VIRGINIA RAILWAY EXPRESS

ADDENDUM OF SOLICITATION

INVITATION FOR BIDS (IFB)

ADDENDUM NO. 4

Issued: July 29, 2025

IFB No.: 025-013	**Title: Construction of the Alexandria Station Improvements and King Street and Commonwealth Avenue Bridge Replacement Project**

Contact: Ramon Paez **Email:** rpaez@vre.org **Telephone:** (703) 838-5447

This addendum is hereby incorporated into the solicitation documents of the above referenced IFB. The following items are clarifications, corrections, additions, deletions and/or revisions to the IFB, which shall take precedence over the original documents. ***Bold and Italics*** indicates additions while deletions are indicated by ~~strikethrough~~. Bidders must acknowledge receipt of this addendum by returning a signed original with your Bid.

DESCRIPTION OF ADDENDUM

The above numbered solicitation is amended as follows:

1. **PART V- GENERAL PROVISIONS**

A. Note the following revision to IFB Part V- General Provisions:

10. LIQUIDATED DAMAGES

A. It is hereby understood and agreed by the Contractor that time is of the essence for the completion of this Contract. In the event of failure to comply with any of the time period(s) stipulated herein this solicitation, VRE is authorized to assess liquidated damages in the sum of ~~**Thirteen thousand six hundred and forty-one Dollars ($13,641.00) for each and every calendar day**~~ ***Twenty two thousand four hundred ninety one Dollars ($22,491.00) for each and every calendar day*** of delay beyond the time specified. These damages are not intended as a penalty, but rather as a fair and reasonable measure of loss or delay to VRE. Upon receipt of a written request and justification for an extension from the Contractor, VRE may extend the time for performance of the Contract at VRE's sole discretion.

2. **ATTACHMENT G1- BID FORM**

A. Part IX, Attachment G1- Bid Form is deleted in its entirety and replaced with the attached revised Bid Form, annotated "Revised- Addendum No. 4" included in this addendum.

3. **REVISIONS TO PLANS/DRAWINGS (ATTACHMENT B)**

A. PAY ITEM SUMMARY- 1 OF 3

1. Replace Existing Drawing G-011 with new Drawing G-011 noted Addendum No. 4, dated July 28, 2025.

B. PAY ITEM SUMMARY- 3 OF 3

1. Replace Existing Drawing G-013 with new Drawing G-013 noted Addendum No. 4, dated July 28, 2025.

C. PROPOSED TUNNEL SITE PLAN

1. Replace Existing Drawing C-217 with new Drawing C-217 noted Addendum No. 4, dated July 28, 2025.

D. KING ST JUMP SPAN PLAN AND ELEVATION

1. Replace Existing Drawing No. S2-602 with new Drawing S2-602 noted Addendum No. 4, dated July 28, 2025.

E. COMMONWEALTH AVE JUMP SPAN PLAN AND ELEVATION

1. Replace Existing Drawing No. S3-602 with new Drawing S3-602 noted Addendum No. 4, dated July 28, 2025.

4. **REVISIONS TO TECHNICAL SPECIFICATIONS (ATTACHMENT A)**

A. Note the following revisions to the Technical Specifications Table of Contents:

RE-ISSUE THE FOLLOWING:

14 24 23- Hydraulic Elevators-Passenger

B. Note the following revision to Specification Section 14 24 23 "Hydraulic Elevators-Passenger"

Replace Existing Specification Section 14 24 23, "Hydraulic Elevators- Passenger" with Specification Section 14 24 23, "Hydraulic Elevators- Passenger" noted Addendum No. 4, dated July 28, 2025.

5. **LIST OF ADDENDUM #4 DOCUMENTS (IN PDF)**

A. Revision to Drawings: Replace the existing sheets below with new sheets noted Addendum No. 4, dated 7/28/2025:

1. The following Drawings are re-issued with this Addendum:
   G-011
   G-013
   C-217
   S2-602
   S3-602

B. The following Specification is re-issued noted Addendum No. 4, dated 7/28/2025:

- SECTION 14 24 23 "Hydraulic Elevators-Passenger"

6. Except as specifically amended herein, all other terms and conditions of this solicitation remain unchanged and in full force and effect.

Bidders must acknowledge receipt of this Addendum by returning a signed original with the Bid package prior to the hour and date specified in the solicitation. Failure to acknowledge receipt of this Addendum may be grounds to declare your Bid non-responsive.

Company_____

Address _____

City _____State_____ Zip Code _____

Name of Person Authorized to Sign _____
Print

Signature_____Date_____

SECTION 14 24 23

HYDRAULIC ELEVATORS - PASSENGER

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Hydraulic Elevators – Passenger, as indicated, in accordance with provisions of Contract Documents.

B. Completely coordinate with work of other trades.

1.2 QUALITY ASSURANCE

A. Manufacturer Qualifications:

1. Provide elevators manufactured by a firm with a minimum of 10 years' experience in fabrication of elevators equivalent to those specified.

B. Optional manufacturers are responsible for, at no additional cost to Owner:

1. Costs for dimensional adjustments to fit their elevators to openings.

a. Hoistway inside dimensions or floor to floor heights shall not be changed.

2. Provide or arrange for additional electrical wiring, energy, panels, transformers etc., required to accommodate their elevators.

C. Installer Qualifications:

1. Installed by the manufacturer.

2. Provide licenses and permits and perform required inspections and tests.

D. Reference Standards:

1. ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators.

2. ANSI A117.1 Accessible and Usable Buildings and Facilities.

3. ADA Standards for Accessible Design.

4. ANSI/NFPA 70, National Electrical Code.

5. ANSI/NFPA 80, Fire Doors and Windows.

6. ANSI/UL 10B, Fire Tests of Door Assemblies.

1.3 SUBMITTALS

A. Shop Drawings:

1. Hoistway Plans and Machine Room Plans and Sections clearly showing the following:

a. Structural Loads imposed on building superstructure.

b. Clearances and travel of car.

c. Hoistway and pit dimensions.

d. Location and sizes of access doors, hoistway entrances and frames.

e. Car, guide rails, buffers and other components in hoistway.

f. Signal and operating fixtures, operating panels and indicators.

g. Cab design, dimensions and layout.

h. Hoistway-door and frame details.

i. Electrical characteristics and connection requirements.

j. Heat dissipation (BTU) of elevator equipment.

B. Product Data:

1. Include capacities, sizes, performances, operations, safety features, finishes, and similar information.

a. Car enclosures and hoistway entrances.

b. Operation, control, and signal systems.

2. Bio-based hydraulic fluid.

C. Samples:

1. Cab and entrance finishes.

D. Contract Closeout Information:

1. Inspection and Acceptance Certificates and Operating Permits.

2. Operation and Maintenance Data.

3. Owner instruction report.

4. Warranty.

1.4 WARRANTY

A. ***2-year Service Contract*** ~~1 year Service Contract~~.

B. Service Contract:

1. Service period: Monthly.

2. Include examination, oiling, greasing, adjustment and repairs as required.

3. Emergency overtime service.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Hydraulic Elevators:

1. Base:

a. ThyssenKrupp Elevators.

2. Optional:

a. Otis Elevator.

b. Schindler Elevator.

B. Other manufacturers desiring approval comply with Section 01 25 00.

2.2 GENERAL PARAMETERS

A. Quantity of Elevators in this Group: 2.

B. Elevator Names / Mark Numbers: ELV #1, ELV #2.

C. Elevator Operating Equipment:

1. Oil Hydraulic power unit and cylinder.
2. Cylinder Configuration:
    a. Holed Type: Single, direct-acting cylinder in well hole.

D. Cab Dimensions, Inside Clear, and Capacity Rating:

1. 5 FT-8 IN Wide x 7 FT-9 IN Deep, 4,500 LBS.

E. Cab Height:

1. Standard height: 95 IN gross.

F.Speed:

1. 150 FPM.

G. Travel: ELEV #1: 14.04', ELEV #2: 13.01'.

H. Number of Stops: ELEV #1: 2, ELEV #2: 2.

I. Hoistway Entrances:

1. Quantity (per each elevator):
    a. Front: ELEV #1: 1, ELEV #2: 2
    b. Rear: ELEV #1: 1, ELEV #2: None.
2. Door Type:
    a. Single-speed, opening to the side.
3. Door Opening Width (clear):
    a. 48 IN.
4. Door Height (clear):
    a. 84 IN (@ Standard height Cars).

J. Model:

2.3 MACHINE ROOM EQUIPMENT

A. General:

1. Hydraulic system: Compact design suitable for operation under the required pressure.
2. Main Power Supply: 460VAC, 3 Phase, with a separate equipment grounding conductor.
3. Secondary Power: 460VAC, 3Phase hydraulic power source to reposition elevator in the event of a system component failure.
4. Car Lighting Power Supply: 120 VAC, 1 Phase, 15 Amp, 60 Hz.

5. Speed: + 2 PCT of specified speed under any loading condition or direction of travel.
6. Stopping Accuracy: ± 1/4 IN under any loading condition or direction of travel.
7. Electrical work: Provide necessary wiring to connect parts of equipment.

B. Power Unit:

1. Mounted in the hydraulic-fluid storage tank.
2. Control valve shall include an integral check valve.
3. Control section shall direct the main valve and control up and down starting, acceleration, transition from full speed to leveling speed, up and down stops, pressure relief and manual lowering.
4. Include: Muffler, low-pressure switch and a shut-off valve.
5. Mount motor and pump assembly on rubber isolated base.
6. Control valve assembly designed to reduce transmission of vibrations and noise to elevator car.
7. Metered bypass, check, relief, and manual lowering valves, and metered lowering and leveling devices.
8. Manual valve for lowering of car when power fails.

C. Controller:

1. Microprocessor-based control system to perform functions of safe elevator operation.
2. The system shall also perform car and group operational control.
3. Include necessary starting switches, relays, switches, solid-state components and hardware required for car and door operation.
4. Provide 3-phase overload device to protect the motor against overloading.

D. Miscellaneous options required:

1. Low-oil control.
2. Pressure Switch.

E. Hydraulic fluid:

1. Non-toxic, biodegradable, fire-resistant fluid made from vegetable oil with antioxidant, anticorrosive, antifoaming, and metal-passivating additives and approved by elevator manufacturer for use with elevator equipment.

2.4 HOISTWAY EQUIPMENT

A. Hoistway Operating Devices:

1. Emergency stop switch in the pit.
2. Terminal stopping switches.
3. Car positioning vanes.

B. Plunger and Cylinder:

1. General:

a. Install assemblies plumb to operate freely with minimum friction.

2. Cylinder:

a. Made of steel pipe of sufficient thickness and suitable for the operating pressure.

b. Drip ring to collect any oil seepage as well as an internal guide ring and self-adjusting packing.

3. Plunger:

a. Constructed of select steel tubing or pipe of proper diameter machined true and smooth with a fine polished finish.

b. Stop ring: Welded to plunger to prevent over extension.

C. Cylinder Protection:

1. Sealed PVC cylinder protection system.

2. Include means for monitoring the space between the PVC sleeve and cylinder wall.

3. Include means for evacuation of unwanted fluids.

D. Guide Rails:

1. Tee-section steel rails with brackets and fasteners.

2. Use heavy-weight rail sections as required to span between structural supports indicated, OR include supplemental steel bracing/sub-frame as required.

E. Buffer: Polyurethane or helical coil spring.

F. Wiring: Wiring for hoistway electrical devices included in scope of the elevator system, hall panels, pit emergency stop switch, and the traveling cable for the elevator car.

A. Pit Ladders:

1. Coordinate pit ladders per ANSI/ASME-A17.1.

2. Ladders are specified in Section 05 50 00.

2.5 HOISTWAY ENTRANCES

A. General:

1. Fire Label: 1-1/2 HR UL B label.

B. Frames:

1. Bolted construction for complete one-piece unit assembly.

2. Securely fastened to fixing angles mounted in the hoistway and shall be of 14 GA sheet steel.

3. Material:

a. Type 301 or 304 Stainless Steel (non-magnetic).

1) Finish:

a) #4, Brushed Satin.

C. Doors:

1. Flush, 16 GA hollow metal construction with vertical internal channel reinforcements and sound deadening material.
2. Material:
    a. Type 301 or 304 Stainless Steel.
        1) Finish:
            a) #4, Brushed Satin.

D. Sills:
1. Extruded aluminum with slip resistant wearing surface.
2. Supported on steel anchors secured to floor construction.
3. Elevator contractor to provide stainless steel sill angles as required.

E. Entrance Markings:
1. Entrance jambs shall be marked with 4 x 4 IN plates having raised floor markings with Braille adjacent.
    a. Markings shall be provided on both sides of the entrance.

F. Sight Guards: Finish compatible or matching door frames.

G. Fascia:
1. Galvanized sheet steel shall be provided at the front of the hoistway.
    a. Include similarly at rear of hoistway where rear openings are indicated.
2. Include necessary supports, connections and filler pieces.

2.6 CAR - GENERAL

A. Car frame:
1. Fabricated from formed or structural steel members and adequately braced to support the platform and car enclosures.
2. Roller guides: Rubber tired, spring loaded, adjustable, which engage guide rails.
3. Buffer striking plate on the underside of the car-frame platform must fully compress the spring buffer before the plunger reaches its lower limit of travel.

B. Elevator Car Platform:
1. Steel construction with reinforced welded steel frame.
2. Floor: Minimum 12 GA sheet steel or 3/4 IN plywood with fireproofing on the underside..
3. Fasten floor securely to frame and reinforcing members.
4. Threshold Material: Extruded Aluminum.

C. Load Weighing Device:
1. Mounted under the platform.
2. Platform load weighing device set to a predetermined maximum load in car.

3. Car bypasses hall calls when device is actuated.

D. Exhaust Fan: Mounted on the Car Top.

E. Emergency Car Lighting:

1. Emergency power unit employing a 6 volt, sealed rechargeable battery.
2. Purpose: To supply illumination of elevator car and alarm bell in the event of building power failure.

F. Emergency Pulsating Siren:

1. Mounted on top of the car and activated by Alarm button in the car operating panel.
2. Rated sound pressure level: 80 dba @ 3 M.

G. Provide 125 VAC, 20A, duplex receptacle with ground-fault interrupter protection connected to same circuit as car lights and fan.

H. Provide accessibility code items.

I. Exit Panel:

1. Standard: Hinged, type, non-locking.
2. Coordinate location with ceiling and lighting.

2.7 CAB TYPE

A. Panel Cab:

1. Cab Frame:
   a. 16 GA sheet steel, powder coated, pre-perforated for hardware to mount removable panels.
   b. Finish:
      1) Black powder coat.
2. Panel Type:
   a. Vertical Panels.
   b. Finish:
      1) Plastic Laminate:
         a) Natural Maple.
3. Car Top: Cold rolled steel with hinged exit.

2.8 CAR FRONT FINISHES

A. Car Front:

1. 14 GA stainless steel:
   a. Finish: #4 Satin Brushed.

B. Car Doors:

1. Match materials and finished indicated for Hoistway Doors (above).

C. Floor covering:

1. As listed in Drawing I-001 Interior Notes and Finish Legend.

D. Dropped Ceiling:

1. Diffused Lighting:
    a. Fluorescent lighting fixtures over white translucent polycarbonate diffusers set in metal frame.
    b. Frame Material:
        1) Aluminum, powder coat in color selected from manufacturer's standard color chart.

E. Metal Handrails:

1. Locations: 3 walls, (Exception: Omit from rear wall where cars are rear-opening type).
2. Mounting Height: 32 IN above cab floor.
3. Material and finish:
    a. Stainless Steel, #4 Satin brushed.
4. Profile:
    a. Flat Solid Metal:
        1) Size: 1/4 IN x 6 IN.
    b. Cylindrical Tubular Metal:
    c. Curved end returns.

F.Protective Pads:

1. Quilted fire retardant protective pads.
2. Include hooks/buttons.

2.9 FIXTURES AND DEVICES - GENERAL

A. Car and Hall Fixtures – Design and Style:

1. Traditional Fixtures:
    a. Faceplates: Flush-mounted, with square corners.
        1) Material and Finish:
            a) #4 Satin Stainless Steel.
    b. Indicators: Red LED matrix for floor positions; lanterns for directional indication.
    c. Raised and Braille markings.
    d. White LED illuminated buttons with black halo.

2.10 FIXTURES AND DEVICES – HALLS

A. Hall Call Stations:

1. Located adjacent to hoistway entrance, combining landing buttons and key switches required for elevator operation.
2. Raised markings shall be provided for each push-button.

3. Quantity per landing: 1 centrally located fixture.
4. Configurations:
    a. Terminal Landings: Provide single button.
    b. Intermediate Landing: UP and DOWN button.
5. At main lobby, include a keyswitch for Car to Lobby, integrated into Hall Call fixture.

B. Hall Lantern and Chime:
1. Locate directional lantern, visible from the corridor, in the hall entrance.
2. When the car stops and the doors are opening, the lantern shall indicate the direction in which the car is to travel and a chime will sound.

C. Hall Position Indicator:
1. Display the car's current floor position.
2. Integrate the features of Hall Position Indicator and Hall Lantern into one fixture.
3. Provide at first floor lobby.

D. Standby Power Cabinet:
1. Manual selection of each elevator in normal operation after automatic return in standby power operation has been initiated.
2. This is achieved via a strip switch inside the standby-power cabinet.
3. Location: _____.

E. Express Priority Service:
1. Locate keyswitch and signal light to permit nearest available elevator to respond to that landing, canceling car calls and bypassing hall calls en route.
2. Incorporate keyswitch in to common faceplate of Hall Call Station.
3. Keyswitch Location:
    a. Locate at landings at Floor Levels: _____.
4. Operating Logic:
    a. Staff use keyswitch to call nearest car in group for immediate response.
    b. Message indicator in selected car shall inform passengers that the car is responding to special call and that they are required to exit at next stop.
    c. Upon arrival, doors open for predetermined time and shall be placed in independent service.
    d. Car to resume normal service when independent service keyswitch is deactivated or preset time period has expired.
    e. Illuminate signal light while car is responding to priority call and extinguish when car is placed on independent service or returned to normal service.
    f. Signal light shall remain illuminated until car becomes available for priority service.
    g. Additional priority calls cannot be initiated until signal light is extinguished.

F.Car to Lobby Operation - Multi-car Groups Only:

1. Applicable Elevator Numbers: _____.
2. Actuation of car to lobby switch to call car to Lobby.
3. Answer car and hall calls in normal manner enroute.
4. Upon arrival, elevator can be operated on independent service, or parked out of service with doors closed.

2.11 FIXTURES AND DEVICES - CAR OPERATING PANEL (COP)

A. Fully integrated unit containing phone, push buttons, key switches, and message indicators for elevator operation including:

B. Buttons:

1. Individually mark with landings served, Emergency Call, Door Open, Door Close, and other accessories indicated or required.
2. Emergency Stop Button.

C. Switches:

1. Lights, Inspection, Fan, Independent Service, and other accessories indicated.

D. Car Position Indicator:

1. Digital readout, displaying the current position of the car.

E. Landing Passing Signal:

1. Chime which sounds in the car to notify passenger that the car is either stopping at or passing a floor served by the elevator.

F.Independent Service:

1. When switch in car is actuated, car operates independently from car buttons only and hall calls are ignored.

G. Telephone Cabinet:

1. Cover made of same material as wall it is mounted in.
2. Include wiring connected to the car traveling cable.
3. Telephone: Hands-free design complying with ADAAG requirements.
4. Wire to PBX or Lobby Panel (as directed).

2.12 DOOR OPERATION

A. Door Control Features:

1. Electrically operated, quietly and smoothly operate car and hoistway doors.
   a. Doors manually operable in emergency.
2. Door control opens doors automatically when car arrives at landings in response to a normal hall or car call.
3. Re-opening Device/Safety:
   a. Purpose:

1) To stop and reopen the car and hoistway doors automatically should the doorway become obstructed by an object or person.

b. Primary Device:

1) 2-dimensional, multi-beam array projecting across the car door opening.

2) Normal Operation:

a) Detect object, 1-1/3 IN diameter or larger, between the car doors in the following detection zone; within 1 IN to 71 IN above the sill.

3) Degraded Conditions (one or more blocked or failed beams):

a) Detect object, 4 IN diameter or larger, in the same detection zone.

4) If the system performance is degraded to the point that the 4 IN object cannot be detected; maintain the doors in open position, or permit closing only by nudging force conditions.

c. Secondary Device:

1) 3-dimensional, triangular infrared multi-beam array projecting across the door opening and extending into the hoistway door zone.

2) Operation: Cause the doors to reopen when it detects a person or object in the area between the hoistway doors or the entryway area adjacent to the hoistway doors.

3) Secondary protection zone: Size varies with door positions.

4. Door nudging operation to occur if doors are prevented from closing for an adjustable period of time.

2.13 OPERATION AND LOGIC

A. General Operating Features:

1. Independent Service: When switch in car is actuated, car operates independently from car buttons only and hall calls are ignored.

2. Firefighters' Service Phase I and Phase II: Returns cars to designated floor by means of key operated switch located at a lobby designated by Fire Marshal.

3. Top of Car Inspection: Disable car when inspection switch is activated.

B. Simplex Collective Operation (1 car):

1. General Description:

a. Microprocessor-based controller.

b. Operation: Automatic by means of the car and hall buttons.

c. If calls in the system have been answered, the car shall park at the last landing served.

2. Operating Logic:

a. Momentary pressing of car or hall call buttons automatically starts car (assuming hoistway doors are shut).

b. Car stops automatically at first stop for which car or corridor button has been pressed, corresponding to direction in which car is traveling.

c. Car stops automatically, in order, at stops for which such stops have been registered.

d. Car, when traveling in UP direction, answers UP calls, but passes stops where DOWN calls have been placed (unless DOWN call is at highest stop for which any button has been pressed).

e. Pressing UP hall call button when car is traveling downward shall not intercept its travel, unless UP call is at floor for which lowest stop is registered.

f. When car has responded to its highest or lowest stop, and calls are registered for opposite direction, travel reverses automatically and answers those calls.

g. Should farthest stop in either direction be in response to corridor call, entering passenger at that floor may choose travel direction during predetermined period of time.

h. Should both UP and DOWN calls be registered at intermediate floor when car is traveling to floor beyond, reset only call corresponding to direction opposite to that which car is traveling.

i. Doors open only when stopping in response to calls.

2.14 EMERGENCY POWER OPERATION

A. Emergency power operation (manual):

1. Provide automatic override switching to lower 1 car at a time to lobby on emergency power.
2. After cars are lowered, select 1 car to operate on emergency power.
3. Provide manual strip switch on lobby floor panel for individual selection of elevators.
4. Contact on emergency switchgear to furnish signal through pair No. 12 wires to elevator controller that system is on emergency power.
5. Manufacturer may attempt to rescue elevators at same time if power requirement in DOWN direction is small enough.

2.15 EMERGENCY RETURN OPERATION (SELF-CONTAINED)

A. Emergency return operation:

1. Provide battery powered emergency return device to prevent passengers from being trapped in power outage.
2. When activated, car will return to Lobby floor and open doors.
3. Upon reaching Lobby, elevator will shut down and close doors.
4. Doors will be capable of operation from within car.
5. Power for emergency return power from suitable batteries automatically maintained at full charge with regulated charging voltage.

PART 3 - EXECUTION

3.1 INSPECTION

A. Take field dimensions and examine conditions of substrates, supports, and other conditions under which this work is to be performed.

B. Verify acceptability of machine rooms and hoistway to accept elevator and equipment.

C. Notify Contractor / Construction Manager of unsatisfactory conditions.

D. Do not proceed with work until unsatisfactory conditions are corrected.

E. Start of installation constitutes acceptance of conditions and responsibility for performance.

3.2 ERECTION

A. Erect sills, struts, hanger supports, hanger covers and unit frames, prior to erection of rough walls and set in proper relation to elevator car guides.

B. Provide protective covering for finished frame and door surfaces.

C. Projections into Hoistway exceeding 4 IN:

1. Coordinate location of 75 degree bevels to meet elevator code requirements.

D. If required provide stainless steel bevels. Coordinate installation of pit ladders ensuring that running clearances are maintained, location of ladder is optimal for servicing equipment, and in conformance with locally adopted codes.

3.3 GROUTING AND CONCRETE FILL

A. Grout:

1. Specified in Section 04 05 13.

B. Fully grout the following:

1. Sills and thresholds.

C. Do not grout frames at gypsum wall board partitions.

3.4 DEMONSTRATION

A. Assist Owner in inspection and certification of elevator.

B. Ensure that control systems and operating devices are functioning properly and conform to locally adopted codes.

C. Elevator manufacturer shall make a final check of each elevator operation with the Owner's representative prior to turning each elevator over for use.

D. Submit report to verify Owner has been instructed for inspection, certification, function and operation of each elevator.

END OF SECTION

ASSET	PAY ITEM NUMBER	CONSOLIDATED PAY ITEM CODE(S)	PAY ITEM AND GENERAL CONDITIONS	EST. QTY.	UNIT	PAY ITEM DESCRIPTION	METHOD OF MEASUREMENT AND PAYMENT	REFERENCE TECHNICAL SPECIFICATION SECTION
GENERAL	1	04.00.0010	MOBILIZATION	1	LS	MOBILIZATION SHALL INCLUDE PERFORMING PRELIMINARY OPERATIONS, INCLUDING MOVING PERSONNEL AND EQUIPMENT TO THE PROJECT SITE; PAYING BONDS AND INSURANCE PREMIUMS; FIELD VERIFYING EXISTING CONDITIONS; OBTAINING ALL NECESSARY PERMITS; IDENTIFYING AND LOCATING ALL UTILITIES; AND ESTABLISHING THE CONTRACTOR'S FACILITIES NECESSARY TO ALLOW WORK TO BEGIN ON THE CONTRACT.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER OR DESIGNEE. MOBILIZATION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE. THIS PRICE SHALL INCLUDE DEMOBILIZATION.	01 35 23, 01 53 00, 01 56 00, 01 61 00, 01 71 14, 01 73 10
GENERAL	2	04.00.0020	GENERAL CONDITIONS 1	25	MO	GENERAL CONDITIONS SHALL INCLUDE ALL ITEMS PERTINENT TO THE WORK THAT CAN NOT BE ASSIGNED TO OTHER PAY ITEMS OR MOBILIZATION, INCLUDING SUCH ITEMS BUT NOT LIMITED TO PROJECT MANAGEMENT AND COORDINATION; OVERHEAD AND PROFIT, CONSTRUCTION PHASING, CONTRACTOR'S MARKUPS ON SUBCONTRACTOR'S WORK, CONSTRUCTION PROGRESS DOCUMENTATION; JURISDICTIONAL PERMITS, HOST RAILROAD COORDINATION; SITE SAFETY AND SECURITY; TRACK MONITORING, QUALITY ASSURANCE AND QUALITY CONTROL; PROJECT EXECUTION; PROJECT CLOSEOUT; TEMPORARY FIELD OFFICE (CONTRACTOR AND CM) INCLUDING ITS FURNISHINGS, EQUIPMENT, AND UTILITIES; AND PREPARATION OF AS-BUILT DRAWINGS.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER OR DESIGNEE. GENERAL CONDITIONS WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE.	01 11 00, 01 25 00, 01 26 00, 01 29 00, 01 31 00, 01 32 00, 01 32 33, 01 33 00, 01 35 13, 01 35 23, 01 45 00, 01 50 00, 01 73 00, 01 77 00
GENERAL	3	04.40.0100	EROSION & SEDIMENT CONTROL	2.2	ACRE	EROSION AND SEDIMENT CONTROLS SHALL INCLUDE THE INSTALLATION AND MAINTENANCE, AS REQUIRED AND/ OR DIRECTED BY THE CITY INSPECTOR DURING CONSTRUCTION OF TEMPORARY STONE CONSTRUCTION ENTRANCE, SILT FENCE, SUPER SILT FENCE, SILT BAG INLET PROTECTION, MATTING, BLOCK AND GRAVEL INLET PROTECTION, TREE PROTECTION, BEST MANAGEMENT PRACTICE (BMP), TEMPORARY SEED, STABILIZATION MATERIALS AND SAFETY FENCE; AND TRENCH DRAIN EXCAVATION. EROSION AND SEDIMENTATION CONTROL SHALL ALSO INCLUDE REMOVAL AND DISPOSAL OF THE EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE COMPLETION OF CONSTRUCTION AND STABILIZATION OF ALL AREA DISTURBED BY CONSTRUCTION WITH PERMANENT SEED AND A HEALTHY STAND OF GRASS COVER AS DETERMINED BY THE CONSTRUCTION MANAGER .	EROSION AND SEDIMENTATION CONTROL SHALL BE MEASURED AT THE CONTRACT UNIT PRICE PER ACRE OF DISTURBANCE WITHIN THE LIMITS OF DISTURBANCE AS DEFINED BY THE PLANS. EROSION AND SEDIMENTATION CONTROL WILL BE PAID AT THE CONTRACT UNIT PRICE PER ACRE OF DISTURBANCE.	31 10 00, 31 22 00, 31 23 00, 31 23 33, 31 25 00, 32 91 13, 32 92 00
PLATFORM	4	04.40.0200	SITEWORK [SITE/CIVIL & DRAINAGE]	1	LS	SITEWORK SHALL INCLUDE CONSTRUCTION SURVEYING, MAINTENANCE OF TRAFFIC, SELECTIVE SITE DEMOLITION, CLEARING AND GRUBBING, TREE REMOVAL, EARTHWORK INCLUDING EXCAVATION, DEWATERING, GRADING, SUBBASE MATERIAL, BACKFILLING, AND TESTING NECESSARY FOR PROPOSED CONSTRUCTION; DUST CONTROL, EXISTING UTILITY TEST PITS, DISCONNECTS AND/OR SHUTOFFS, AND LEGALLY DISPOSING OF CLEARED AND GRUBBED MATERIAL, EXCESS MATERIAL (SOILS) TESTING AND ONSITE DISPOSAL. MILL EXISTING ASPHALT PAVEMENT, NEW CONCRETE SIDEWALKS, STEPS, CURBS AND RAMPS, RE-STRIPING OF PARKING AREAS, LANDSCAPING, MAINTENANCE OF UTILITIES, TRENCHING, AND EXCAVATION SUPPORT AND PROTECTION. SITE UTILITIES INCLUDING STORM DRAIN AND STEEL PIPING, STORM STRUCTURES, TRENCH DRAIN, UTILITY TRENCHING AND INSTALLATION.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. SITE WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	02 41 00, 07 18 00, 31 10 00, 31 23 00, 31 23 16, 31 23 33, 32 12 16, 32 16 23, 32 91 13, 32 92 00, 33 05 07, 33 05 07.23, 33 10 10, 33 40 00, 33 41 00, 33 42 36
PLATFORM	5	04.40.0300	SUPPORT OF EXCAVATION/ TEMPORARY WORKS	1	LS	SUPPORT OF EXCAVATION SHALL INCLUDE OF FURNISHING MATERIAL FOR AND CONSTRUCTING A SUPPORT OF EXCAVATION SHEET PILE WALL AS SHOWN ON THE PLANS; PAY ITEM SHALL INCLUDE STRUCTURAL STEEL, EXCAVATING, BACKFILLING, AND INCIDENTALS NECESSARY TO CONSTRUCT AND REMOVE SHEET PILE SUPPORT OF EXCAVATION.	SUPPORT OF EXCAVATION (SHEET PILE & WALERS) WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	31 23 00, 31 23 16, 31 23 33, 31 50 00, 31 62 16
PLATFORM	6	04.20.0140	STAIRS ON GRADE	520	SF	STAIRS ON GRADE SHALL INCLUDE OF REMOVAL AND INSTALLATION OF STAIRS, INCLUDING DEMOLISH AND DISPOSE OF MATERIAL, REMOVE PAINT, EARTH WORK, SETTING FORMS, PLACING CONCRETE, REINFORCING STEEL, GRANITE FINISHING, BRICK FACING, PAINT, HANDRAIL, CONSTRUCTING JOINTS, JOINT SEALANT, CURING, AND PROTECTION.	STAIRS ON GRADE WILL BE MEASURED IN SQUARE FEET AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT	02 41 00, 03 15 23, 03 21 00, 03 31 30, 03 31 31, 03 35 00, 05 73 00, 31 23 00, 31 23 33
PLATFORM	7	04.20.0300	ELEVATOR TOWER	2	EA	ELEVATOR TOWER SHALL INCLUDE FURNISHING AND CONSTRUCTION OF THE TOWER AND ELEVATOR MACHINE ROOM AND ALL SYSTEMS REQUIRED FOR OPERATION AS SHOWN ON THE PLANS. CONSTRUCTION INCLUDES ALL LABOR, EQUIPMENT, CONCRETE AND REINFORCING, STRUCTURAL STEEL, NON-STRUCTURAL STEEL, CONCRETE MASONARY UNIT (CMU), PRECAST CONCRETE PANEL, WIRE MESH ARCHITECTURAL TREATMENTS, STONE CLADDING, BRICK VENEER, GUTTERS AND DOWNSPOUTS, PLUMBING, ELECTRICAL, ROOFING, LOUVERS, FIRE STOPPING, FIRE AND HEAT DETECTION, SUMP PUMP, DOORS AND HARDWARE, CAST IRON FENCE AND INCIDENTALS FOR COMPLETE INSTALLATION. INSTALLING/REMOVING FORMWORK; FINISHING; DEWATERING, CURING AND PROTECTION.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. NEW STAIR/ELEVATOR TOWER WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH.	03 05 05, 03 09 00, 03 11 13, 03 21 00, 03 31 30, 03 31 31, 03 35 00, 04 22 00, 04 42 00, 05 12 00, 07 11 16, 07 13 26, 07 14 13, 07 14 16, 07 17 21, 07 19 16, 07 21 00, 07 27 43, 07 27 46, 07 61 13, 07 62 00, 07 84 00, 07 92 13, 07 92 16, 07 95 14, 08 11 13, 08 70 00, 22 11 13, 26 05 00, 28 31 00
PLATFORM	8	04.20.0500	ELEVATOR	2	EA	ELEVATOR SHALL INCLUDE FURNISHING AND INSTALLATION OF HYDRAULIC PASSENGER ELEVATOR AND ALL SYSTEMS REQUIRED FOR OPERATION PER CODE. WARRANTY AND TWO (2) YEARS MAINTENANCE. HVAC EQUIPMENT FOR ELEVATOR MACHINE ROOM.	ELEVATOR SHALL BE MEASURED IN UNITES OF EACH, COMPLETE AND IN PLACE AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH.	14 24 23, 28 31 00
PLATFORM	9	04.20.1200	STATION REHABILITATION EAST PLATFORM	10,394	SF	PLATFORM REHABILITATION EAST PLATFORM SHALL INCLUDE SHALL INCLUDE POURED CONCRETE SLAB. PRICE SHALL INCLUDE REMOVAL AND REPLACEMENT OF EXISTING CONCRETE PLATFORM, INCLUDING SAW CUT EXISTING FOUNDATION. REMOVAL AND DISPOSAL OF THE EXISTING TACTILE WARNING SURFACE AND FURNISHING AND INSTALLING PLATFORM GUARDRAIL; SURFACE APPLIED DETECTABLE TACTILE WARNING SURFACE INCLUDING JOINT SEALANT AND RUB BOARD ON ALL EDGES ALONG THE EDGE OF THE PLATFORM AS SHOWN ON THE PLANS FOR THE EAST PLATFORM.	PLATFORM REHABILITATION WILL BE MEASURED IN SQUARE FEET AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT	01 73 10, 02 41 00, 03 05 05, 03 09 00, 03 11 13, 03 15 23, 03 21 00, 03 31 30, 03 31 31, 03 35 00, 03 41 33, 05 73 00, 06 44 43, 06 64 00, 09 30 00, 09 67 83, 09 91 10, 09 96 00, 10 14 23, 10 14 43, 32 16 26

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SITE PLAN NO. DSP 2019-0031

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CHAIRMAN, PLANNING COMMISSION DATE

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INSTRUMENT NO. DEED BOOK NO. PAGE NO.

DATUM:
(HZ) NAD 83
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REV.NO.	DATE	DESCRIPTION
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1	07/28/2025	ADDENDUM NO. 4

DESIGNED BY: RCV
DRAWN BY: NME
CHECKED BY: WH
DATE: 5/30/2025

COMMONWEALTH OF VIRGINIA
KENNEDY KYEI-MENSAH
Lic. No. 0402051019
5/30/2025
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CONSTRUCTION OF THE ALEXANDRIA STATION IMPROVEMENTS AND BRIDGE REPLACEMENT

PAY ITEM SUMMARY - 1 OF 3

IFB NO: 025-013
DRAWING NO: G-011
SCALE: NTS
SHEET NO: 11 OF 426

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ASSET	PAY ITEM NUMBER	CONSOLIDATED PAY ITEM CODE(S)	PAY ITEM AND GENERAL CONDITIONS	EST. QTY.	UNIT	PAY ITEM DESCRIPTION	METHOD OF MEASUREMENT AND PAYMENT	REFERENCE TECHNICAL SPECIFICATION SECTION
KING ST. BRIDGE	18	04.40.0210	TRACK ROADBED	1	LS	TRACK ROADBED SHALL INCLUDE PEDESTRIAN BARRICADES & DETOURS, ASPHALT PAVING, CROSSING SURFACE (TIMBER OR CONCRETE FOR TEMPORARY CROSSING), SUBBALLAST, AND 6" OF STOCK PILE BALLAST.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. SITE PREPARATION AND EARTHWORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	31 10 00,31 20 10, 31 23 33, 31 50 00, 32 12 16, 34 11 00
KING ST. BRIDGE	19	04.40.0311	TRACK ROADWAY TEMPORARY PLATFORM (NORTH)	1	LS	TRACK ROADWAY TEMPORARY PLATFORM (NORTH) SHALL INCLUDE FOUNDATIONS, SUBSTRUCTURE, SUPERSTRUCTURE, AND APPURTENANCES FOR TEMPORARY PLATFORM TO MAINTAIN PASSENGER SERVICE.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. TEMPORARY PLATFORM (NORTH) WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	32 10 00,31 20 10, 31 23 33, 31 50 00, 32 12 16, 34 11 00
KING ST. BRIDGE	20	04.10.0100	SUPERSTRUCTURE	1	LS	SUPERSTRUCTURE SHALL INCLUDE SUPERSTRUCTURE - STEEL SUPERSTRUCTURE; BEARING AND ANCHORAGE; DISC BEARINGS; BRIDGE WATERPROOFING; WATER REPELLENT; BRIDGE WALKWAY; BRIDGE HANDRAIL; AND BRIDGE LIGHTING - UNDERPASS LIGHTING, LIGHTING POLE RELOCATION/REPLACEMENT	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. SUPERSTRUCTURE WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	01 53 00, 02 41 00, 03 09 00, 03 15 19, 03 21 00, 03 31 31, 03 41 33, 05 12 00, 05 21 00, 05 30 00, 05 50 00, 05 51 36, 05 52 00, 05 53 00, 07 19 16, 26 56 00, 31 40 00, 31 37 00, 31 23 24, 32 34 33, 34 72 23
KING ST. BRIDGE	21	04.10.0220	FOUNDATIONS & EARTHWORK	1	LS	FOUNDATIONS AND EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING; SEEDING AND MULCHING. EARTHWORK INCLUDING UNCLASSIFIED EXCAVATION, CLEAN SOIL DISPOSAL LANDFILL FEE, EMBANKMENT AT BRIDGE ABUTMENTS, AND RIP RAP; FLOWABLE FILL. PIPES AND CULVERTS SHALL INCLUDE FURNISH AND INSTALL CORRUGATED METAL PIPE CULVERT. SUBSTRUCTURE - CAST-IN-PLACE CONCRETE; REINFORCING STEEL; PRECAST CONCRETE BENT CAP, MICROPILES; MICROPILES VERIFICATION LOAD TEST, INCIDENTAL CONSTRUCTION - DEMOLISH AND REMOVE EXISTING STRUCTURE	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER .FOUNDATIONS AND EARTHWORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	02 41 00, 02 41 16.33, 31 10 00, 31 11 00, 31 20 00, 31 23 33, 31 37 00, 31 50 10, 31 62 18
KING ST. BRIDGE	22	04.40.0310	TRACK ROADWAY SUPPORT OF EXCAVATION	1	LS	TRACK ROADWAY SUPPORT OF EXCAVATION (SOE) SHALL INCLUDE JUMP SPANS TO MAINTAIN TRAFFIC FLOW; TEMPORARY PLATFORM TO MAINTAIN PASSENGER SERVICE; SUBSTRUCTURE – STRUCTURAL EXCAVATION (SOE) SYSTEMS; SHORING SYSTEMS; SUPERSTRUCTURE – TEMPORARY SUPPORTS; FALSEWORK; SCAFFOLDING; INCIDENTAL CONSTRUCTION – TRAFFIC CONTROL MEASURES INCLUDING TEMPORARY SIGNAGE, BARRIERS, AND DETOURS;	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. TRACK ROADWAY SUPPORT OF EXCAVATION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	31 23 16, 31 23 33, 31 40 00, 31 50 00, 31 62 16
COMMONWEALTH AVE. BRIDGE	23	04.40.0210	TRACK ROADBED	1	LS	TRACK ROADBED SHALL INCLUDE PEDESTRIAN BARRICADES & DETOURS, ASPHALT PAVING, CROSSING SURFACE (TIMBER OR CONCRETE), SUBBALLAST, AND STOCK PILE BALLAST.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. TRACK ROADBED WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	31 10 00, 31 20 10, 31 23 33, 31 50 00, 32 12 16, 34 11 00
COMMONWEALTH AVE. BRIDGE	24	04.40.0311	TRACK ROADWAY TEMPORARY PLATFORM (SOUTH)	1	LS	TRACK ROADWAY TEMPORARY PLATFORM (SOUTH) SHALL INCLUDE FOUNDATIONS, SUBSTRUCTURE, SUPERSTRUCTURE, AND APPURTENANCES FOR TEMPORARY PLATFORM TO MAINTAIN PASSENGER SERVICE.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. TEMPORARY PLATFORM (SOUTH) WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	32 10 00,31 20 10, 31 23 33, 31 50 00, 32 12 16, 34 11 00
COMMONWEALTH AVE. BRIDGE	25	04.10.0100	SUPERSTRUCTURE	1	LS	SUPERSTRUCTURE SHALL INCLUDE SUPERSTRUCTURE - STEEL SUPERSTRUCTURE; BEARING AND ANCHORAGE; BRIDGE WATERPROOFING; WATER REPELLENT; BRIDGE WALKWAY; BRIDGE HANDRAIL; INCIDENTAL CONSTRUCTION - MODIFY EXISTING BRIDGE, DEMOLISH AND REMOVE EXISTING STRUCTURE, AND BRIDGE LIGHTING - UNDERPASS LIGHTING	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. SUPERSTRUCTURE WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	01 53 00, 02 41 00, 03 09 00, 03 15 19, 03 21 00, 03 31 31, 03 41 33, 05 12 00, 05 21 00, 05 30 00, 05 50 00, 05 51 36, 05 52 00, 05 53 00, 07 19 16, 26 56 00, 31 40 00, 31 37 00, 31 23 24, 32 34 33, 34 72 23
COMMONWEALTH AVE. BRIDGE	26	04.10.0220	FOUNDATIONS & EARTHWORK	1	LS	FOUNDATIONS AND EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING; SEEDING AND MULCHING. EARTHWORK INCLUDING UNCLASSIFIED EXCAVATION, CLEAN SOIL DISPOSAL LANDFILL FEE, EMBANKMENT AT BRIDGE ABUTMENTS, AND RIP RAP; FLOWABLE FILL. PIPES AND CULVERTS SHALL INCLUDE FURNISH AND INSTALL CORRUGATED METAL PIPE CULVERT. SUBSTRUCTURE - CAST-IN-PLACE CONCRETE; REINFORCING STEEL; PRECAST CONCRETE BENT CAP, MICROPILES; MICROPILES VERIFICATION LOAD TEST, INCIDENTAL CONSTRUCTION - DEMOLISH AND REMOVE EXISTING STRUCTURE	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. FOUNDATIONS AND EARTHWORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	02 41 00, 02 41 16.33, 31 10 00, 31 11 00, 31 20 00, 31 23 33, 31 37 00, 31 50 10, 31 62 18
COMMONWEALTH AVE. BRIDGE	27	04.40.0310	TRACK ROADWAY SUPPORT OF EXCAVATION	1	LS	TRACK ROADWAY SUPPRORT OF EXCAVATON (SOE) SHALL INCLUDE JUMP SPANS TO MAINTAIN TRAFFIC FLOW; TEMPORARY PLATFORM TO MAINTAIN PASSENGER SERVICE; SUBSTRUCTURE – STRUCTURAL EXCAVATION (SOE) SYSTEMS; SHORING SYSTEMS; SUPERSTRUCTURE – TEMPORARY SUPPORTS; FALSEWORK; SCAFFOLDING; INCIDENTAL CONSTRUCTION – TRAFFIC CONTROL MEASURES INCLUDING TEMPORARY SIGNAGE, BARRIERS, AND DETOURS	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. TRACK ROADWAY SUPPORT OF EXCAVATION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE	31 23 16, 31 23 33, 31 40 00, 31 50 00, 31 62 16
COMMONWEALTH AVE. BRIDGE	28	04.10.0221	NORTH ABUTMENT CRACK AND SURFACE REPAIRS	855	SF	NORTH ABUTMENT CRACK AND SURFACE REPAIRS SHALL INCLUDE REPAIR CRACKS IN EXISTING CONCRETE ELEMENTS BY USING CRACK REPAIR TYPE B (EPOXY INJECTION) OR CRACK REPAIR TYPE C (GRAVITY FILLED POLYMER SEALING), CLEAN EXISTING CONCRETE SURFACES SCHEDULED TO RECEIVE CONCRETE PROTECTIVE COATINGS, APPLY A CORROSION INHIBITING IMPREGNATION COATING, AND APPLY A DECORATIVE CONCRETE PROTECTIVE COATING	NORTH ABUTMENT CRACK AND SURFACE REPAIRS WILL BE MEASURED IN SQUARE FEET AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT	03 01 03, 03 01 30, 03 35 00, 03 64 23
GENERAL	29	04.00.0100	PARTNERING MEETINGS	1	AL	PARTNERING SHALL INCLUDE ALL LABOR, MATERIALS, FACILITATOR FEES, TRAVEL, SUPPLIES, AND ADMINISTRATIVE COSTS REQUIRED TO PLAN AND IMPLEMENT A FORMAL PARTNERING PROGRAM INCLUDING AN INITIAL DEVELOPMENT MEETING AND SUBSEQUENT WORKSHOPS WITH VRE, CSX, VPRA, THE CM, DESIGN ENGINEER, AND CONTRACTOR. MEETINGS SHALL BE HELD OFF-SITE AND COORDINATED BY THE FACILITATOR.	PAYMENT SHALL BE MADE UNDER AN ALLOWANCE FOR UP TO 50% OF INCURRED COSTS, NOT TO EXCEED $50,000, WITH ITEMIZED RECEIPTS REQUIRED FOR REIMBURSEMENT.	01 31 20

1

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DEPARTMENT OF PLANNING & ZONING
DIRECTOR DATE
DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES
SITE PLAN NO. DSP 2019-0031
DIRECTOR DATE
CHAIRMAN, PLANNING COMMISSION DATE
DATE RECORDED
INSTRUMENT NO. DEED BOOK NO. PAGE NO.

DATUM:
(HZ) NAD 83
(VT) NAVD 88

REV.NO.	DATE	DESCRIPTION
0	05/30/2025	INVITATION FOR BIDS
1	07/28/2025	ADDENDUM NO. 4

DESIGNED BY: RCV
DRAWN BY: NME
CHECKED BY: WH
DATE: 5/30/2025

VRE

COMMONWEALTH OF VIRGINIA
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5/30/2025

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CONSTRUCTION OF THE ALEXANDRIA STATION IMPROVEMENTS AND BRIDGE REPLACEMENT

PAY ITEM SUMMARY - 3 OF 3

IFB NO: 025-013
DRAWING NO: G-013
SCALE: NTS
SHEET NO: 13 OF 426

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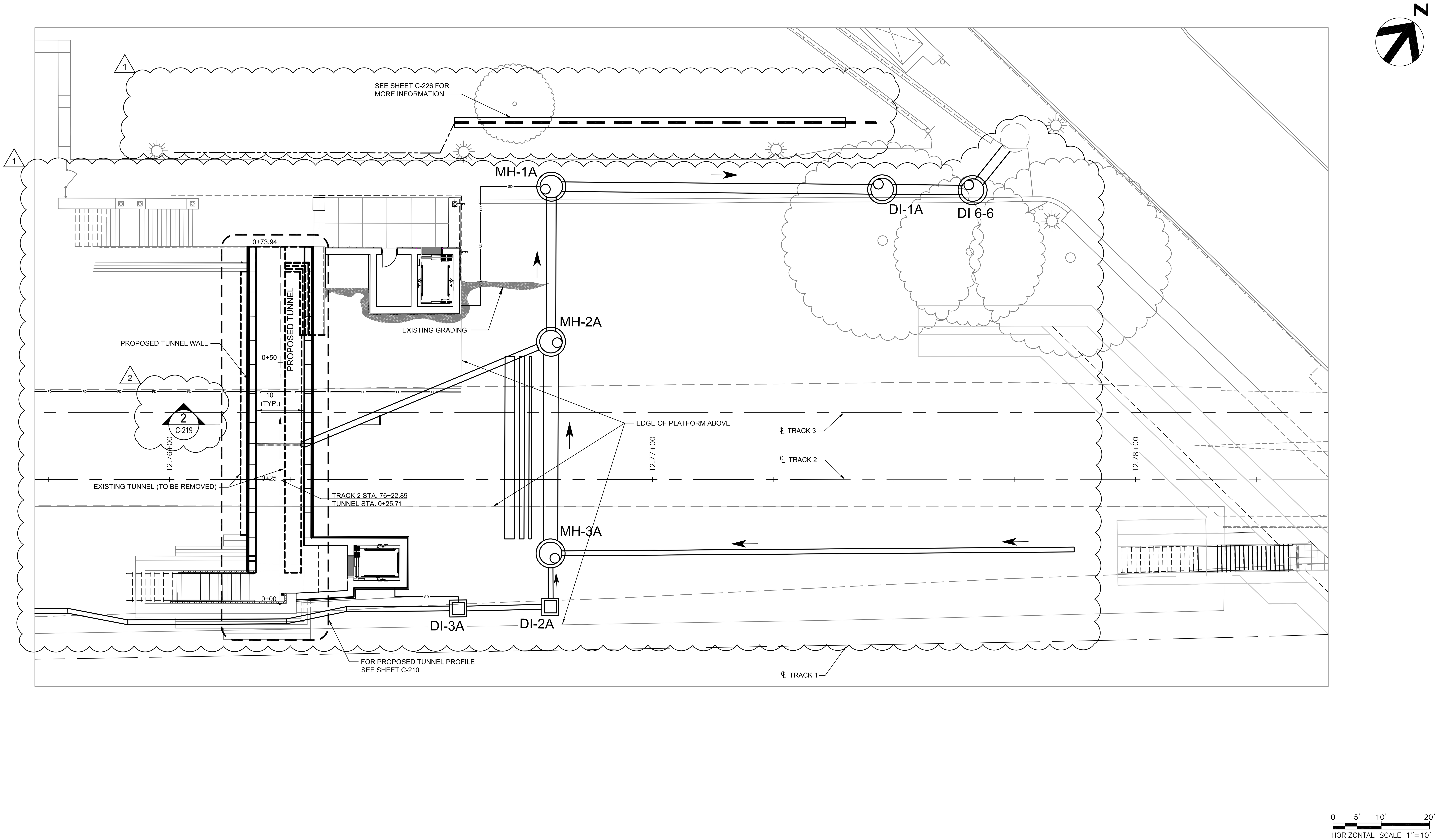

REV.NO.	DATE	DESCRIPTION
0	05/30/2025	INVITATION FOR BIDS
1	07/11/2025	ADDENDUM NO. 1
2	07/28/2025	ADDENDUM NO. 4

DESIGNED BY: OM
DRAWN BY: OM
CHECKED BY: WH
DATE: 5/30/2025

COMMONWEALTH OF VIRGINIA
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CONSTRUCTION OF THE ALEXANDRIA STATION IMPROVEMENTS AND BRIDGE REPLACEMENT

PROPOSED TUNNEL SITE PLAN

IFB NO: 025-013
DRAWING NO: C-217
SCALE: 1" = 10'
SHEET NO: 52 OF 426

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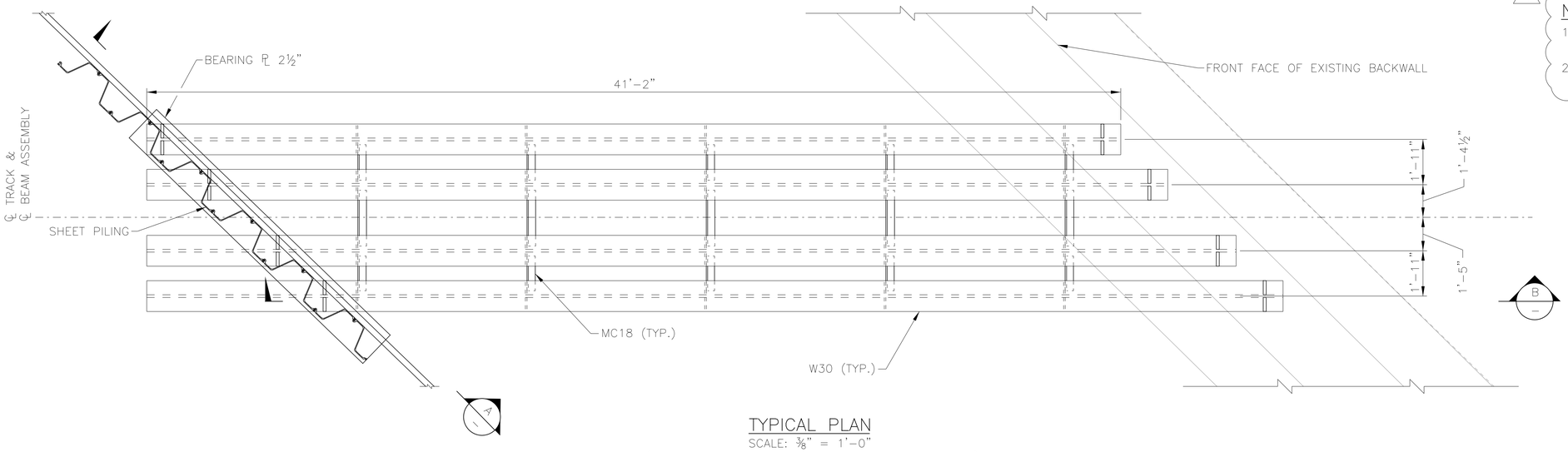


TYPICAL PLAN

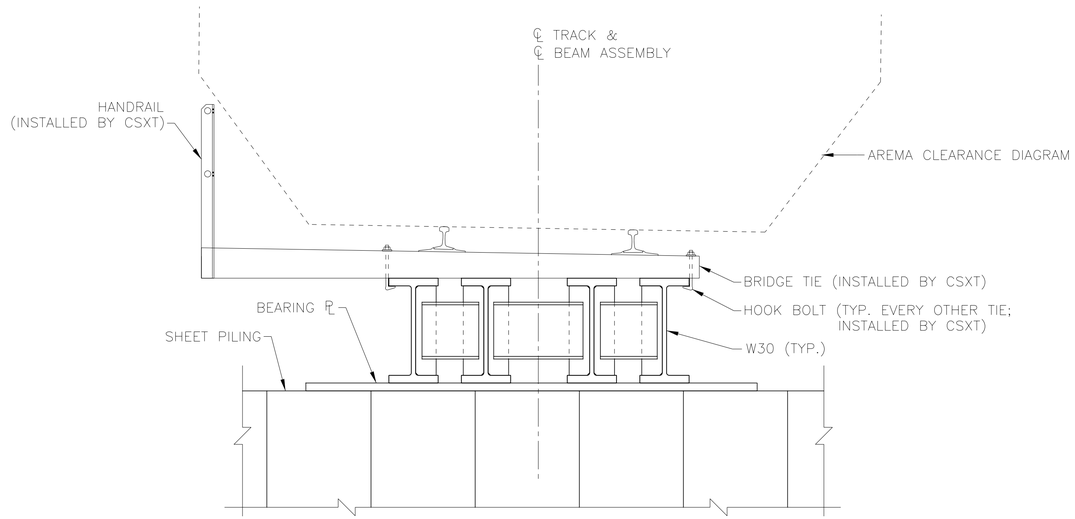
SCALE: ⅜" = 1'-0"

(RAIL, TIES, CAP, AND PILE NOT SHOWN FOR CLARITY)

1

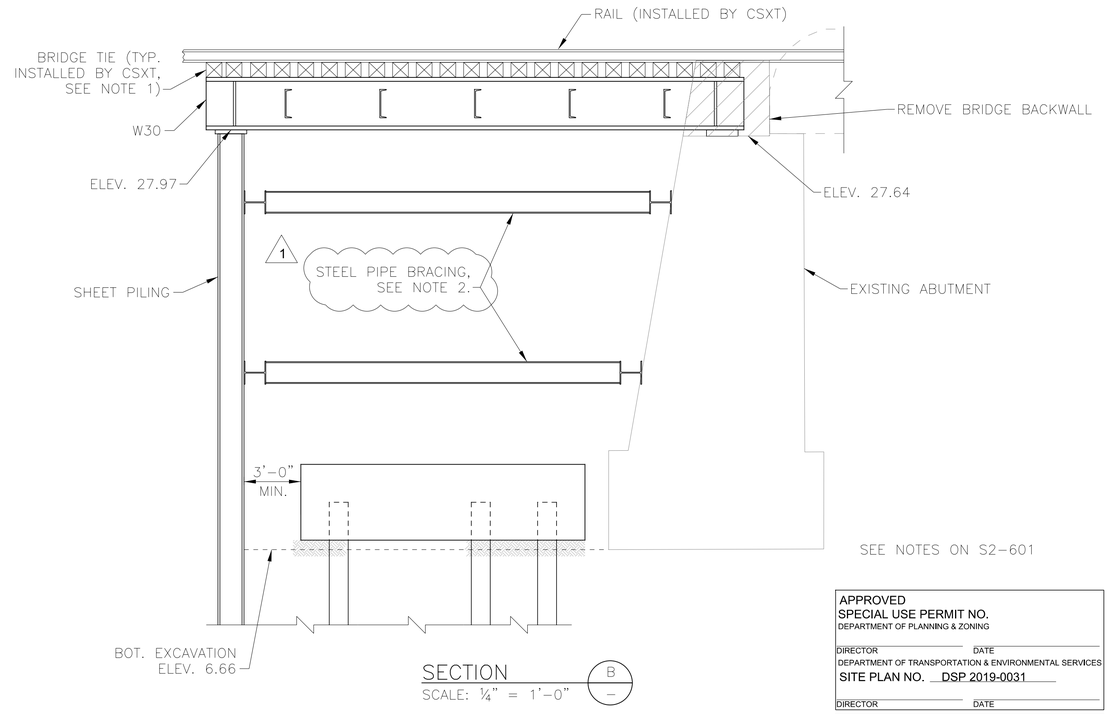
NOTES

1. PROVIDE SPACER TIES AS NECESSARY TO PREVENT MATERIAL SPILL THROUGH.
2. ADJUST BRACING LOCATION AS NECESSARY FOR ABUTMENT CONSTRUCTION.



SECTION A

SCALE: ½" = 1'-0"



SECTION B

SCALE: ¼" = 1'-0"

SEE NOTES ON S2-601

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VRE™

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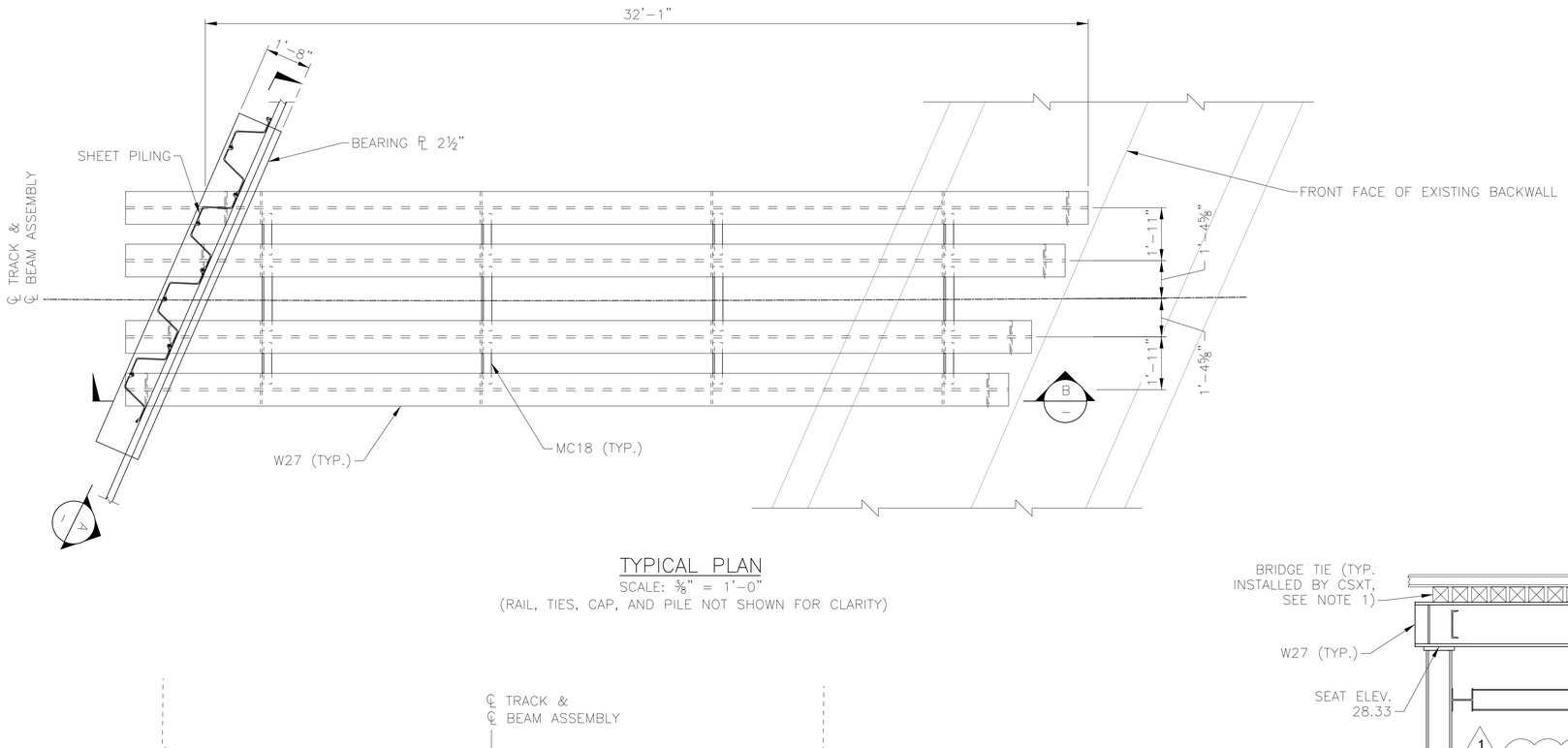
CONSTRUCTION OF THE ALEXANDRIA STATION IMPROVEMENTS AND BRIDGE REPLACEMENT

KING ST JUMP SPAN PLAN AND ELEVATION

IFB NO: 025-013
DRAWING NO: S2-602
SCALE: AS SHOWN
SHEET NO: 215 OF 426

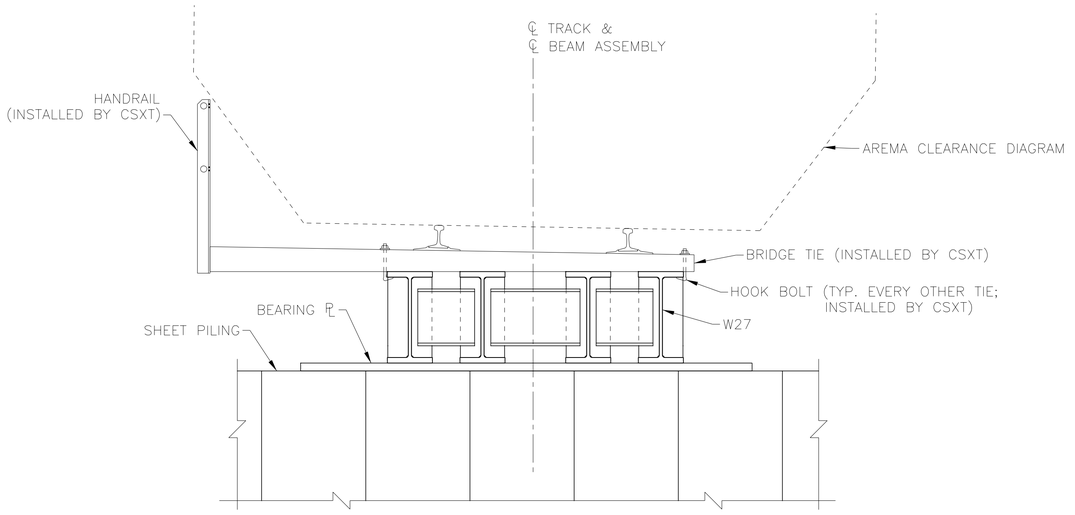
FILENAME: ...\CFP-105.30-JP01.dgn DATE: 7/21/2025



TYPICAL PLAN

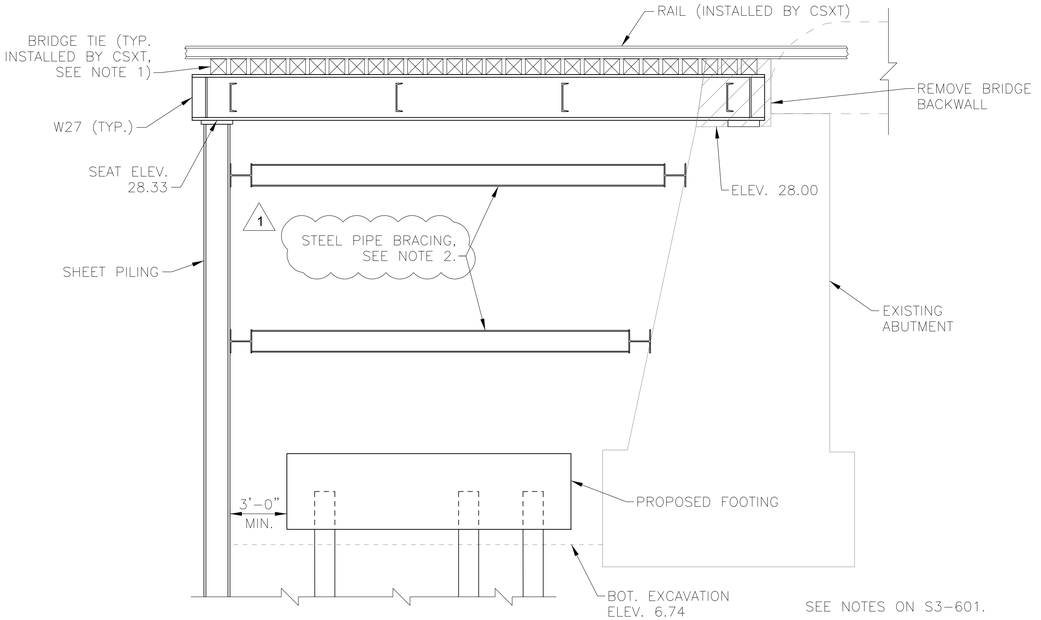
SCALE: ⅜" = 1'-0"

(RAIL, TIES, CAP, AND PILE NOT SHOWN FOR CLARITY)



SECTION A

SCALE: ½" = 1'-0"



SECTION B

SCALE: ⅜" = 1'-0"

1

NOTES

1. PROVIDE SPACER TIES AS NECESSARY TO PREVENT MATERIAL SPILL THROUGH.
2. ADJUST BRACING LOCATION AS NECESSARY FOR ABUTMENT CONSTRUCTION.

SEE NOTES ON S3-601.

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CONSTRUCTION OF THE ALEXANDRIA STATION IMPROVEMENTS AND BRIDGE REPLACEMENT

COMMONWEALTH AVE JUMP SPAN PLAN AND ELEVATION

IFB NO: 025-013
DRAWING NO: S3-602
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SHEET NO: 250 OF 426

FILENAME: ...\CFP-105.37-JP01.dgn DATE: 7/21/2025