

JULY 28, 2025

Town of Jay Highway Department
168 Valley Road,
Au Sable Forks, NY 12912

AMENDMENT NO. 1 TO:

PROJECT: Grove Road over Green Street Brook – Culvert Replacement

IN THE LETTING OF
July 31, 2025 at 2:00 PM

NOTICE TO PROSPECTIVE BIDDERS

Project Manual

1. The Bidder shall REPLACE pages II-14 and II-20 of the Bid form with attached pages. These revise the quantity for item #201.06 Clearing and Grubbing and item #699.040001 Mobilization.
2. I. General Bid Information – B. Instructions to Bidders – 8. Contract Times: The following sentence has been added, "Asphalt pavement courses and guide railing installation are not required to consider the project substantially complete."
3. III. Agreement – Article 3 – Contract Times: The following sentence has been added, "Asphalt pavement courses and guide railing installation are not required to consider the project substantially complete."

Construction Plans

1. Dwg. GN-1 – The following revisions have been made:
 - A note was added under the Estimate of Quantities regarding the payment of shear studs on the permanent steel sheeting.
 - The estimated quantity for item #201.06 – Clearing and Grubbing has been changed from 10,000 to 1.
 - The estimated quantity for item #699.040001 – Mobilization has been changed from 16611 to 1.
2. Dwg. ST-7 – The following is added to note 4. "The cost of '¾"Ø Steel Stud, 6" long welded to every other sheet pile' shall be included in Item 552.11 – Permanent Steel Sheeting."



Clarification

1. It is the intent of the Town of Jay to award the project and issue a Notice to Proceed on August 15, 2025.



PLEASE BE GOVERNED ACCORDINGLY WHEN SUBMITTING BIDS.

PLEASE FILL IN AND SIGN BELOW AND EMAIL THIS SHEET BACK TO THE ESSEX
COUNTY OFFICE OF THE PURCHASING AGENT AT

LINDA.WOLF @ESSEXCOUNTYNY.GOV

TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT

PLEASE CONTACT CALEB VICKERY WITH H&T ENGINEERING SERVICES, PLLC AT
(838) 217-5420 WITH ANY QUESTIONS.

Signed

Date

Representing

Thank you for your cooperation in this matter.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
201.06	CLEARING AND GRUBBING	LS	1	_____ Dollars _____ Cents	\$_____.	\$_____.
202.19	REMOVAL OF SUBSTRUCTURES	CY	12	_____ Dollars _____ Cents	\$_____.	\$_____.
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	334	_____ Dollars _____ Cents	\$_____.	\$_____.
203.03	EMBANKMENT IN PLACE	CY	192	_____ Dollars _____ Cents	\$_____.	\$_____.
203.21	SELECT STRUCTURE FILL	CY	132	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
203.24010017	SHOULDER BACKUP MATERIAL	TON	4	_____ Dollars _____ Cents	\$_____.	\$_____.
206.01	STRUCTURE EXCAVATION	CY	657	_____ Dollars _____ Cents	\$_____.	\$_____.
209.13	SILT FENCE-TEMPORARY	LF	170	_____ Dollars _____ Cents	\$_____.	\$_____.
209.1501	TURBIDITY CURTAIN - TEMPORARY	LF	22	_____ Dollars _____ Cents	\$_____.	\$_____.
304.12	SUBBASE COURSE, TYPE 2	CY	505	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
404.1989	19 F9 BINDER COURSE ASPHALT, 80 SERIES COMPACTION	TON	118	_____ Dollars _____ Cents	\$_____.	\$_____.
404.3789	37.5 F9 BASE COURSE ASPHALT, 80 SERIES COMPACTION	TON	183	_____ Dollars _____ Cents	\$_____.	\$_____.
407.0102	DILUTED TACK COAT	GAL	153	_____ Dollars _____ Cents	\$_____.	\$_____.
552.11	PERMANENT STEEL SHEETING	SF	3245	_____ Dollars _____ Cents	\$_____.	\$_____.
553.020001	COFFERDAMS (TYPE 2)	EACH	2	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
553.030001	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1	_____ Dollars _____ Cents	\$_____.	\$_____.
555.08	FOOTING CONCRETE, CLASS HP	CY	27	_____ Dollars _____ Cents	\$_____.	\$_____.
556.0201	UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	LB	774	_____ Dollars _____ Cents	\$_____.	\$_____.
603.3101	CORRUGATED STRUCTURAL STEEL PLATE PIPE ARCH (6" X 2")(6'-1" SPAN, 4'-7" RISE)	LF	42	_____ Dollars _____ Cents	\$_____.	\$_____.
606.10	BOX BEAM GUIDE RAILING	LF	193	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	EACH	4	_____ Dollars _____ Cents	\$_____.	\$_____.
610.1605	TURF ESTABLISHMENT PERFORMANCE	SY	117	_____ Dollars _____ Cents	\$_____.	\$_____.
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	1	_____ Dollars _____ Cents	\$_____.	\$_____.
619.04	TYPE III CONSTRUCTION BARRICADE	EACH	6	_____ Dollars _____ Cents	\$_____.	\$_____.
620.03	STONE FILLING (LIGHT)	CY	20	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
620.29010009	NATIVE STREAM BED MATERIAL (A)	CY	49	_____ Dollars _____ Cents	\$_____.	\$_____.
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	7	_____ Dollars _____ Cents	\$_____.	\$_____.
625.01	SURVEY OPERATIONS	LS	1	_____ Dollars _____ Cents	\$_____.	\$_____.
627.50140008	CUTTING PAVEMENT	LF	40	_____ Dollars _____ Cents	\$_____.	\$_____.
646.22	DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS	EACH	6	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
646.32	STEEL POST, 2.0 LB/FT	EACH	4	_____ Dollars _____ Cents	\$_____.	\$_____.
685.1102	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL	LF	700	_____ Dollars _____ Cents	\$_____.	\$_____.
685.1202	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL	LF	700	_____ Dollars _____ Cents	\$_____.	\$_____.
Subtotal				_____ Dollars _____ Cents	\$_____.	
699.040001	MOBILIZATION (4% MAXIMUM)	LS	1	_____ Dollars _____ Cents	\$_____.	\$_____.

Brought Forward \$_____.

ITEMIZED BID FORM						
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE IN WORDS		UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
Total						
			_____ Dollars			\$_____.
			_____ Cents			

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.

GENERAL NOTES:

DESIGN SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL PROVISIONS IN EFFECT AS OF JUNE 2025. (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: f'c=3000 PSI.)

DESIGN SPECIFICATIONS: NYSDOT LRFD BRIDGE DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF MAY 2025 (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: f'c=3000 PSI.)

LIVE LOAD: AASHTO HL-93

CONSTRUCTION AND MATERIALS SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED MAY 1, 2025, WITH CURRENT ADDITIONS AND MODIFICATIONS.

DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.

ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN US CUSTOMARY UNITS.

THE COST OF WATER USED FOR COMPACTION OF SELECT FILL ITEMS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 - SELECT STRUCTURE FILL.

THE COST OF ALL JOINT MATERIAL SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

HIGH VOLTAGE ELECTRICAL LINES ARE IN PROXIMITY TO THIS BRIDGE. REFER TO SUBSECTION 107-05 OF THE STANDARD SPECIFICATIONS FOR CONTRACTOR SAFETY REQUIREMENTS.

WORK ZONE TRAFFIC CONTROL NOTES:

BRIDGE WILL BE CLOSED DURING CONSTRUCTION.

SUBSTRUCTURE NOTES:

ALL PLACEMENTS OF SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY.

HIGHWAY EMBANKMENT MATERIAL (FROM HIGHWAY ESTIMATE OR FROM STRUCTURE EXCAVATION BACKFILL) AND SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE PLACED SIMULTANEOUSLY, IN CONTACT, ON BOTH SIDES OF THE VERTICAL PAYMENT LINE.

REMOVAL NOTES:

EXISTING PIPE CULVERTS SHALL BE REMOVED UNDER ITEM 202.19.

THERE ARE NO AREAS WITHIN THE CONTRACT LIMITS AVAILABLE FOR DISPOSAL OF DEBRIS. REFER TO SUBSECTION 107-05 OF THE STANDARD SPECIFICATIONS FOR CONTRACTOR SAFETY REQUIREMENTS.

EXISTING TEMPORARY CONCRETE BARRIERS, ROAD PLATES, OBJECT MARKER SIGNS AND ROADSIDE CONCRETE BLOCKS ARE THE PROPERTY OF THE TOWN OF JAY AND SHALL BE REMOVED AND STORED AT A LOCATION TO BE DETERMINED BY THE TOWN OF JAY. COST TO BE INCLUDED IN ITEM 201.06

HIGHWAY MAINTENANCE:

UPON COMPLETION AND ACCEPTANCE OF THIS CONTRACT, THE HIGHWAY AND CULVERT WILL CONTINUE TO BE MAINTAINED BY THOSE AGENCIES WHICH HAD JURISDICTION PRIOR TO THIS CONTRACT.

COFFERDAM NOTES:

WHERE A COFFERDAM IS USED, THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF SOURCE OF WATER, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE COFFERDAM ITEM.

DEWATERING OF THE COFFERDAM SHALL BE ACCOMPLISHED BY PUMPING THE WATER TO AN APPROVED UPLAND VEGETATED AREA OUTSIDE OF THE STREAMBED AS SHOWN ON THE PLANS AND/OR APPROVED BY THE E.I.C. TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL, SUCH AS STRAW BALES OR APPROVED EQUAL, MAY BE REQUIRED AS DETERMINED BY THE ENGINEER-IN-CHARGE. NO SETTLEMENT BASIN SHALL BE CONSTRUCTED.

ORDINARY WATER IS ESTIMATED TO BE 762.50. THIS IS DEFINED AS THE HIGHEST SURFACE WATER ELEVATION LIKELY TO BE ENCOUNTERED DURING ON CONSTRUCTION SEASON (OTHER THAN MAJOR FLOODS). IT IS ALWAYS LESS THAN THE ORDINARY HIGH WATER ELEVATION AND IT IS USUALLY AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

UTILITY NOTES:

LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED ON THE PLANS AS EXISTING AND/OR TO BE CONSTRUCTED ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS, AND TAKE NECESSARY PRECAUTIONS SUCH THAT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION IS PREVENTED.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CALL "DIG SAFELY" (1-800-962-7962) TO HAVE UNDERGROUND UTILITIES LOCATED.

CONTROL OF INVASIVE SPECIES NOTES:

ALL CONSTRUCTION EQUIPMENT WILL BE PRESSURE WASHED TO REMOVE SOIL CLUMPS AND DEBRIS PRIOR TO SHIPPING TO THE PROJECT SITE.

ALL SEED SPECIES (EXPECT ANNUAL RYE AND PERENNIAL RYE GRASSES) SHALL BE NATIVE TO NEW YORK STATE. SEED SHALL MEET THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 713-04 SEEDS.

CONTRACTOR SHALL MAINTAIN ALL SEEDED AREAS AGAINST INVASION AND GROWTH OF INVASIVE, NON-NATIVE SPECIES. PURPLE LOOSE STRIFE (LYTHRUM SALICARIA), COMMON REED (PHRAGMITES AUSTRALIS), AND REED CANARY-GRASS (PHALARIS ARUNDINACEA) SHALL BE DUG OR CAREFULLY PULLED IN ORDER TO GET ALL ROOTS WHEN OBSERVED INVADING THE SITE.

NO HAY BALES SHALL BE PERMITTED ON PROJECT SITE. STRAW BALES, WHICH MEET THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 713-19- STRAW SHALL BE PERMITTED ON PROJECT SITE.

MULCH SHALL MEET THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 713-11- WOOD FIBER MULCH.

EROSION, SEDIMENTATION AND TURBIDITY CONTROLS:

ALL WORK IN A FLOWING STREAM MUST BE KEPT TO A MINIMUM AND THE STREAM WATERS MUST BE PUMPED, PIPED OR OTHERWISE DIVERTED AROUND, OR SEPARATED FROM, THE WORK AREA. STRAW BALES OR OTHER DEVICES PLACED ACROSS THE STREAM DOWNSTREAM OF THE WORK SITE ARE NOT ACCEPTABLE POLLUTION CONTROLS. ALL WATER PUMPED FROM COFFERDAMS, SETTLING BASINS, OR OTHER WORK AREAS MUST NOT BE ALLOWED TO FLOW BACK INTO A STREAM UNLESS IT IS FIRST FILTERED UNTIL IT IS AS CLEAN (NON-TURBID) AS THE STREAM WATERS FLOWING UPSTREAM OF THE WORK SITE.

UNDER NO CIRCUMSTANCES ARE WET CONCRETE, CEMENT, WASHINGS FROM CEMENT TRUCKS, OILS, FUELS OR OTHER POLLUTANTS ALLOWED TO ENTER THE STREAM. ACCIDENTAL SPILLS ARE TO BE IMMEDIATELY CLEANED UP. ALL PETROLEUM SPILLS SHALL BE REPORTED AS REQUIRED BY REGULATION. THE STREAM BELOW THE WORK SITE SHALL BE AS CLEAR AS THE STREAM ABOVE THE WORK SITE.

WORK SHALL BE PERFORMED FROM THE STREAM BANKS TO THE EXTENT POSSIBLE TO MINIMIZE THE USE OF EQUIPMENT IN THE STREAM. UNDER NO CIRCUMSTANCES IS EQUIPMENT TO OPERATE IN FLOWING WATER UNLESS AUTHORIZED IN WRITING OR BY ON-SITE DEC REPRESENTATIVE. GRAVEL REMOVED FROM A STREAM BED MUST BE PLACED BEYOND THE REACH OF NORMAL HIGH WATER. GRAVEL WILL NOT BE PUSHED UP ON STREAM BANKS OR SLOPES UNLESS SPECIFICALLY AUTHORIZED IN WRITING, NOR SHALL ANY BE USED TO CONSTRUCT ANY DIKE, LEVEE, BERM OR OTHER OBSTRUCTION TO HIGH FLOWS. ALL WASTE MATERIAL (RUBBLE, SAND BLASTING AND CHIPPING WASTES AND RESIDUES, ETC.) RESULTING FROM CONSTRUCTION MUST BE COLLECTED AND MOVED TO AN APPROVED DISPOSAL AREA. NO MATERIAL SHALL BE ALLOWED TO ENTER, EITHER DIRECTLY OR INDIRECTLY, INTO ANY STREAM OR ANY FRESHWATER WETLAND.

ALL DISTURBED PORTIONS OF THE WORK AREA AND STREAM BANKS MUST BE GRADED TO A STABLE SLOPE, AND EITHER RIP-RAPPED OR PLANTED WITH SUITABLE GRASSES, SHRUBS OR LEGUMES, AND/OR SEEDED WITH A CONSERVATION TYPE GRASS MIXTURE AND MULCHES. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER HAS BEEN ESTABLISHED. LIME AND FERTILIZER SHALL BE USED AS REQUIRED.

STREAM PROTECTION NOTES:

GREEN STREET BROOK IS CLASSIFIED AS CLASS (C1) BODY OF WATER.

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ACOE NATIONWIDE PERMIT NO. 3 & 33, NYSDEC ARTICLE 15 STREAM DISTURBANCE PERMITS, NYSDEC PERMIT, ACOE AND APA PERMITS ARE PENDING.

IF PUMPS ARE USED AT THE END OF THE WORK DAY OR BEFORE HEAVY ANTICIPATED FLOWS, THE CONTRACTOR SHALL ESTABLISH AN UNOBSTRUCTED CHANNEL AREA SUFFICIENT TO ACCOMMODATE THE FLOW. THE CONTRACTOR SHALL SUBMIT A PROCEDURE FOR APPROVAL TO THE ENGINEER-IN-CHARGE.

IF PROPOSING TO USE A TEMPORARY STREAM DIVERSION IN LIEU OF COFFERDAMS, THE CONTRACTOR SHALL SUBMIT TEMPORARY STREAM DIVERSION STRUCTURE PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. PAYMENT WILL BE MADE UNDER THE COFFERDAM ITEMS.

STONE APRONS AND SCOUR PROTECTION PLACED IN STREAMS OR RIVERS SHALL BE INSTALLED FLUSH WITH THE INVERT ELEVATION AND FILLED WITH NATIVE BED MATERIAL AND SUPPLEMENTED WITH SIMILARLY SIZED MATERIAL, IF NEEDED TO FILL INTERSTITIAL SPACES.

ESTIMATE OF QUANTITIES				
ITEM NUMBER	DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
201.06	CLEARING AND GRUBBING	LS	1	
202.19	REMOVAL OF SUBSTRUCTURES	CY	12	
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	334	
203.03	EMBANKMENT IN PLACE	CY	192	
203.21	SELECT STRUCTURE FILL	CY	132	
203.24010017	SHOULDER BACKUP MATERIAL	TON	4	
206.01	STRUCTURE EXCAVATION	CY	657	
209.13	SILT FENCE-TEMPORARY	LF	170	
209.1501	TURBIDITY CURTAIN-TEMPORARY	LF	22	
304.12	SUBBASE COURSE, TYPE 2	CY	505	
404.1989	19 F9 BINDER COURSE ASPHALT, 80 SERIES COMPACTION	TON	118	
404.3789	37.5 F9 BASE COURSE ASPHALT, 80 SERIES COMPACTION	TON	183	
407.0102	DILUTED TACK COAT	GAL	153	
552.11**	PERMANENT STEEL SHEETING	SF	3245	
553.020001	COFFERDAMS (TYPE 2)	EACH	2	
553.30001	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1	
555.08	FOOTING CONCRETE, CLASS HP	CY	27	
556.0201	UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	LB	774	
603.310X	CORRUGATED STRUCTURAL STEEL PLATE PIPE ARCH (6"X2"X16'-0" SPAN, 5'-3" RISE)	LF	42	
606.10	BOX BEAM GUIDE RAILING	LF	175	
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	EACH	4	
610.1605	TURF ESTABLISHMENT PERFORMANCE	SY	117	
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	1	
619.04	TYPE III CONSTRUCTION BARRICADE	EACH	6	
620.03	STONE FILLING (LIGHT)	CY	20	
620.29010009	NATIVE STREAM BED MATERIAL (A)	CY	49	
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	7	
625.01	SURVEY OPERATIONS	LS	1	
627.50140008	CUTTING PAVEMENT	LF	40	
646.22	DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS	EACH	6	
646.32	STEEL POST, 2.0 LB/FT	EACH	4	
685.1102	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL	LF	700	
685.1202	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL	LF	700	
699.040001	MOBILIZATION	LS	1	

** THE COST OF "3/4"Ø, 6" LONG STEEL STUDS WELDED TO EVERY OTHER SHEET PILE" SHALL BE INCLUDED IN ITEM 552.11 - PERMANENT STEEL SHEETING.

TABLE OF HORIZONTAL ALIGNMENT				
POINT	STATION	CURVE DATA	COORDINATE	
			NORTH	EAST
GROVE RD				
POB BEGIN OPENING	1+00.00	AZ 350°05'56.2"	2041249.56	720219.69
	2+54.93		2041402.67	720196.15
END OPENING POE	2+72.16		2041419.65	720193.19
	4+50.00		2041594.84	720162.61

DATE: JUNE 2025

H&T No.: 24-139

SCALE: AS NOTED

DESIGNED: C/JV

DRAWN BY: EG

CHECKED: CT

CULVERT REPLACEMENT PLAN

GROVE ROAD OVER
GREEN STREET BROOK

TOWN OF JAY, ESSEX COUNTY, NEW YORK

GENERAL NOTES, HORIZONTAL
ALIGNMENT & ESTIMATE

H

H&T

Engineering, PLLC

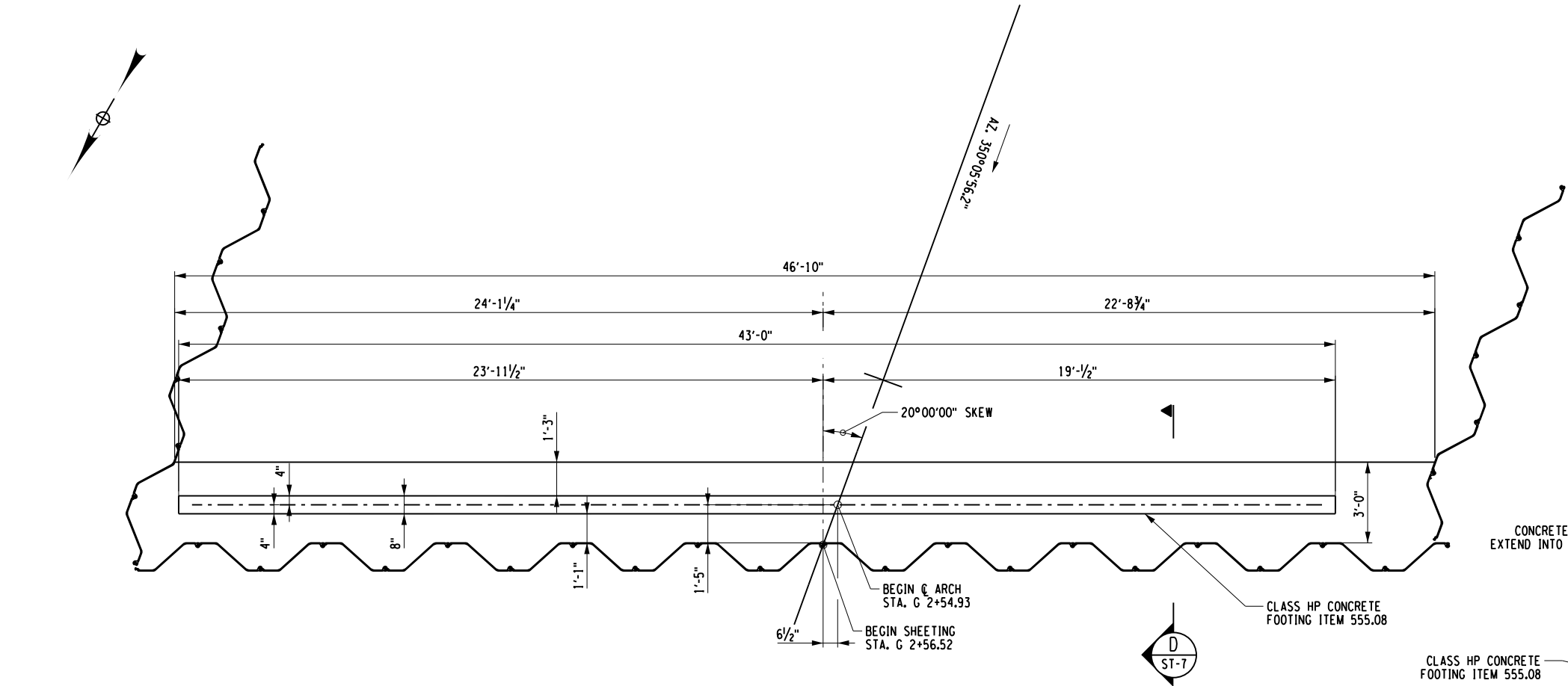
14 Corporate Dr., Clifton Park, NY 12045

TOWN OF JAY
P.O. BOX 730
11 SCHOOL LANE
AU SABLE FORKS, NY 12912

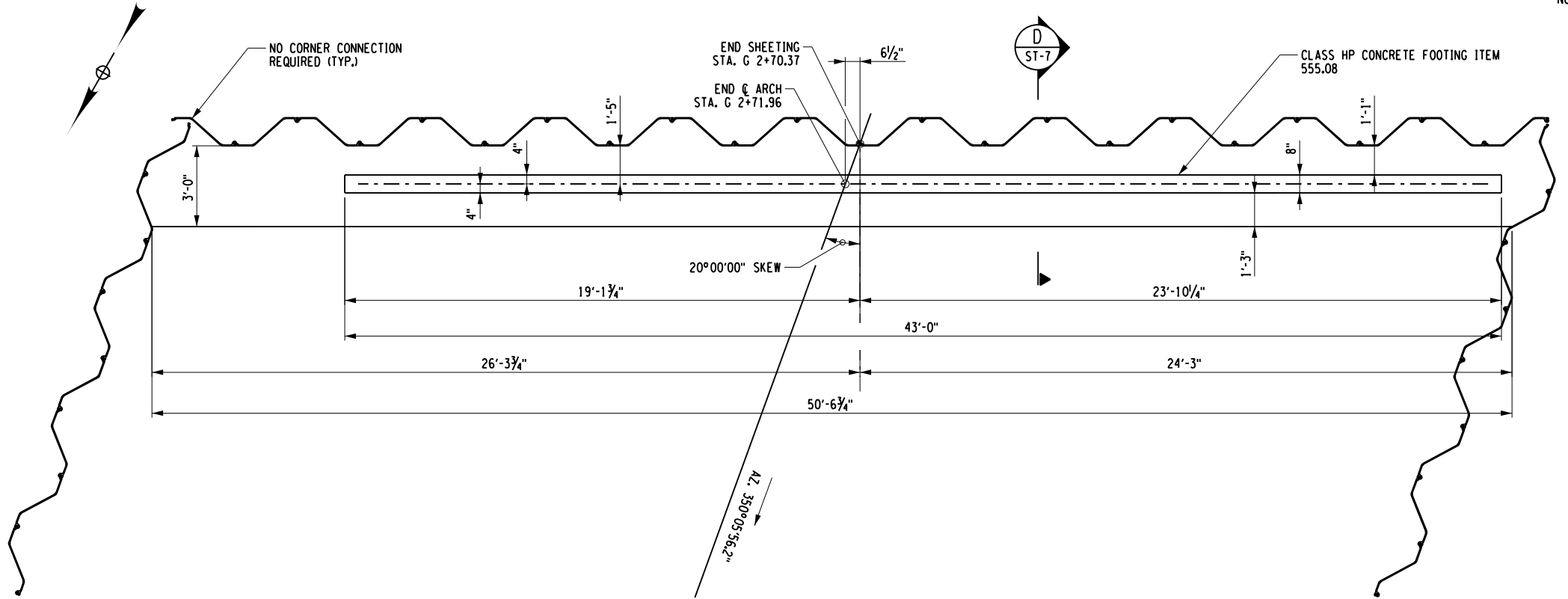
GN-1

SHEET NUMBER 2 of 13

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.



BEGIN FOOTING PLAN
SCALE: 3/16" = 1'-0"



END FOOTING PLAN
SCALE: 3/16" = 1'-0"

CONCRETE FOOTING TO
EXTEND INTO CORRUGATION

NON-SHRINK
GROUT, SEE
NOTE 3

CLASS HP CONCRETE
FOOTING ITEM 555.08

3/4" Ø STEEL STUD,
6" LONG WELDED
TO EVERY OTHER
SHEET PILE, SEE
NOTE 4

EL. 761.00

EL. 759.00

FRONT FACE
OF STEEL
SHEET PILES

VARIES

SEE DWG ST-5 FOR SHEETING
DETAILS

FOOTING SECTION
SCALE: 1/2" = 1'-0"

LAP LENGTHS	
BAR	MIN. LENGTHS
#5	2'-4"

NOTES:

- COVER FOR ALL STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED. ALL OTHER COVERS SHALL BE 2" UNLESS OTHERWISE NOTED.
- ALL UNCOATED REINFORCEMENT BARS SHALL BE PAID FOR UNDER ITEM 556.0201.
- ENTIRE KEYWAY SHALL BE FIED WITH NON-SHRINK GROUT PRIOR TO BACKFILLING STRUCTURE.
- THE COST OF "3/4" Ø, 6" LONG STEEL STUDS WELDED TO EVERY OTHER SHEET PILE" SHALL BE INCLUDED IN ITEM 552.11 - PERMANENT STEEL SHEETING.

CULVERT REPLACEMENT PLAN GROVE ROAD OVER GREEN STREET BROOK TOWN OF JAY, ESSEX COUNTY, NEW YORK	FOOTING PLANS & ELEVATIONS	DATE: JUNE 2025	H&T No.: 24-139	SCALE: AS NOTED	DESIGNED: CJV	DRAWN BY: EG	CHECKED: GT	TOWN OF JAY P.O. BOX 730 11 SCHOOL LANE AU SABLE FORKS, NY 12912	NO.	REVISION	DATE	BY

H

H&T

Engineering, PLLC

14 Corporate Dr., Clifton Park, NY 12065

ST-7

SHEET NUMBER 12 of 13