THE REQUIREMENTS OF THIS NOTE.
5. COMPLY WITH ALL REQUIREMENTS OF ANY ISSUED PERMITS AND ANY APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.
6. THIS CONTRACT HAS UNIT PRICE ITEMS THAT ARE IDENTIFIED IN THE TABLE BELOW. THE QUANTITIES IN THE TABLE BELOW, AND THE LOCATION AND EXTENT OF THE WORK SHOWN ON THESE DRAWINGS, IS APPROXIMATE AND PROVIDED FOR BIDDING PURPOSES ONLY. THE ACTUAL EXTENT AND SCOPE OF THE WORK TO BE PERFORMED AND PAID FOR UNDER THIS CONTRACT SHALL BE DETERMINED IN THE FIELD WITH THE DIRECTOR'S REPRESENTATIVE.
7. A STRUCTURAL INSPECTION OF THE T-WALL AND GRAVITY WALL WAS PERFORMED ON OCTOBER 13, 2021 TO IDENTIFY STRUCTURAL ELEMENTS REQUIRING REPAIR. AS-BUILT DRAWINGS ARE INCLUDED AS AN APPENDIX TO THE PROJECT MANUAL.
8. ALL WALL AND JOINT REPAIRS MUST BE COMPLETED BEFORE THE HIGH-PERFORMANCE PROTECTIVE COATING IS APPLIED.
9. THE CREEK SIDE OF FLOODWALL IS INACCESSIBLE DURING PERIODS OF HIGH WATER. PLAN SEQUENCE OF WORK TO ACCOUNT FOR PERIODS WHERE CREEK SIDE OF FLOODWALL IS INACCESSIBLE.
10. THE T-WALL IS LOCATED ADJACENT TO A BANQUET FACILITY THAT HOSTS BANQUETS ON FRIDAYS, SATURDAYS AND POTENTIALLY OTHER DAYS OF THE WEEK. SCHEDULE THE CONSTRUCTION WORK TO MINIMIZE ACTIVITIES AND NOISE DURING BANQUETS TO THE EXTENT POSSIBLE.

SITE PREPARATION:

1. ACCESS TO THE WORK AREAS IS THROUGH AN ACCESS EASEMENT SHOWN ON DRAWING G-003.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ABOVE AND UNDERGROUND UTILITIES DURING CONSTRUCTION. THE LOCATION OF ALL ABOVE AND UNDERGROUND UTILITIES MUST BE VERIFIED IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION. CONTACT "UDIG NY" (1-800-962-7962) AND ALL APPLICABLE UTILITY COMPANIES FOR LOCATION OF UNDERGROUND UTILITIES. COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES FOR THE TEMPORARY REMOVAL, RELOCATION, AND REPLACEMENT OF ANY UTILITY POLES, GUY WIRES, UNDERGROUND UTILITIES, AND/OR OVERHEAD WIRES THAT FALL WITHIN THE LIMITS OF CONSTRUCTION, OR THAT MAY INTERFERE WITH THE WORK, IN ACCORDANCE WITH TECHNICAL SPECIFICATION 023313 UNDERGROUND UTILITY LOCATOR SERVICE.
3. OBTAIN APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE PRIOR TO THE DISTURBANCE OF ANY PLANTINGS OR MATERIALS ON PRIVATE PROPERTY. AT THE COMPLETION OF CONSTRUCTION REPLACE ANY ITEMS SO DISTURBED AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.

RESTORATION AND DEMOBILIZATION:

1. RESTORE TO PRE-CONSTRUCTION CONDITIONS ALL SUPPORT AREAS THAT ARE IMPACTED BY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO, EQUIPMENT AND MATERIALS STORAGE AREAS, MATERIAL LOADING AND STAGING AREAS, PARKING AREAS, AND LOCATIONS OF OFFICE TRAILERS, EXCEPT AS NOTED OTHERWISE.
2. UPON COMPLETION OF CONSTRUCTION, LEAVE WORK AREA IN A CLEAN, NEAT, AND ORDERLY CONDITION.
3. DEMOBILIZATION OF ALL MATERIALS, EQUIPMENT, AND PERSONNEL UTILIZED AND BROUGHT TO THE SITE DURING MOBILIZATION AND CONSTRUCTION ACTIVITIES SHALL OCCUR ONCE THE PROJECT IS COMPLETED AND ACCEPTED BY THE DIRECTOR'S REPRESENTATIVE. ALL TEMPORARY FACILITIES SHALL BE REMOVED.
4. ALL COSTS AND RESPONSIBILITY FOR REPAIRS TO ANY ON-SITE AND/OR OFF-SITE FEATURES (UTILITIES, SIDEWALKS, ROADS, ETC.) AND/OR SURFACES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

ESTIMATED QUANTITIES OF WORK ELEMENTS

SPECIFICATION	TITLE	UNIT	QUANTITY
028303	ABATEMENT OF LEAD CONTAINING MATERIALS	SF	3,173
030130	CRACK REPAIRS BY EPOXY INJECTION	LF	300
030130	STEEL CONCRETE REINFORCEMENT	LBS	300
030130	CONCRETE REPAIR AND REHABILITATION	CF	363
030130	BUG HOLE AND HAIRLINE CRACK REPAIR	SF	8280
079200	JOINT SEALANT REPLACEMENT CONTRACTION JOINTS	LF	316
079200	JOINT SEALANT REPLACEMENT EXPANSION JOINTS	LF	410
099600	HIGH PERFORMANCE COATINGS	SF	41,400 (10,350/COAT)
323113	CHAIN LINK FENCE - T-WALL	LF	675
323113	CHAIN LINK FENCE BARRICADE - GRAVITY WALL	EA	2
055213	GRAVITY WALL RAILING	LF	515

NOTES:

1. SEE SPECIFICATION SECTION 004143 BID FORM.
2. NO MASONRY CRACKS REQUIRING EPOXY INJECTION WERE DETECTED DURING THE STRUCTURAL INSPECTION COMPLETED ON OCTOBER 13, 2021 UNLESS THEY WERE ASSOCIATED WITH DELAMINATION REPAIRS. HOWEVER 300 LINEAR FEET OF SUCH CRACKS WERE INCLUDED AS A CONTINGENCY.
3. NO CONCRETE STEEL REINFORCEMENT REQUIRING REPLACEMENT WAS IDENTIFIED DURING THE STRUCTURAL INSPECTION COMPLETED ON OCTOBER 13, 2021. HOWEVER, 300 POUNDS OF SUCH STEEL REINFORCEMENT WERE INCLUDED AS A CONTINGENCY.

2

WEATHER DEPENDENT CONSTRUCTION:

THE WORK IS WEATHER DEPENDENT. CONFORM TO ALL TEMPERATURE REQUIREMENTS IDENTIFIED WITHIN THE SPECIFICATIONS AND BY THE MATERIAL MANUFACTURERS. APPLY COATINGS ONLY WHEN WATER ELEVATION IN CAYUGA CREEK IS BELOW THE CREEK SIDE CONCRETE FOOTING. THERE ARE SPECIFIC WEATHER RESTRICTIONS IDENTIFIED IN THE FOLLOWING TECHNICAL SPECIFICATION SECTIONS:

- SECTION 030130 MAINTENANCE OF CAST-IN-PLACE CONCRETE
- SECTION 079200 JOINT SEALANTS
- SECTION 099600 HIGH PERFORMANCE COATINGS

SAFEGUARDS DURING CONSTRUCTION:

1. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE PROJECT.
2. MAINTAIN REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS AT ALL TIMES. STORE ALL EQUIPMENT AND MATERIALS WITHIN THE PERMANENT EASEMENT.
3. REMOVE ALL WASTE MATERIALS IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHT-OF-WAY.
4. DELINEATE ACTIVE WORK AREA(S) WITHIN THE PERMANENT EASEMENT WITH TEMPORARY FENCING FOR THE DURATION ON THE PROJECT AND REMOVE FROM THE CREEK SIDE DURING TIMES OF HIGH WATER. PLACE SIGNS AT REGULAR INTERVALS TO INDICATE THAT NO PEDESTRIAN ACCESS IS ALLOWED INTO THE WORK AREA.
5. DO NOT STORE ANY EQUIPMENT ON THE CREEK SIDE OF THE FLOODWALL.

FLOOD EMERGENCY ACTION PLAN NOTES:

1. IMPLEMENT THESE PRE-APPROVED FLOOD EMERGENCY ACTION PLAN (EAP) NOTES AND CONTRACT SPECIFICATIONS (FOR ALLOWANCES, SEE SECTION 012100) IN THE EVENT OF IMMINENT FLOODING DURING CONSTRUCTION, AS DEFINED HEREIN.
2. MAINTAIN ADEQUACY OF PROTECTION OF THE WALL AT ALL TIMES DURING REPAIR INCLUDING USE OF TOP-OF-WALL FORMS DURING WORK TO ENSURE INTEGRITY OF WALL DURING CONSTRUCTION.
3. ERECT FORMS BY THE END OF EACH WORKDAY WHERE CONCRETE WAS REMOVED FROM THE TOP OF THE FLOODWALL TO MAINTAIN THE ELEVATION OF FLOOD PROTECTION.
4. EMPLOY MEANS TO MINIMIZE THE DURATION FOR WHICH THE FLOODWALLS ARE REMOVED PRIOR TO RECONSTRUCTION.
5. MONITOR THE CAYUGA CREEK LANCASTER RIVER GAUGE AND THREE-DAY WEATHER FORECAST PREDICTION DAILY FOR POTENTIAL HIGH-WATER CONDITIONS.
   a. U.S. GEOLOGIC SURVEY (USGS) STREAM GAUGE - USGS CAYUGA CREEK AT LANCASTER, NY - 04215000
   b. NATIONAL WEATHER SERVICE FORECAST OFFICE WEBSITE: HTTPS://WWW.WEATHER.GOV/BGM/
6. THE ACTION LEVEL FOR THIS PROJECT IS ELEVATION 598.82 FEET NAVD88 (WHEN WATER IS AT THE TOP OF THE T-WALL FOOTER ON THE CREEK SIDE OF THE WALL).
7. IN THE EVENT THAT FLOODWATERS ARE PREDICTED TO REACH THE ACTION LEVEL, OR AS ORDERED BY THE DIRECTOR'S REPRESENTATIVE, THE CONTRACTOR MUST IMMEDIATELY INITIATE THE FLOOD EMERGENCY ACTION PLAN WHEN AUTHORIZED BY THE DIRECTOR'S REPRESENTATIVE, CONSISTING OF CONSTRUCTING TEMPORARY FLOOD CLOSURE STRUCTURES WITHIN A 24-HOUR PERIOD AS FOLLOWS:
   a. STOP WORK AND CONSTRUCT TEMPORARY FLOOD CLOSURE STRUCTURES AT ANY/ALL FLOODWALL LOCATIONS IN WHICH PORTIONS OF THE EXISTING WALL HAVE BEEN REMOVED RESULTING IN A DIMINISHED FLOOD PROTECTION ELEVATION OR AT SITES IN WHICH THE FLOODWALL RECONSTRUCTION HAS NOT REACHED ITS DESIGN STRENGTH (I.E. FULL 28-DAY DESIGN COMPRESSIVE STRENGTH).
   b. REMOVE ALL EQUIPMENT AND STORED MATERIALS LOCATED WITHIN THE FLOOD CONTROL CHANNEL RIVERWARD OF THE TEMPORARY FLOOD CLOSURE STRUCTURES, PRIOR TO INSTALLATION OF THE TEMPORARY CLOSURE STRUCTURES.
   c. THE FLOOD CLOSURE STRUCTURES MUST FORM A CONTINUOUS WATERPROOF LINE OF PROTECTION WITH THE ADJACENT FLOODWALL STRUCTURES TO REMAIN AND BE CONSTRUCTED AND DESIGNED TO PROVIDE FLOOD PROTECTION TO AN ELEVATION EQUAL TO OR EXCEEDING THE EXISTING FLOODWALL.
   d. WHEN FLOOD WATERS RECEDE BELOW THE ACTION LEVEL, THE CONTRACTOR IS PERMITTED TO RESUME WORK.
8. UPON ENACTMENT OF THE FLOOD EMERGENCY ACTION PLAN THE DIRECTOR'S REPRESENTATIVE WILL IMMEDIATELY NOTIFY NYSDEC AND LOCAL MUNICIPALITIES. A PROJECT CONTACT LIST WILL BE COMPOSED UPON AWARD OF CONTRACT SO THAT ALL INVOLVED PARTIES REMAIN INFORMED.
9. PERFORM THE FOLLOWING BEFORE STARTING WORK AT ANY OF THE FLOODWALL SITES.
   a. SUBMIT TO THE DIRECTOR'S REPRESENTATIVE FOR REVIEW AND APPROVAL A FLOOD EMERGENCY ACTION WORK PLAN DETAILING THE FOLLOWING INFORMATION: (THE WORK PLAN IS ALSO SUBJECT TO REVIEW BY USACE - A 30 TO 90 DAY REVIEW PROCESS)
      i. THE NAME OF THE PRIMARY AND SECONDARY CONTACT PERSONS (AND 24-HOUR CONTACT NUMBERS FOR EACH) WHO WILL BE RESPONSIBLE FOR IMPLEMENTING THE FLOOD EMERGENCY ACTION PLAN.
      ii. WORK PLAN DESCRIBING:
         1. THE METHODS FOR MONITORING WEATHER FORECAST.
         2. WHERE FLOOD CLOSURE MATERIALS WILL BE STORED WHILE NOT IN USE.
         3. THE METHODS THAT WILL BE USED TO IMPLEMENT THE CLOSURE, WHEN AUTHORIZED BY THE DIRECTOR'S REPRESENTATIVE, IN A 24-HOUR PERIOD.
         4. EXPLICITLY REFERENCE THE PLANNED SEQUENCE FOR THE FLOODWALL REMOVAL AND RECONSTRUCTION ACTIVITIES AND DEMONSTRATE THE CONTRACTOR'S ABILITY TO IMPLEMENT THE CLOSURE AT ALL LOCATIONS IN WHICH PORTIONS OF THE EXISTING FLOODWALL HAVE BEEN REMOVED RESULTING IN A DIMINISHED FLOOD PROTECTION ELEVATION.
   b. FABRICATE AND DELIVER TO THE SITE (OR APPROVED NEARBY OFF-SITE STAGING AREA) BEFORE WORK IS COMMENCED ALL MATERIALS REQUIRED FOR THE WORK AT THE FLOODWALLS, INCLUDING THOSE NECESSARY FOR IMPLEMENTING THE FLOOD EMERGENCY ACTION PLANS, TO MINIMIZE THE DURATION FOR WHICH FLOOD PROTECTION IS REDUCED.
   c. DURING CONSTRUCTION, STORE MATERIALS IN CLOSE PROXIMITY TO THE LOCATION OF THE FLOODWALLS OR AT AN APPROVED NEARBY OFF-SITE STAGING AREA. INSTALL TEMPORARY FLOOD CLOSURE STRUCTURES WHERE REQUIRED TO PROTECT ALL WORK WHERE FLOODWALL REMOVALS ARE UNDER CONSTRUCTION.

CODE COMPLIANCE STATEMENT:

2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
(SECTION C105.2.3 WRITTEN STATEMENT)

TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE LICENSED PROFESSIONAL SEALING THESE PLANS AND SPECIFICATIONS , THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.

(NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE):

TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE LICENSED PROFESSIONAL SEALING THESE PLANS AND SPECIFICATIONS , THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE, 2025).

THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE, 2025). TO INCLUDE:

2025 BUILDING CODE OF NEW YORK STATE
2025 PLUMBING CODE OF NEW YORK STATE
2025 MECHANICAL CODE OF NEW YORK STATE
2025 FUEL GAS CODE OF NEW YORK STATE
2025 FIRE CODE OF NEW YORK STATE
2025 PROPERTY MAINTENANCE CODE OF NEW YORK STATE
2025 EXISTING BUILDING CODE OF NEW YORK STATE

ENVIRONMENTAL NOTES:

1. STREAM CONSERVATION: CONDUCT OPERATIONS TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE AND IN ACCORDANCE WITH ALL PROJECT PERMITS TO PREVENT ANY DAMAGE TO THE WATERWAYS FROM POLLUTION, DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERWAY. DO NOT RETURN DIRECTLY TO A STREAM OR A DITCH IMMEDIATELY FLOWING INTO A STREAM, ANY WATER WHICH HAS BEEN USED FOR WASH WATER PURPOSES OR OTHER SIMILAR OPERATIONS WHICH COULD CAUSE THE WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. PROVIDE EROSION AND SEDIMENT CONTROL (ES&C) MEASURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. COMPLY WITH ALL REQUIREMENTS OF SPDES GENERAL PERMIT GP-0-25-001. REMOVE ALL ES&C MEASURES AND RESTORE THE AREA AT THE COMPLETION OF THE WORK.
2. VISIBLY TURBID DISCHARGES FROM DEWATERING OPERATIONS OR EXCAVATION ACTIVITIES ARE NOT ALLOWED TO ENTER ANY WATERWAY. PROVIDE ALL MEASURES NECESSARY TO ELIMINATE THE TURBIDITY PRIOR DISCHARGE.
3. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT THE ENTRANCE OF FRESH CONCRETE INTO THE WATERS OF NEW YORK STATE. CLEAN ALL EQUIPMENT, TOOLS, AND TRUCKS USED IN THIS PROJECT IN SUCH A MANNER TO PREVENT WASH WATER FROM ENTERING THE WATERWAY. WET CONCRETE IS HIGHLY TOXIC TO FISH. LOCATE WASH LOCATIONS AT LOCATIONS ACCEPTED BY THE DIRECTOR'S REPRESENTATIVE.
4. SPILLAGE OF OIL AND HAZARDOUS SUBSTANCES IS PROHIBITED BY SECTION 311 OF THE CLEAN WATER ACT OF 1977. PRIOR TO ANY CONSTRUCTION ACTIVITIES, IMPLEMENT MEASURES INCLUDING PROPER MAINTENANCE OF CONSTRUCTION EQUIPMENT, DESIGNATING FUEL/HAZARDOUS SUBSTANCES HANDLING AREAS TO ALLOW SPILLS TO BE CONTAINED BEFORE REACHING THE WATERWAY, INSTRUCTING PERSONNEL NOT TO DISPOSE OF OIL AND OTHER MATERIALS INTO DRAINS OR INTO THE WATERWAY DIRECTLY, AND OTHER NECESSARY PROCEDURES. IF IN SPITE OF SUCH PLANNING, OIL/HAZARDOUS SUBSTANCES ARE SPILLED INTO A WATER COURSE, IMMEDIATELY NOTIFY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT (518) 457-7362 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. RETAIN A CONTAINMENT BOOM AND A SUPPLY OF HAY, STRAW OR OTHER ABSORBENT MATERIAL ON SITE SO THAT IT MAY BE RAPIDLY DEPLOYED TO SOAK UP ANY POSSIBLE SPILLAGE. PENDING DEPARTMENT OF ENVIRONMENTAL CONSERVATION ARRIVAL ON SCENE. THE USE OF CHEMICAL DISPERSING AGENTS AND EMULSIFIERS IS NOT AUTHORIZED WITHOUT PRIOR SPECIFIC FEDERAL OR STATE APPROVAL.
5. HAZARDOUS MATERIALS HAVE BEEN IDENTIFIED IN THE WORK ZONES. TAKE ALL NECESSARY PRECAUTIONS IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS TO PROTECT WORKERS, THE PUBLIC, NEW YORK STATE EMPLOYEES AND THE ENVIRONMENT WHEN WORK EFFORTS ARE RELATED TO THE HAZARDOUS MATERIALS. FOR ADDITIONAL INFORMATION SEE THE COMPLETE ASBESTOS AND LEAD REPORTS PERFORMED BY EMSL ANALYTICAL, INC. FOUND IN THE PROJECT MANUAL.

Department of Environmental Conservation

Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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STATE OF NEW YORK · JOHN T. DROMSKY-REED · 086945-1 · LICENSED PROFESSIONAL ENGINEER

John T. Dromsky-Reed, PE
Registration #086945-1
Expiration 7/31/2029

John Dromsky-Reed

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE FLOODWALLS

LOCATION:
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

CLIENT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
2	OCT. 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

PROJECT NUMBER: 46196-C
DESIGNED BY: MO
DRAWN BY: JJS
FIELD CHECK: MO
APPROVED:

SHEET TITLE:
GENERAL REQUIREMENTS

DRAWING NUMBER:
G-002

SHEET 2 OF 23

Nov 09,2026 - 6:52am
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36x24 PLOT SHEET



NOTES:

1. AERIAL MAPPING DATED 2017 OBTAINED FROM NEW YORK STATE GIS ORTHOIMAGERY MAPS AT WEBSITE WWW.HTTPS://GIS.NY.GOV.
2. STATIONING OBTAINED FROM U.S. ARMY ENGINEER DISTRICT, BUFFALO CORPS OF ENGINEERS, RECORD DRAWINGS, TITLED: "CAYUGA CREEK CHEEKTOWAGA, NEW YORK, LOCAL FLOOD CONTROL", DATED AUGUST 25, 1981, STAMPED "AS CONSTRUCTED".
3. PERMANENT EASEMENT OBTAINED FROM SURVEY BY SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, D.P.C. DRAWINGS TITLED "CAYUGA CREEK FLOOD PROTECTION PROJECT", MAP NO. 12, 875, DATED SEPTEMBER 14, 2022.
4. THE ACCESS EASEMENT SHOWN ON THIS DRAWING IS FROM THE FULLY EXECUTED ACCESS AGREEMENT DATED OCTOBER 7, 2025 BETWEEN THE NYSDEC AND THE LANDOWNER OF PARCELS 113.16-2-19 AND 113.16-2-20.
5. THE CONTRACTOR MUST STAKE OUT THE LIMITS OF THE ARCHAEOLOGICAL SITE PRIOR TO INITIATING CONSTRUCTION ACTIVITIES. VEHICLES AND EQUIPMENT MOVEMENT WITHIN THE ARCHAEOLOGICAL SITE MUST BE LIMITED TO LOW LOAD BEARING EQUIPMENT SUCH AS LIGHT DUTY PICKUP TRUCKS OR BOBCATS AND THE SOD MUST REMAIN INTACT. IF IT IS ANTICIPATED THAT SOD WILL BE DISTURBED, VEHICULAR TRAFFIC AND EQUIPMENT MUST BE RESTRICTED FROM THIS AREA.
6. CONTRACTOR MAY ELECT TO CONSTRUCT A RAMP TO ACCESS THE CREEK SIDE OF THE FLOODWALL AT THE AREA INDICATED ON THIS DRAWING. RAMP CONSTRUCTION IS TEMPORARY, MUST BE CONSTRUCTED OF MATERIALS THAT WILL NOT ADVERSELY IMPACT CAYUGA CREEK, AND MUST MINIMIZE SOIL DISTRUBANCE. CONTRACTOR MUST SUBMIT THE PROPOSED RAMP CONSTRUCTION PLAN FOR APPROVAL PRIOR TO CONSTRUCTION.CONTRACTOR TO RESTORE THE SITE AFTER RAMP MATERIALS ARE REMOVED. 2

LEGEND:

- PERMANENT EASEMENT BOUNDARY
- CONTRACT LIMIT BOUNDARY
- CONTRACTOR EQUIPMENT AND MATERIAL STORAGE AREA
- 2025 ACCESS EASEMENT
- POTENTIAL LOCATIONS TO ACCESS CAYUGA CREEK 2

0 80' 160'
1" = 80'

Department of Environmental Conservation
Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

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Buffalo, New York 14202
CERTIFICATE OF AUTHORIZATION #: 021205

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086945-1

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John Dromsky-Reed

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CONSTRUCTION

TITLE:
REHABILITATE FLOODWALLS

LOCATION:
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

CLIENT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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2	OCT 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

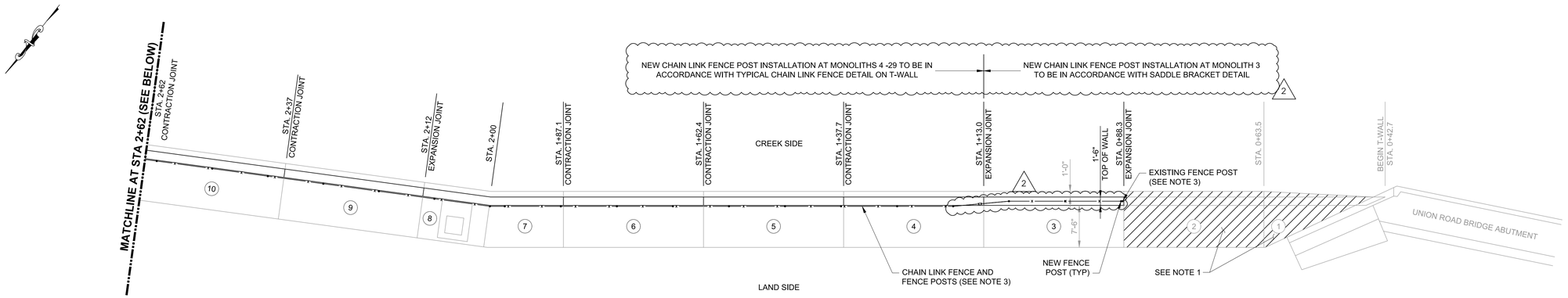
PROJECT NUMBER:	46196-C
DESIGNED BY:	MO
DRAWN BY:	JJS
FIELD CHECK:	MO
APPROVED:	

SHEET TITLE:
AERIAL MAP
EXISTING SITE CONDITIONS

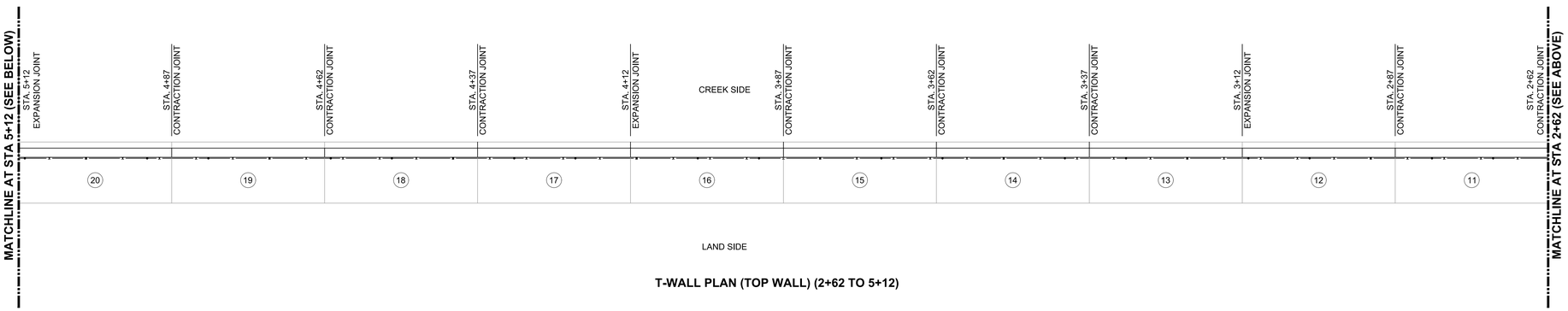
DRAWING NUMBER:
G-003

SHEET 3 OF 23

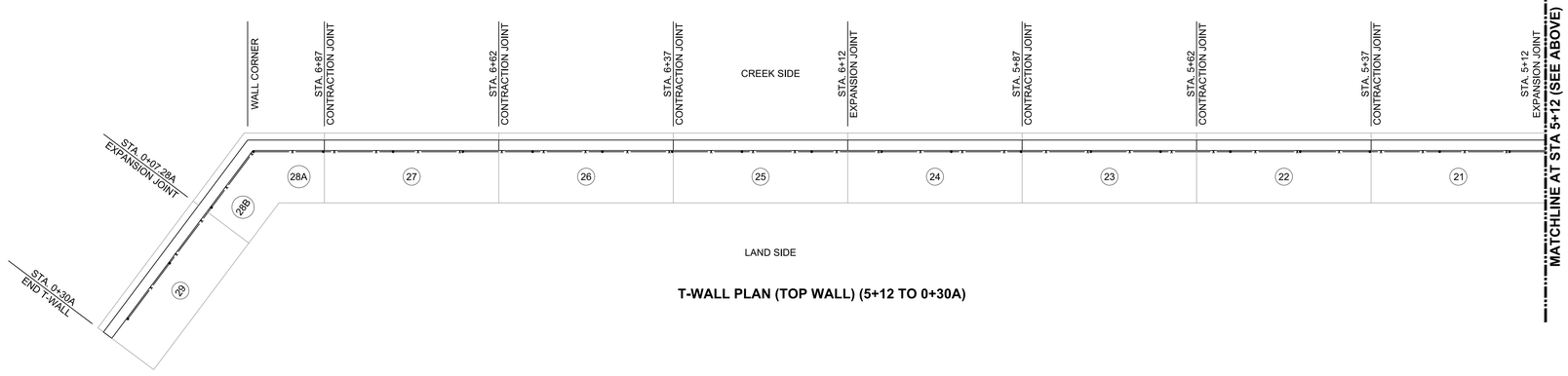
Oct 29,2026 - 11:33am
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36x24 PLOT SHEET



T-WALL PLAN (TOP WALL) (0+42.7 TO 2+62)



T-WALL PLAN (TOP WALL) (2+62 TO 5+12)



T-WALL PLAN (TOP WALL) (5+12 TO 0+30A)

NOTES:

1. MONOLITHS 1 AND 2 WERE REMOVED TO FACILITATE CONSTRUCTION OF THE UNION ROAD WING WALL.
2. STATIONING AND ELEVATIONS FOR T-WALL PROFILE WERE OBTAINED FROM U.S. ARMY ENGINEER DISTRICT, BUFFALO, CORPS OF ENGINEERS "AS CONSTRUCTED" DRAWINGS TITLED: "CAYUGA CREEK CHEEKTOWAGA, NEW YORK, LOCAL FLOOD CONTROL, T-WALL PLAN, PROFILE AND DETAILS", SHEETS 6, 7, AND 8 OF 19, DATED AUGUST 25, 1981.
3. CHAIN LINK FENCE AND FENCE POSTS TO BE INSTALLED ON LAND SIDE FACE OF T-WALL PER CONTRACT DRAWINGS. WESTERLY END OF CHAIN LINK FENCE TO TIE INTO FENCE POST LEFT IN PLACE NEAR WESTERLY END OF MONOLITH 3 (SEE DETAIL 18 2 ON DRAWING NUMBER D-005).
4. FOR CHAIN LINK FENCE SEE DETAIL 16 ON DRAWING NUMBER D-004.
5. FOR SADDLE BRACKET SEE DETAIL 23 ON DRAWING NUMBER D-006.

LEGEND

(1)	MONOLITH NUMBER
•	FENCE POST
——•——	CHAIN LINK FENCE

0 10' 20'

1" = 10'

Department of Environmental Conservation

Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

AECOM

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CERTIFICATE OF AUTHORIZATION #: 021205

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STATE OF NEW YORK · JOHN T. DROMSKY-REED · LICENSED PROFESSIONAL ENGINEER · 086945-1

John T. Dromsky-Reed, PE
Registration #086945-1
Expiration 7/31/2029

John Dromsky-Reed

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE FLOODWALLS

LOCATION:
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

CLIENT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
2	OCT 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

PROJECT NUMBER:	46196-C
DESIGNED BY:	MO
DRAWN BY:	JJS
FIELD CHECK:	MO
APPROVED:	

SHEET TITLE:

T-WALL
CHAIN LINK FENCE
INSTALLATION

DRAWING NUMBER:

C-011

SHEET 14 OF 23

Oct 29,2026 - 11:35am
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36x24 PLOT SHEET

APPROXIMATE QUANTITIES OF MASONRY REPAIR DUE TO DELAMINATION
CONCRETE T-WALL (SEE NOTE 6 ON DRAWING NO. G-002)

MONOLITH #	LANDSIDE		CREEKSIDE	
	SQUARE FEET OF CONCRETE REPAIRS	CUBIC FEET OF CONCRETE REPAIRS	SQUARE FEET OF CONCRETE REPAIRS	CUBIC FEET OF CONCRETE REPAIRS
1	N.I.C.	N.I.C.	N.I.C.	N.I.C.
2	N.I.C.	N.I.C.	N.I.C.	N.I.C.
3	4	3.6	0	0
4	16	14.4	0	0
5	26	23.4	6	5.4
6	17	15.3	37	33.3
7	11	9.9	23	20.7
8	7	6.3	10	9
9	0	0	0	0
10	6	5.4	6	5.4
11	0	0	8	7.2
12	0	0	16	14.4
13	11	9.9	7	6.3
14	0	0	18	16.2
15	0	0	0	0
16	5	4.5	7	6.3
17	0	0	10	9
18	0	0	0	0
19	0	0	0	0
20	0	0	19	17.1
21	0	0	13	11.7
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	11	9.9
27	0	0	0	0
28A	0	0	3	2.7
28B	0	0	5	4.5
29	7	6.3	0	0
TOTAL	110	99	199	179.1

APPROXIMATE QUANTITIES OF MASONRY REPAIR DUE TO DELAMINATION
CONCRETE GRAVITY WALL (SEE NOTE 6 ON DRAWING NO. G-002)

MONOLITH #	LANDSIDE		POND SIDE	
	SQUARE FEET OF CONCRETE REPAIRS	CUBIC FEET OF CONCRETE REPAIRS	SQUARE FEET OF CONCRETE REPAIRS	CUBIC FEET OF CONCRETE REPAIRS
1	0	0	0	0
2	15	18	0	0
3	0	0	5	2.5
4	0	0	4	2
5	0	0	2	1
6	0	0	2	1
7	0	0	10	5
8	0	0	2	1
9	0	0	2	1
10	12	12	2	1
11	0	0	2	0.7
12	0	0	8	0.7
13	14	16.8	18	21.6
14	0	0	0	0
TOTAL	**41**	46.8	57	37.5

PAINT SAMPLE LEAD ANALYSIS

SAMPLE ID	MATERIAL DESCRIPTION	SAMPLE LOCATION	LABORATORY RESULTS (% LEAD BY WEIGHT)	LEAD-BASED PAINT (Y/N?)	LEAD CONTAINING PAINT (Y/N?)
TW-PB1	Beige Paint	Top and Outward Face of T-Wall	0.049	No	Yes
TW-PB2			0.033	No	Yes
TW-PB3			0.026	No	Yes
TW-PB4			0.022	No	Yes
TW-PB5			0.022	No	Yes

SUSPECTED ASBESTOS CONTAINING MATERIAL SAMPLE RESULTS

SAMPLE ID	MATERIAL DESCRIPTION	SAMPLE LOCATION	SAMPLE RESULT	ASBESTOS CONTAINING MATERIAL (Y/N?)
TW-ASB1	Expansion Joint Sealant	T-Wall Expansion Joints	Not Detected	No
TW-ASB2			Not Detected	No
TW-ASB3			Not Detected	No
GW-ASB1		Gravity Wall Expansion Joints	Not Detected	No
GW-ASB2			Crysotile <1.0%	No

NOTES:

1. THE TWO TABLES ABOVE PRESENT THE RESULTS OF LABORATORY TESTING COMPLETED ON EXISTING PAINT SAMPLES COLLECTED FROM THE T-WALL AND SAMPLES OF JOINT SEALANT MATERIAL COLLECTED FROM BOTH THE T-WALL AND GRAVITY WALL BY AECOM STAFF ON OCTOBER 13, 2021.
2. THE CONTRACTOR IS RESPONSIBLE FOR EVALUATING SAMPLE DATA PROVIDED IN THE PROJECT MANUAL, CHARACTERIZING MATERIALS TO BE REMOVED, AND MANAGING/DISPOSING OF THE MATERIALS IN ACCORDANCE WITH APPLICABLE REGULATIONS.
3. ANALYTICAL TESTING REPORTS ARE INCLUDED AS AN APPENDIX TO THE PROJECT MANUAL.
4. SEE SPECIFICATION SECTION 028303 FOR REMEDIATION AND ABATEMENT REQUIREMENTS.
5. T-WALL AND GRAVITY WALL JOINT SEALANT WAS ALSO SAMPLED ON OCTOBER 13, 2021, AND TESTED FOR PCBs. ANALYTICAL TESTING RESULTS FOR ALL SAMPLES WERE NON-DETECT FOR ALL PARAMETERS. 2

	CUBIC FEET OF CONCRETE REPAIRS		LF OF CRACK REPAIRS (SEE NOTE 1)	LF OF EXPANSION JOINT REPAIR	LF OF CONTRACTION JOINT REPAIR	POUNDS OF CONCRETE STEEL REINFORCEMENT (SEE NOTE 2)
	LANDSIDE	CREEKSIDE/POND SIDE				
TOTAL T-WALL	99	179.1	200	110	316	300
TOTAL GRAVITY WALL	46.8	37.5	100	300	0	0

NOTES:

1. CRACKS MEASURING 4 MIL AND LARGER MUST BE REPAIRED BY EPOXY INJECTION AS INDICATED IN SPECIFICATION SECTION 030130. NO MASONRY CRACKS REQUIRING EPOXY INJECTION WERE DETECTED DURING THE STRUCTURAL INSPECTION COMPLETED ON OCTOBER 13, 2021 UNLESS THEY WERE ASSOCIATED WITH DELAMINATION REPAIRS. HOWEVER, 300 LINEAR FEET OF SUCH CRACKS WERE INCLUDED AS A CONTINGENCY.
2. NO CONCRETE STEEL REINFORCEMENT REQUIRING REPLACEMENT WAS IDENTIFIED DURING THE STRUCTURAL INSPECTION COMPLETED ON OCTOBER 13, 2021. HOWEVER, 300 POUNDS OF SUCH STEEL REINFORCEMENT WERE INCLUDED AS A CONTINGENCY.
3. FOR MASONRY REPAIRS TO T-WALL AND GRAVITY WALL, SEE DETAILS 3 THROUGH 15 ON DRAWINGS D-002, D-003, AND D-004.

NEW YORK STATE | Department of Environmental Conservation
NEW YORK STATE | Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT
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AECOM
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STATE OF NEW YORK · JOHN T. DROMSKY-REED · 086945-1 · LICENSED PROFESSIONAL ENGINEER

John T. Dromsky-Reed, PE
Registration #086945-1
Expiration 7/31/2029

John Dromsky-Reed

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE FLOODWALLS

LOCATION:
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

CLIENT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
2	OCT 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

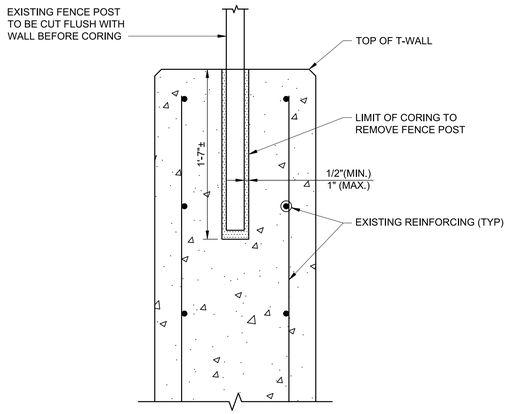
PROJECT NUMBER: 46196-C
DESIGNED BY: MO
DRAWN BY: JJS
FIELD CHECK: MO
APPROVED:

SHEET TITLE:
TABLES

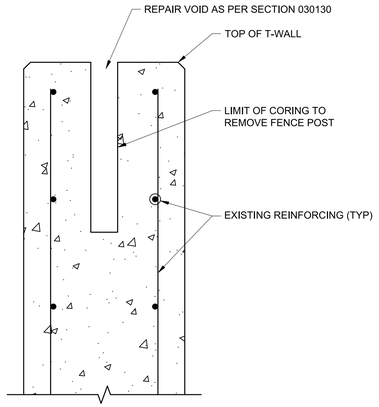
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C-013

SHEET 16 OF 23

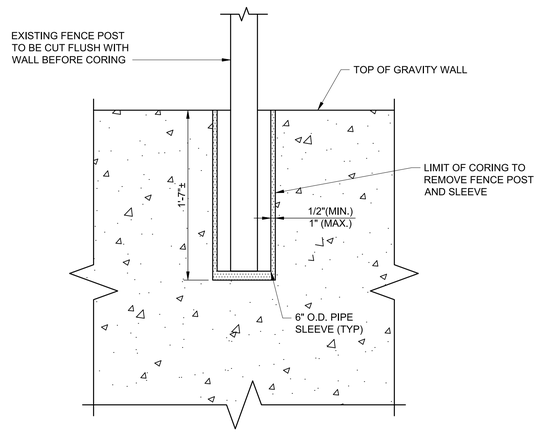
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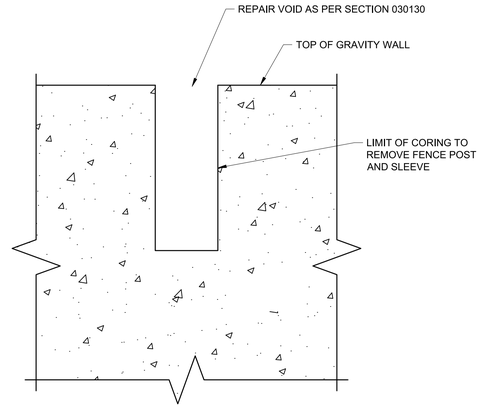
12 TYPICAL T-WALL FENCE POST REMOVAL
D-004 N.T.S.



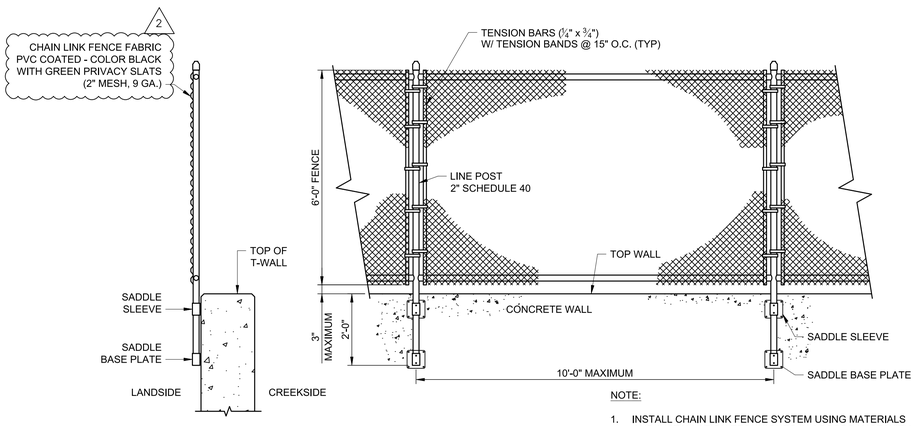
13 TYPICAL T-WALL FENCE POST RESTORATION
D-004 N.T.S.



14 TYPICAL GRAVITY WALL FENCE POST REMOVAL
D-004 N.T.S.



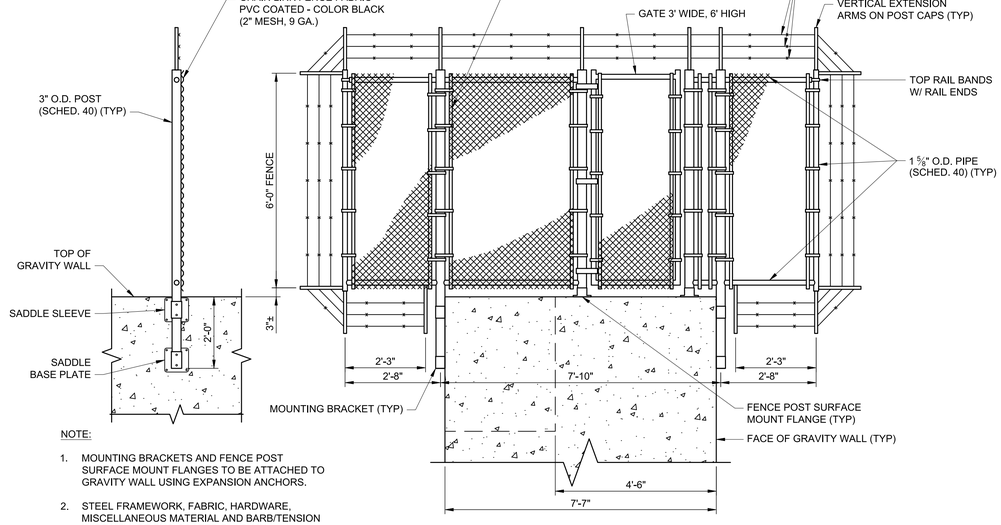
15 TYPICAL GRAVITY WALL FENCE POST RESTORATION
D-004 N.T.S.



NOTE:

1. INSTALL CHAIN LINK FENCE SYSTEM USING MATERIALS AND INSTALLATION TECHNIQUES IN ACCORDANCE WITH SPECIFICATION SECTION 323113.
2. MOUNTING BRACKETS TO BE ATTACHED TO THE LAND SIDE FACE OF THE WALL USING EXPANSION ANCHORS.
3. STEEL FRAMEWORK, FABRIC, HARDWARE, MISCELLANEOUS MATERIAL AND BARB/TENSION WIRE WILL BE PVC COATED BLACK IN ACCORDANCE WITH SPECIFICATION SECTION 323113 SECTION 2.09.

16 TYPICAL CHAIN LINK FENCE DETAIL ON T-WALL
D-004 N.T.S.



NOTE:

1. MOUNTING BRACKETS AND FENCE POST SURFACE MOUNT FLANGES TO BE ATTACHED TO GRAVITY WALL USING EXPANSION ANCHORS.
2. STEEL FRAMEWORK, FABRIC, HARDWARE, MISCELLANEOUS MATERIAL AND BARB/TENSION WIRE WILL BE PVC COATED BLACK IN ACCORDANCE WITH SPECIFICATION SECTION 323113 SECTION 2.09.

17 TYPICAL BARRICADE FENCE DETAIL ON GRAVITY WALL
D-004 N.T.S.

Department of Environmental Conservation

Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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STATE OF NEW YORK · JOHN T. DROMSKY-REED · 086945-1 · LICENSED PROFESSIONAL ENGINEER

John T. Dromsky-Reed, PE
Registration #086945-1
Expiration 7/31/2029

John Dromsky-Reed

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE FLOODWALLS

LOCATION:
CHEEKTOWAGA CAYUGA CREEK
UNION ROAD
CHEEKTOWAGA, NY

CLIENT:
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
2	OCT 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

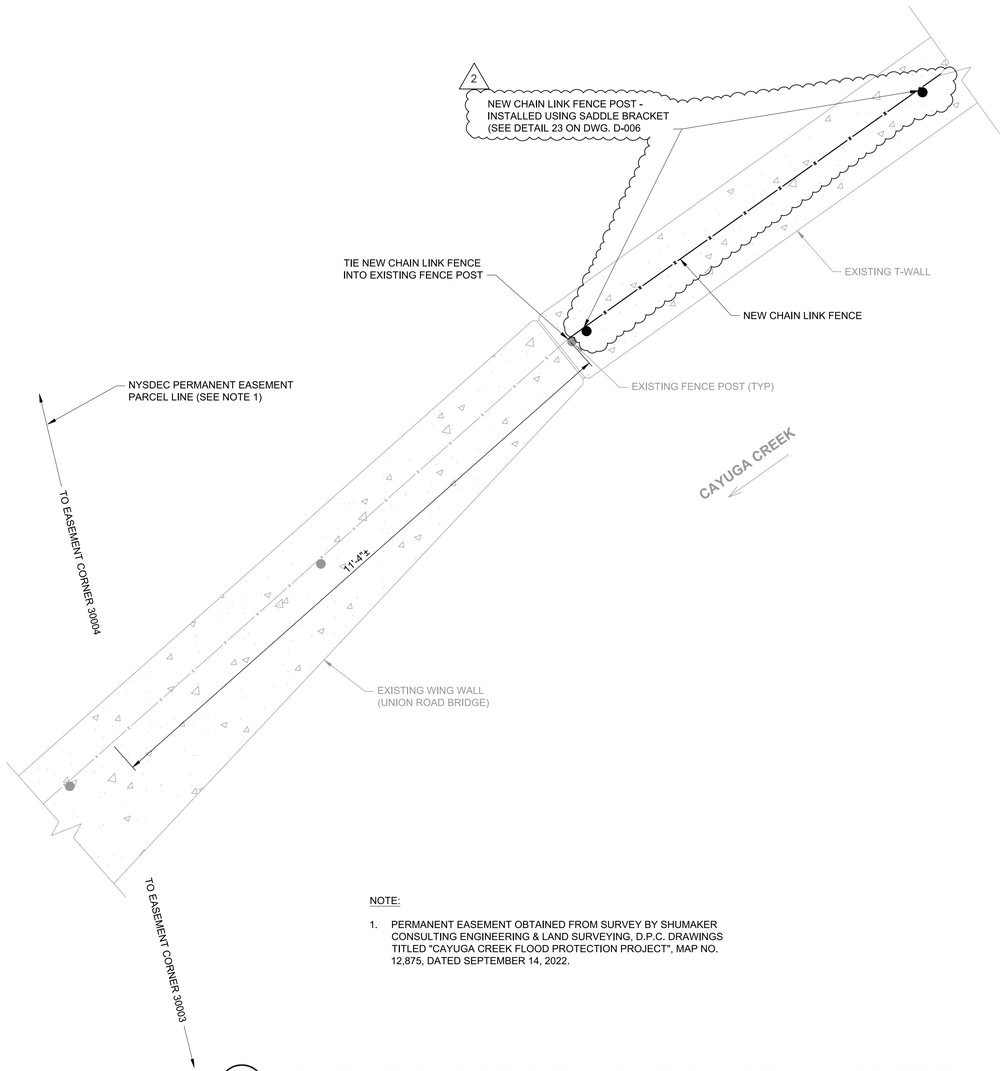
PROJECT NUMBER:	46196-C
DESIGNED BY:	MO
DRAWN BY:	JJS
FIELD CHECK:	MO
APPROVED:	

SHEET TITLE:
TYPICAL REPAIR DETAILS
(SHEET 3 OF 5)

DRAWING NUMBER:
D-004

SHEET 21 OF 23

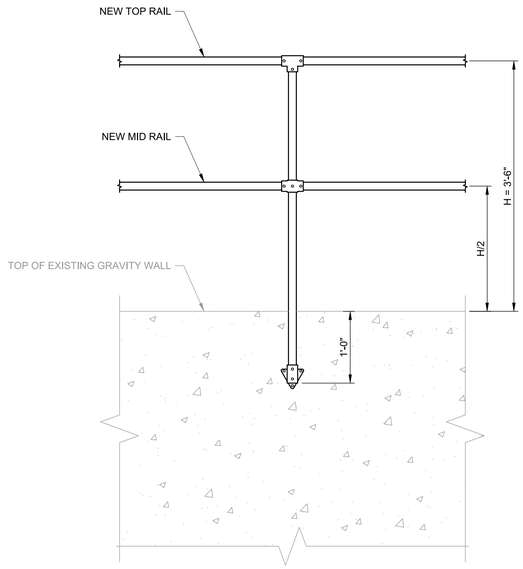
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36x24 PLOT SHEET



NOTE:

1. PERMANENT EASEMENT OBTAINED FROM SURVEY BY SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, D.P.C. DRAWINGS TITLED "CAYUGA CREEK FLOOD PROTECTION PROJECT", MAP NO. 12,875, DATED SEPTEMBER 14, 2022.

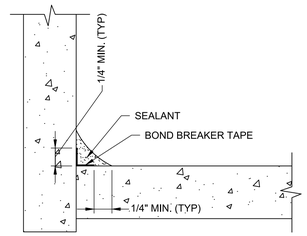
18 / D-005 — NEW CHAIN LINK FENCE TIE-IN AT EXISTING CHAIN LINK FENCE AT UNION ROAD BRIDGE WING WALL
N.T.S.



NOTE:

1. INSTALL HANDRAIL SYSTEM USING MATERIALS AND INSTALLATION TECHNIQUES IN ACCORDANCE WITH SPECIFICATION SECTION 055213.

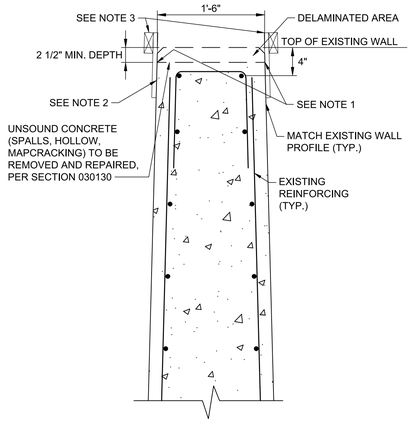
19 / D-005 — TYPICAL RAILING DETAIL ON GRAVITY WALL
N.T.S.



20 / D-005 — MOVING CORNER JOINT DETAIL
N.T.S.

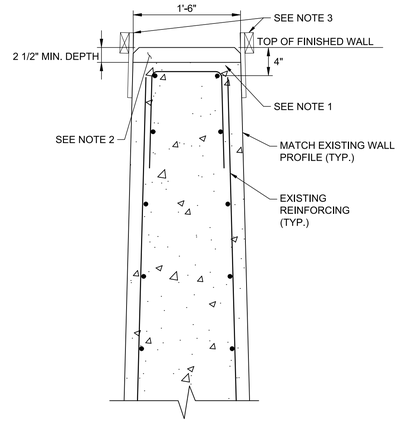
NOTES:

1. BOND BREAKER TAPE OR BACKER ROD MUST BE PRESENT IF JOINT MOVEMENT IS ANTICIPATED
2. JOINT MUST BE TOOLED INTO A CONCAVE SURFACE.
3. MINIMUM SEALANT THICKNESS OF 1/8".



REMOVALS

1. SAWCUT 3/4" DEEP (BOTH SIDES OF WALL) AND REMOVE TOP 2.5 INCHES OF THE WALL.
2. RETAIN ALL REINFORCEMENT WHICH MAY BE EXPOSED.
3. ABRASIVE BLAST CLEAN EXPOSED CONCRETE SURFACE AND EXPOSED REINFORCING.
4. PROVIDE 3/4" PLYWOOD FORMS W/ 2X4 WALERS IMMEDIATELY AFTER REMOVING CONCRETE AND CLEANING CONCRETE AND REINFORCING SURFACES UTILIZE CLAMPS OR OTHER NON-DESTRUCTIVE TECHNIQUES TO KEEP THE FORMS IN PLACE



CONCRETE LIFT

1. APPLY EPOXY BONDING AGENT TO CLEAN CONCRETE SURFACE. APPLY COATING TO REBAR PER SPECIFICATIONS.
2. PROVIDE SELF CONSOLIDATING CONCRETE WITH PROFILE MATCHING EXISTING WALL TOP.
3. DO NOT REMOVE PLYWOOD FORMS UNTIL CONCRETE HAS ACHIEVED SPECIFIED 28 DAY COMPRESSIVE STRENGTH.
4. CONTRACTOR TO ENSURE THAT FINISHING OPERATIONS DO NOT CREATE A CONCAVE HORIZONTAL SURFACE ON TOP OF THE WALL.

21 / D-005 — TOP OF WALL TYPICAL SHALLOW DELAMINATION REPAIR
N.T.S.

Department of Environmental Conservation

Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

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Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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MARK	DATE	DESCRIPTION
2	OCT 2026	REVISED FOR ADDENDUM 1
1	JUNE 2026	BID DOCUMENT

PROJECT NUMBER:	46196-C
DESIGNED BY:	MO
DRAWN BY:	JJS
FIELD CHECK:	MO
APPROVED:	

SHEET TITLE:
TYPICAL REPAIR DETAILS
(SHEET 4 OF 5)

DRAWING NUMBER:
D-005

SHEET 22 OF 23

Oct 29,2026 – 11:36am
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36x24 PLOT SHEET



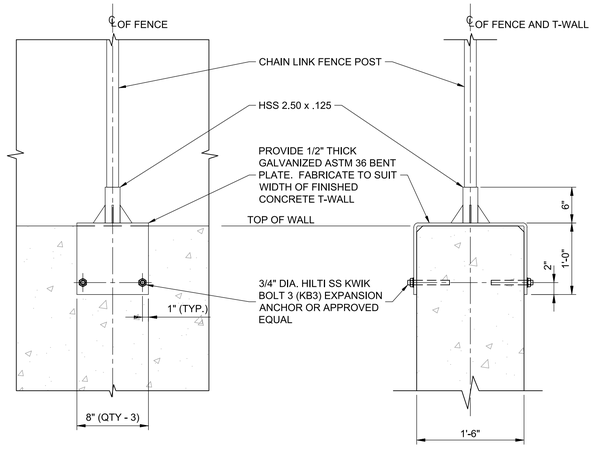
22 D-006 **TYPICAL EROSION AND SEDIMENT CONTROL AT CAYUGA CREEK**
1"= 20'-0"

LEGEND:

- PERMANENT EASEMENT BOUNDARY
- CONTRACT LIMIT BOUNDARY
- 2025 ACCESS EASEMENT

NOTES:

1. VEGETATION AND SEDIMENT REMOVAL ALONG FOOTING OF FLOODWALL AT THE CREEK LEVEL MUST BE DONE WHEN CAYUGA CREEK ELEVATION IS SUCH THAT THERE IS SUFFICIENT ROOM TO WORK IN DRY CONDITIONS.
2. CONTRACTOR WILL INSTALL 8-INCH DIAMETER COMPOST FILTER SOCK AROUND WORK AREA WHILE REMOVING VEGETATION AND SEDIMENT ADJACENT TO THE FLOODWALL TO PREVENT SEDIMENT FROM MIGRATING OUTSIDE OF THE WORK AREA.
3. COMPOST FILTER SOCK WILL BE ANCHORED TO THE CREEK BED USING SAND BAGS OR SIMILAR APPROACH TO ENSURE THE COMPOST FILTER SOCK REMAINS FULLY FUNCTIONAL.
4. CONTRACTOR WILL SWEEP UP SEDIMENT AND SOIL FROM CREEK BED AND MUST OBTAIN APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE BEFORE CONSIDERING VEGETATION AND SEDIMENT REMOVAL COMPLETE.
5. COMPOST FILTER SOCK WILL REMAIN IN PLACE UNTIL THE DIRECTOR'S REPRESENTATIVE APPROVES THE VEGETATION AND SEDIMENT REMOVAL IS COMPLETE. CONTRACTOR TO MINIMIZE DURATION THAT COMPOST FILTER SOCK IS INSTALLED ON CREEK BED.



23 D-006 **SADDLE BRACKET DETAIL**
N.T.S.



VIEW OF CAYUGA CREEK LOOKING NORTH WEST

Department of Environmental Conservation
Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202
CERTIFICATE OF AUTHORIZATION #: 021205

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DESIGNED BY:	MO
DRAWN BY:	EJH
FIELD CHECK:	MO
APPROVED:	

SHEET TITLE:
TYPICAL REPAIR DETAILS (SHEET 5 OF 5)

DRAWING NUMBER:
D-006

SHEET 23 OF 23

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