

**NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING**

**ALBANY, NY
AUGUST 8, 2024**

**AMENDMENT NO. 1
TO**

**CONTRACT TAS 24-27B
D214986
REPLACEMENT OF TOWN LINE ROAD
BRIDGE OVER NYS THRUWAY (I-90)
AT MILEPOST 280.31
IN THE SYRACUSE DIVISION
OF THE NEW YORK STATE THRUWAY
IN ONONDAGA COUNTY**

**IN THE LETTING OF
AUGUST 21, 2024**

NOTE: This amendment shall be attached to and become a part of the Proposal for Contract **TAS 24-27B**.

NOTICE

For Electronic Bidders, the Project's amended EBSX file will automatically account for any necessary item changes (deletions, changes in quantities, or additions) that this Amendment may describe as being required regarding the project's estimated cost. Instructions to make physical changes to the Project Proposal's bid sheets are intended for "paper" Bidders who choose to submit bids via paper.

Questions and Answers for this project are available from the Authority's website, specifically at: http://www.thruway.ny.gov/netdata/contractors/documents/d214986_tas24-27b_questions-and-answers-08-07-2024.pdf. This document may be updated periodically without formal issuance of an Amendment. Prospective bidders are advised to revisit this link weekly and before proposals are due, for any possible additional questions and answers information.

Additional Supplemental Information for this project is now available from the Authority's website, specifically at: http://www.thruway.ny.gov/netdata/contractors/documents/d214986_tas24-27b_supplemental-information-08-08-2024.zip

The workup for the newly added Item 567.60 is now available and is being provided as additional supplemental information. The workups for the 617 series items were already previously provided.

PROPOSAL

1. **ADD** the following Items:

<u>Contract Proposal Page</u>	<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>
176A-A1	567.60	Armorless Bridge Joint System	LF	134
176A-A1	617.01020024	Controlling Invasive Plant Species by Pulling	SF	543
176A-A1	617.10000024	Disposal of Material Containing Plant Species	CY	21
176A-A1	617.11000024	Equipment Cleaning for invasive Plant Species	LS	1

The Bidder must **RETURN THE ATTACHED PAGE 176A-A1** with its bid for this Contract.

2. **ADD** the attached Contract Proposal pages **30A-A1 through 30D-A1**. The special specifications for the three invasive plant species related (617 series) items added above are now available.

PLANS

3. **DELETE** Drawing Number ST-44, Sheet 84 of 96, and **SUBSTITUTE** with the attached Drawing Number ST-44, Sheet 84-A1 of 96. Detail “A” now references (the newly added) Item 567.60, Armorless Bridge Joint System, previous Note 4 has been deleted, previous Note 6 has been modified and the remaining notes have been renumbered.

The Bidder **MUST** complete **Page 190** of the Proposal acknowledging receipt of this amendment. If the Bidder fails to complete the “Amendment Acknowledgement” sheet, his bid could be declared informal thereby delaying award of the contract.

PLEASE BE GOVERNED ACCORDINGLY WHEN SUBMITTING BIDS.

Brent E. Howard, P.E.
Chief Engineer

ITEM 617.ABCD0024 - CONTROLLING INVASIVE PLANT SPECIES

DESCRIPTION. This work shall consist of control and disposal of identified invasive species and disposal of infested soil in accordance with the contract documents and as directed by the Engineer.

The work described is to control the spread and/or re-growth of invasive species. Specific control methods to be used are identified in either a special note in the contract proposal or notes on contract plans. The note(s) shall be titled *Controlling Invasive Plant Species*.

MATERIALS.

Herbicide: EPA/NYSDEC Label-approved herbicide conforming to §713-13 *Pesticides*. Surfactants added to increase the effectiveness of the herbicide may be used, in accordance with manufacturers' labels. Tracer dye shall be used in herbicide mixes to aid in identifying application coverage. Additional permitting from regulatory agencies may be required prior to application.

CONSTRUCTION DETAILS.

The work shall be performed in accordance with the requirements of the special note in the project proposal or notes on the contract plans. Notes will be titled *Controlling Invasive Plant Species*.

Site Preparation. Refer to the Special Note for specific control methods of targeted invasive species.

Controlling Invasive Plant Species. Three methods are described:

1. Pulling.

- a Contractor shall hand-pull, or remove using hand tools, all stems and associated roots within the designated areas shown in the contract documents at the times specified.
- b All plant parts shall be carefully placed in black plastic bags (4 mil minimum) and securely tied or sealed.
- c Care shall be taken in pulling stems to remove as much of the root mass as possible.
- d Supplemental digging using hand tools to remove roots/ rhizomes or herbicide treatment may be required. Refer to the Special Note entitled *Controlling Invasive Plant Species*.
- e Plant material shall be treated and/or transported in accordance with *Disposal of Material*.

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- a Mechanical methods may be used to remove plant material.
- b Removal perimeter shall extend no less than 16 ft beyond the leading edge of the invasive species stand.
- c Excavation shall extend to a minimum depth of 6 ft below proposed final grade.
- d Excavated area shall be backfilled with uncontaminated suitable material.
- e Excavated material shall be treated and/or transported according to *Disposal of Material*.

3. Herbicide Application.

- a The herbicide applicator shall be a NYSDEC Certified Commercial Pesticide Applicator. In planning the use of herbicides to control invasive species, the Contractor and Certified Pesticide Applicator shall ensure that herbicides used are labeled for the target species- through the pesticide label or through the unlabeled pest process.
- b Herbicide shall be applied by hand-sprayer, back-pack, wick application, stem injection or herbicide clippers.
- c Site preparation for herbicide application shall include cutting dormant stalks and actively growing plants approximately 4 weeks prior to first annual treatment.
- d Contractor shall be responsible for all public notification and posting requirements.

Disposal of Material. Cut plant material shall be placed in (4 mil minimum thickness) black plastic bags for transportation out of the area. Bags shall be securely tied or sealed. Soil containing seeds, roots and/or rhizomes shall be wrapped in black plastic sheeting (4 mil minimum thickness) and transported in a manner which prevents the spread of the contaminated material during transport. Acceptable disposal methods can be one of the following:

- *Bury* - Soil containing invasive plant material shall be buried either in an excavated pit or fill section, covered with at least 6 ft of uncontaminated fill material (eg: embankment in place, topsoil, etc.) Soil containing invasive plant material shall not be buried within 100 ft of a water body (including wetlands). Disposal of surplus excavated material generated from this disposal method shall be at no additional cost to the State.
- *NYSDEC Quarry/ Mine Reclamation* - Where feasible and accessible, material shall be transported to an approved quarry/ mine accepting invasives-contaminated fill material.
- *Landfill/ Incinerator* - Plant material or spoil containing invasive plant material shall be disposed of in a municipal solid waste management facility or incinerator that is operated under current 6 NYCRR Part 360 regulations.
- *Approved NYSDOT disposal facility* - Where available, plant material or spoil containing invasive plant material may be disposed of in regional invasive

ITEM 617.ABCD0024 - CONTROLLING INVASIVE PLANT SPECIES

species disposal facilities as identified in the contract documents.

Stockpiling and stockpile location(s) of soil containing invasive plant material shall be approved by the Engineer. Invasive species spoil stockpiled on site shall be identified as such so not to be inadvertently used in a manner that is not consistent with *Disposal of Material*. Stockpiles shall be stabilized to prevent erosion and transport of invasive material. Stockpiling shall be at no cost to the State.

The Contractor shall identify the disposal location(s) and obtain approval from the Engineer at least 5 calendar days prior to disposal.

Equipment Cleaning. Equipment used in areas containing invasive plant species shall be power-washed (1000 psi minimum) and cleaned with clean water (without using cleaning soaps or chemicals) before leaving the invasive control/removal area to prevent the spread of seeds, roots, or other viable plant parts. Water may be supplied by a municipal water source or may be pumped from an on-site or local surface water source. If water is drawn from a local water source, to protect aquatic life, there shall not be any loss of water elevation at the site of withdrawal or immediately downstream of the site. Withdrawal from surface waters may be subject to USACOE, NYSDEC and other regulations. Equipment cleaning stations shall include either a constructed cleaning station conforming to §209-3.09 *Construction Entrances* or a portable commercial cleaning station with a rack. Loose plant and soil material that has been removed from clothing, boots and equipment, or generated from cleaning operations, including constructed cleaning station material after use, shall be disposed of as described in *Disposal of Material*. If sufficient space is not available or precluded by terrain to provide a cleaning station on site, upon approval by Engineer, equipment used within an infested area may be power-washed adjacent to the invasive control/removal area, provided that the wash water (including spray) does not discharge within 100 ft of any stream, existing or proposed wetland, or stormwater conveyance (eg: ditch, catch basin, etc). If upon completion of construction, the area remains infested with invasive plants, the invasive material generated may remain in the infested area.

Care of Controlled Areas During Construction. The Department will inspect all treated areas approximately every 4 weeks during the growing season (or during the following growing season for fall applications if contract continues into the following growing season). If additional treatments are necessary, the Contractor shall apply treatment to all identified areas within 10 calendar days of notification. Additional treatments will be considered extra work.

METHOD OF MEASUREMENT.

Herbicides. The quantity of controlling invasive species to be measured for payment will be in square feet of surface area controlled, measured to the nearest square foot.

Pulling. The quantity of controlling invasive species to be measured for payment will be in square feet of surface area controlled, measured to the nearest square foot.

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Excavation. The quantity of controlling invasive species to be measured for payment will be in cubic yards removed, measured to the nearest cubic yard.

Disposal of Material Containing Invasive Plant Species. The quantity to be measured for payment of contaminated material disposal will be in cubic yards removed, measured to the nearest cubic yard.

Equipment Cleaning for Invasive Plant Species. The quantity to be measured for payment of equipment cleaning will be on a lump sum basis.

BASIS OF PAYMENT.

Herbicides. The unit price bid will include the cost of all labor, materials and equipment necessary to perform site preparation and satisfactorily complete the work.

Pulling. The unit price bid shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work.

Excavation. The unit price bid shall include the material and work required to perform site preparation, excavation, backfill the excavated area and surplus material removal. Backfill quantity shall not exceed the quantity of material excavated.

Disposal of Material Containing Invasive Plant Species. The unit price bid shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work.

Equipment Cleaning for Invasive Plant Species. The lump sum price bid shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work.

Payment will be made under:

Item No.	Item Description	Pay Unit
617.01010024	Controlling Invasive Plant Species with Herbicides	Square Foot
617.01020024	Controlling Invasive Plant Species by Pulling	Square Foot
617.01030024	Controlling Invasive Plant Species by Excavation	Cubic Yard
617.10000024	Disposal of Material Containing Invasive Plant Species	Cubic Yard
617.11000024	Equipment Cleaning for Invasive Plant Species	Lump Sum



08/07/2024 9:56:44 AM

AASHTOWare Project™ Version 5.00 Revision 031

Proposal Schedule of Items

Proposal ID: D214986

Project(s): S53064

Contractor: _____

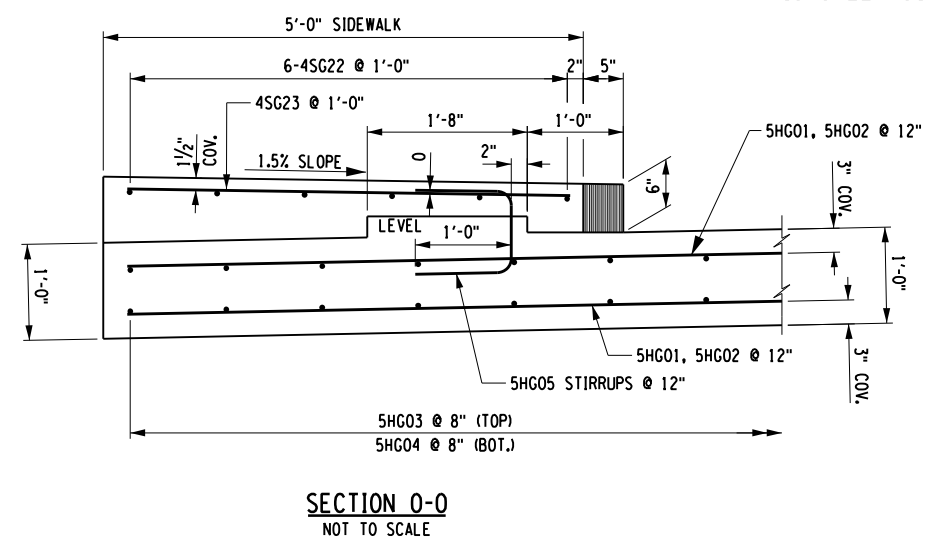
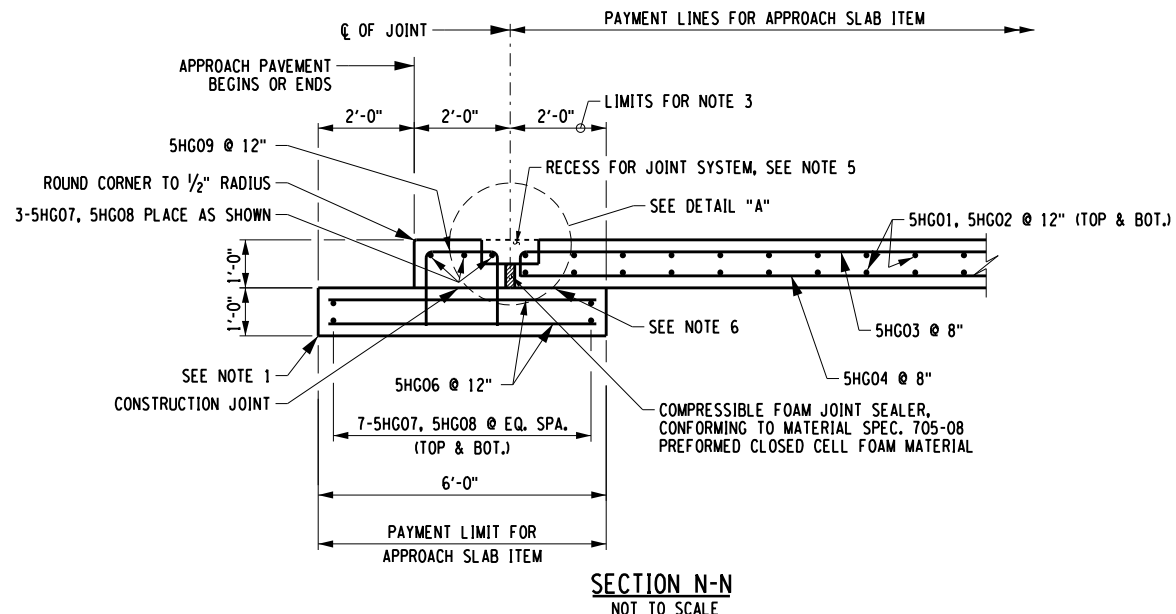
SECTION: 0001 SECTION 1

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0300	567.60 ARMORLESS BRIDGE JOINT SYSTEM	134.000 LF	_____	_____	_____	_____
0302	617.01020024 CONTROLLING INVASIVE PLANT SPECIES BY PULLING	543.000 SF	_____	_____	_____	_____
0304	617.10 24 DISPOSAL OF MATERIAL CONTAINING INVASIVE PLANT SPECIES	21.000 CY	_____	_____	_____	_____
0306	617.11 24 EQUIPMENT CLEANING FOR INVASIVE PLANT SPECIES	LUMP SUM	LUMP SUM		_____	_____
Section: 0001			Total:		_____	_____
			Total Bid:		_____	_____

EXPANSION JOINT OPENING TABLE	
SUPERSTRUCTURE TEMPERATURE (°F)	JOINT OPENING (IN.)
30	2 1/2
35	2 3/8
40	2 3/8
45	2 1/4
50	2 1/4
55	2 1/4
60	2 1/8
65	2 1/8
70	2
75	2
80	1 7/8
85	1 7/8
90	1 7/8
95	1 3/4
100	1 3/4
105	1 5/8
110	1 5/8

NOTES:
MIN. OPENING (IN.) = 1.625
MAX. OPENING / REQ. MIN. SEAL WIDTH (IN.) = 3
TOTAL MOVEMENT (IN.) = 1.375



- NOTES:**
- EXCAVATION FOR SLEEPER SLABS SHALL BE CAREFULLY MADE AFTER COMPACTED ABUTMENT EMBANKMENT IS IN PLACE. THE SLEEPER SLABS SHALL BE FOUNDED ON UNDISTURBED COMPACT MATERIAL OR RE-COMPACTED MATERIAL. NO LOOSE BACKFILL SHALL BE ALLOWED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE SLEEPER SLAB FROM TEMPORARY LOADINGS OR ANY CONDITION WHICH COULD CAUSE MOVEMENTS OR UNEVEN SETTLEMENT OF THE SLEEPER SLAB.
 - TO PERMIT UNHINDERED LONGITUDINAL MOVEMENT OF SLAB, THE SURFACE OF THE SUBBASE COURSE MUST BE ACCURATELY CONTROLLED TO FOLLOW AND BE PARALLEL TO THE ROADWAY GRADE AND CROSS SLOPE. POLYETHYLENE CURING COVERS (WHITE OPAQUE) IN ACCORDANCE WITH MATERIAL SPECIFICATION SUBSECTION 711-04 SHALL BE PLACED ON THE FINISHED SUBBASE COURSE THE FULL WIDTH OF THE APPROACH SLAB PRIOR TO PLACEMENT OF THE REINFORCEMENT. THE CURING COVERS SHALL BE 0.004 in. THICK, AND LAPS SHALL BE 2 ft. MINIMUM.
 - TOP OF SLEEPER SLABS SHALL BE STEEL TROWEL FINISHED AND COATED WITH A 0.04 in. NOMINAL THICKNESS OF PERFORMANCE GRADE ASPHALT AS INDICATED IN THE PROPOSAL, OR MATERIAL SPECIFICATION 702-3101. THE TOP OF SLEEPER SLABS SHALL FOLLOW THE CROSS SLOPE AND GRADE OF ROADWAY. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.
 - TOP SURFACES OF STRUCTURAL SLABS, APPROACH SLABS AND EXPOSED TOP SURFACES OF SLEEPER SLABS SHALL BE GROOVED UNDER THE SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE ITEM.
 - PAYMENT FOR THE ELASTOMERIC CONCRETE HEADERS SHALL BE INCLUDED IN THE ITEM FOR THE JOINT SYSTEM. THE JOINT SYSTEM SHALL BE PAID FOR UNDER ITS APPROPRIATE ITEM.
 - COMPRESSED SYNTHETIC SHEET GASKET (TREATED BOTH SIDES), MATERIAL SPECIFICATION 728-06, TWO 0.06 in. THICK SHEETS. PRICE WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.
 - ALL REINFORCEMENT SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.
 - SEE DWG. NO. ST-43 FOR LOCATION OF SECTIONS N-N AND 0-0.

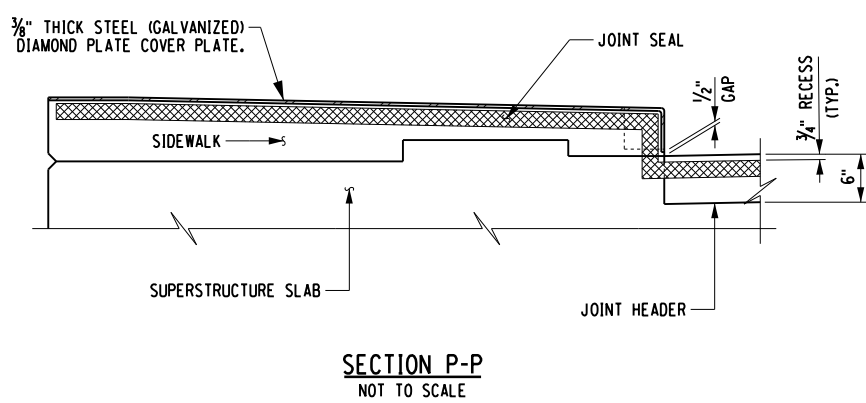
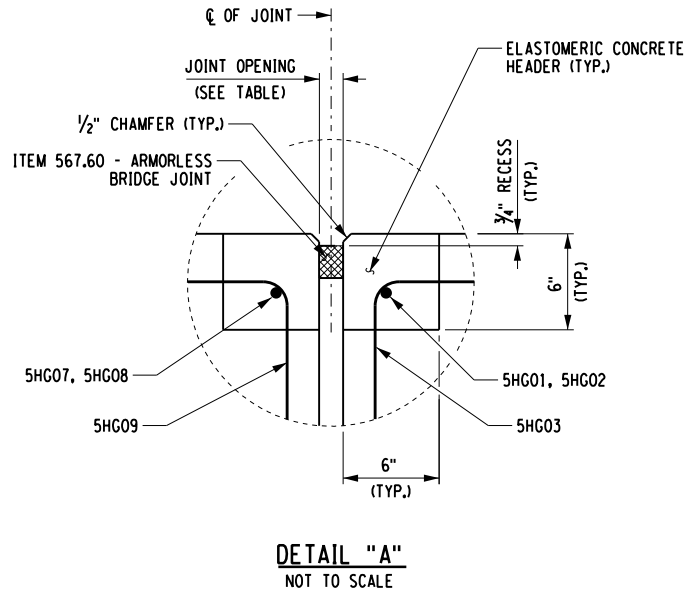
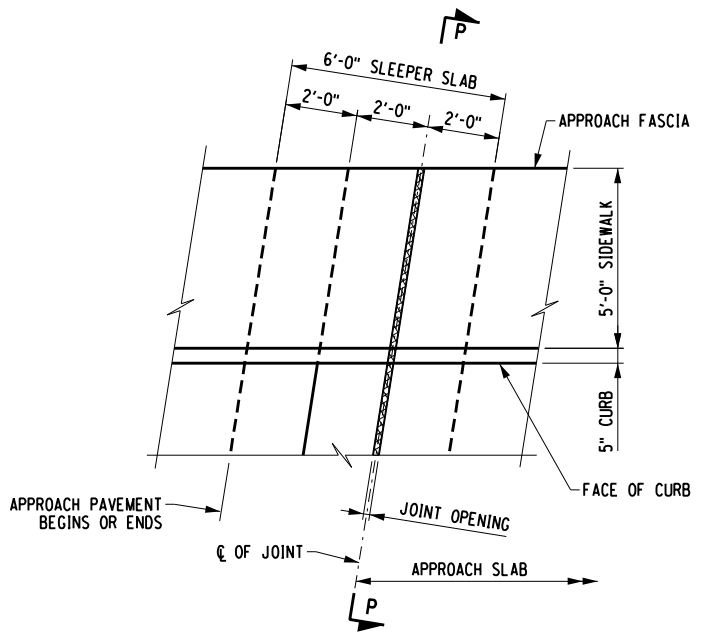
ARMORLESS JOINT NOTES:

THE "JOINT OPENING" SHALL BE DETERMINED AT THE TIME OF PLACEMENT, USING THE TABLE PROVIDED ON THIS DRAWING.

THE CONTRACTOR SHALL SUPPLY A JOINT SEAL WITH AN UNCOMPRESSED WIDTH EQUAL TO OR GREATER THAN THE DIMENSION NOTED AS "MIN. SEAL WIDTH" IN THE TABLE ABOVE. THE SEAL SUPPLIED SHALL NOT EXCEED THE MANUFACTURER'S COMPRESSION LIMITS AT THE "MINIMUM OPENING" NOTED IN THE TABLE.

THE SUPERSTRUCTURE TEMPERATURE USED TO DETERMINE THE JOINT OPENING SHALL BE THE AVERAGE TEMPERATURE OF THE BOTTOM OF THE GIRDER TOP FLANGES, (OR) THE TEMPERATURE OF THE SIDE OF A PRESTRESSED BEAM NOT DIRECTLY IN SUNLIGHT. A MINIMUM OF TWO TEMPERATURE READINGS PER SPAN SHALL BE USED TO CALCULATE THE AVERAGE SUPERSTRUCTURE TEMPERATURE.

ALL HEADER REINFORCEMENT SHALL HAVE A 2" MINIMUM COVER.



ALTERED ON: 8/6/2024

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Andrew P. Schwingel, State of New York, License No. 101621]

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE. THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE OF OPPORTUNITY | Thruway Authority

ERDMAN ANTHONY

TITLE OF PROJECT: REPLACEMENT OF TOWN LINE ROAD BRIDGE OVER THRUWAY

LOCATION OF PROJECT: TOWN OF DEWITT/TOWN OF SALINA ONONDAGA COUNTY BIN 5510120 MP 280.31

TITLE OF DRAWING: APPROACH AND SLEEPER SLAB SECTIONS AND DETAILS

CONTRACT NUMBER: TAS 24-27B

DATE: 6/14/2024

DRAWING NUMBER: ST-44

FILE NAME = N:\19710-04-TLrdbrrrep\loc\Drawings\Structures\53064-cpb.slb-apr-detail\sa1.dgn
DATE/TIME = 8/7/2024 7:31:22 AM
USER = L.lindo

DESIGNED BY: M. YAEGER
CHECKED BY: A. SCHWINGEL
DRAFTED BY: T. LINDO
CHECKED BY: A. SCHWINGEL