STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

December 8, 2023
Subject: Clifford Bridge Replacement
State WIN: 025211.00
Location: **Marion Twp.**
Amendment No. 1

Dear Sir/Ms.:

Make the following changes to the Bid Book:

Remove pages sixteen to twenty totaling five pages titled Proposal Schedule of Items dated 11/07/2023 and **Replac**e with the attached Proposal Schedule of items dated 11/30/2023

Insert SPECIAL PROVISION 643 totaling two pages

Insert Highway Lighting Quality Control Checklist totaling three pages

In the Plan Set:

Remove sheet two ESTIMATED QUANTITIES AND GENERAL CONSTRUCTION NOTES dated 11/03/2023 and **Replace** with the attached ESTIMATED QUANTITIES AND GENERAL NOTES dated 11/29/2023

Remove sheet Three titled GENERAL PLAN dated 11/03/2023and **Replace** with the attached GENERAL PLAN totaling one page dated 11/29/2023

Remove Sheet three A titled GENERAL PLAN – EAST dated 11/03/2023 and **Replace** with the attached GENERAL PLAN EAST dated 11/29/2023

The following questions have been received:

Question: Spec Prov Section 652 states that a set of Portable/Temporary Traffic Signals will be paid for by the Flagger Hour Bid Item times two. Does payment include non-working hours?

Response: The Portable/Temporary Traffic Signals and Automated Flagging Assistance Devices included in Special Provision Section 652, Maintenance of Traffic, are to be used in lieu of flaggers. They shall not be used during times when the contractor is not working and shall not be paid for when not in use; they are not to be used for long-term, continuous, use.

Question: We assume this may be an error and MDOT will just need to add a lump sum pay item for the Temporary Traffic Signals?

Response: A lump sum pay item for Temporary Traffic Signal, and associated Special Provision, have been added to the Contract.

Consider these changes and information prior to submitting your bid on **December 13, 2023**.

Sincerely,

Kevin Hanlon for

George M. A. Macdougall P.E.
Contracts & Specifications Engineer

aine Depa en o anspo a ion

Proposal Schedule of Items

Proposal ID: 025211.00 **Project(s):** 025211.00

SECTION: 1 INITIAL GROUP

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

Contractor: _____

Proposal Line Number	I e ID Description	Approximate Quantity and Uni s	Unit Price Dollars	Unit Price Cen s	Bid Amount Dollars	Bid Amount Cents
0010	202.202 REMOVING PAVEMENT SURFACE	295.000 SY				
0020	203.20 COMMON EXCAVATION	1,030.000 CY				
0030	203.24 COMMON BORROW	40.000 CY				
0040	203.25 GRANULAR BORROW	220.000 CY				
0050	203.33 SPECIAL FILL	130.000 CY				
0060	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	900.000 CY				
0070	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	157.000 T				
0080	403.213 HOT MIX ASPHALT 12.5 MM BASE	218.000 T				
0090	409.15 BITUMINOUS TACK COAT - APPLIED	63.000 G				
0100	508.13 SHEET WATERPROOFING MEMBRANE	LUMP SUM	LUMP SUM			
0110	511.07 COFFERDAM: DOWNSTREAAM	LUMP SUM	LUMP SUM			
0120	511.07 COFFERDAM: UPSTREAM	LUMP SUM	LUMP SUM			

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025211.00 **Project(s):** 025211.00

SECTION: 1 INITIAL GROUP

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

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price Dollars	Unit Price Cents	Bid Amount Dollars	Bid Amount Cents
0130	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP SUM		_____	_____
0140	524.301 TEMPORARY STRUCTURAL SUPPORT	LUMP SUM	LUMP SUM		_____	_____
0150	526.305 PORTABLE CONCRETE BARRIER, BRACED TYPE 1	LUMP SUM	LUMP SUM		_____	_____
0160	527.34 WORK ZONE CRASH CUSHIONS	4.000 UN	_____	_____	_____	_____
0170	534.71 PRECAST CONCRETE BOX CULVERT	LUMP SUM	LUMP SUM		_____	_____
0180	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	225.000 LF	_____	_____	_____	_____
0190	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	4.000 EA	_____	_____	_____	_____
0200	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA	_____	_____	_____	_____
0210	606.74 GUARDRAIL - SINGLE RAIL BRIDGE MOUNTED	125.000 LF	_____	_____	_____	_____
0220	610.08 PLAIN RIPRAP	210.000 CY	_____	_____	_____	_____
0230	610.18 STONE DITCH PROTECTION	5.000 CY	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025211.00 **Project(s):** 025211.00

SECTION: 1 INITIAL GROUP

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

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars Cents	Bid Amount Dollars Cents
0240	610.210 STREAM CHANNEL ROCK	435.000 CY	_____.____	_____.____
0250	610.212 STREAMBED ROCK FEATURES	6.000 CY	_____.____	_____.____
0260	613.319 EROSION CONTROL BLANKET	130.000 SY	_____.____	_____.____
0270	618.14 SEEDING METHOD NUMBER 2	7.000 UN	_____.____	_____.____
0280	619.14 EROSION CONTROL MIX	85.000 CY	_____.____	_____.____
0290	620.58 EROSION CONTROL GEOTEXTILE	750.000 SY	_____.____	_____.____
0300	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,425.000 LF	_____.____	_____.____
0310	627.77 REMOVING PAVEMENT MARKINGS	475.000 SF	_____.____	_____.____
0320	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	1,425.000 LF	_____.____	_____.____
0330	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR	_____.____	_____.____
0340	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR	_____.____	_____.____
0350	631.14 GRADER (INCLUDING OPERATOR)	10.000 HR	_____.____	_____.____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025211.00 **Project(s):** 025211.00

SECTION: 1 INITIAL GROUP

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

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars Cents	Bid Amount Dollars Cents
0360	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10.000 HR	_____.____	_____.____
0370	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR	_____.____	_____.____
0380	639.19 FIELD OFFICE TYPE B	1.000 EA	_____.____	_____.____
0390	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP SUM	LUMP SUM	_____.____
0400	652.312 TYPE III BARRICADE	4.000 EA	_____.____	_____.____
0410	652.33 DRUM	25.000 EA	_____.____	_____.____
0420	652.34 CONE	50.000 EA	_____.____	_____.____
0430	652.35 CONSTRUCTION SIGNS	400.000 SF	_____.____	_____.____
0440	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM	_____.____
0450	652.38 FLAGGER	360.000 HR	_____.____	_____.____
0460	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM	_____.____
0470	659.10 MOBILIZATION	LUMP SUM	LUMP SUM	_____.____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025211.00 **Project(s):** 025211.00

Section: 1 **Total:** _____.____

Total Bid: _____.____

Marion Twp
Clifford Bridge
WIN 025211.00
November 08, 2023

SPECIAL PROVISION
SECTION 643
TRAFFIC SIGNALS
(Temporary Traffic Signal)

The following is added to Standard Specifications Section 643:

Furnishing and installing a temporary traffic control signal system for traffic control consisting of a one lane, two-way alternating traffic along ME-86 (King Street) at Clifford Bridge No. 5223 (Clifford Stream) in the Township of Marion as specified herein.

The Contractor shall install and maintain temporary traffic signals at all times that alternating one-way traffic is maintained.

The Contractor shall be responsible for ensuring at least 425 feet of stopping sight distance is available for all signal heads.

Signal heads at each approach to the work area shall be mounted on a temporary structure supplied by the Contractor and approved by the Resident. Two heads shall face traffic on each approach. All signal heads shall have 12 inch red, yellow and green circular LED indications with 5 inch back plates and yellow retroreflective border.

Stop bar detection shall be provided on each approach. The Contractor shall determine the method of detection with the Resident's approval. Temporary stop bars shall be provided for all approaches (both ends of King Street). Temporary stop lines shall be removed by the Contractor at the completion of the temporary signal operations. The Contractor shall locate the stop lines based on the proposed lane closures and the locations shall be approved by the Resident.

The Contractor shall program the signal controller with the following phasing and timing (in seconds):

	Phase 1	Phase 2
Min Green	5	5
Extension	3	3
Max Green	20	20
Yellow Cl.	4	4
All Red	15	15
Recall	None	None

Phase 1 – King Street – Route 86 Eastbound
Phase 2 – King Street – Route 86 Westbound

The clearance time is based on a vehicle speed of 20 mph for 375 feet.

The specified signal timing may be adjusted by a Licensed Professional Engineer as operation requires. The Resident may increase All Red Clearance times as necessary for the safety of the traveling public.

643.18 Method of Measurement Replace the third paragraph with the following:

Each stop bar detection system installed, connected to appropriate phases in the controller cabinet, complete and operational, will not be measured for payment but will be considered incidental to the Temporary Traffic Signal Pay Item.

643.19 Basis of Payment Replace the fourth paragraph with the following:

The stop bar detection system will be considered incidental to the Temporary Traffic Signal, which will be full compensation for materials, labor, and equipment for each detection system installed, fully operational, and removed. If loop detectors are used as the stop bar detection system, loops may be abandoned in place.

Payment will be made under:

Pay Item		Pay Unit
643.72	Temporary Traffic Signal	Lump Sum

Highway Lighting Quality Control Checklist

Subsection 634.09 Field Testing

Project Pin # _____

Location (if multiple services, please be specific)- _____

Grounding Electrode Resistance at service _____

Number of Circuits _____

Hand-Off-Auto Switch? _____

Circuit #1

Open Circuit Resistance- (Ohm out both hot legs at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Megger Test- (Meg out both hot legs to ground at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Current draw- (during normal operation) Leg #1 _____ Leg #2 _____

Operating Voltage at last pole _____

Circuit #2

Open Circuit Resistance- (Ohm out both hot legs at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Megger Test- (Meg out both hot legs to ground at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Current draw- (during normal operation) Leg #1 _____ Leg #2 _____

Operating Voltage at last pole _____

I, _____, certify that this work was done in accordance with subsection 643.14 and current NEC _____ guidelines, and when tested, was functioning as intended.

(YEAR)

Electrician's Signature _____

Electrician's License # _____

Highway Lighting Quality Control Checklist

Subsection 634.09 Field Testing

Project Pin # _____

Location (if multiple services, please be specific)- _____

Grounding Electrode Resistance at service _____

Number of Circuits _____

Hand-Off-Auto Switch? _____

Circuit #3

Open Circuit Resistance- (Ohm out both hot legs at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Megger Test- (Meg out both hot legs to ground at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Current draw- (during normal operation) Leg #1 _____ Leg #2 _____

Operating Voltage at last pole _____

Circuit #4

Open Circuit Resistance- (Ohm out both hot legs at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Megger Test- (Meg out both hot legs to ground at the cabinet while they are shorted together at the last pole and the fuse holders are disconnected at each pole) _____

Current draw- (during normal operation) Leg #1 _____ Leg #2 _____

Operating Voltage at last pole _____

I, _____, certify that this work was done in accordance with subsection 643.14 and current NEC _____ guidelines, and when tested, was functioning as intended.

(YEAR)

Electrician's Signature _____

Electrician's License # _____

Traffic Signal Quality Control Checklist

Subsection 643.14 Field Testing

Project Pin # ______________________

Grounding Electrode Resistance at service ______________________

ID tags on loop amps / detector cards? ______________________

Location ______________________

Street Approach ______________________

Loop # ________ **Resistance** ________

Phase # ________ **Meg to ground** ________

L,C, or R Lane ________ **Amount of bondo covering loop** ________

Pulse or Presence ________

Street Approach ______________________

Loop # ________ **Resistance** ________

Phase # ________ **Meg to ground** ________

L,C, or R Lane ________ **Amount of bondo covering loop** ________

Pulse or Presence ________

Street Approach ______________________

Loop # ________ **Resistance** ________

Phase # ________ **Meg to ground** ________

L,C, or R Lane ________ **Amount of bondo covering loop** ________

Pulse or Presence ________

I, ________________________________, certify that this work was done in accordance with subsection 643.14 and current NEC ____________________ (YEAR) guidelines, and when tested, was functioning as intended.

Electrician's Signature ______________________

Electricain's License # ______________________

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE	295	SY
203.20	COMMON EXCAVATION	1030	CY
203.24	COMMON BORROW	40	CY
203.25	GRANULAR BORROW	220	CY
203.33	SPECIAL FILL	130	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	900	CY
403.208	HOT MIX ASPHALT 12.5 MM (WEARING)	157	T
403.213	HOT MIX ASPHALT 12.5 MM (BASE AND INTERMEDIATE COURSE)	218	T
409.15	BITUMINOUS TACK COAT - APPLIED	63	G
508.13	SHEET WATERPROOFING MEMBRANE (187 SY)	1	LS
511.07	COFFERDAM (UPSTREAM)	1	LS
511.07	COFFERDAM (DOWNSTREAM)	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (100 SY)	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT	1	LS
526.305	PORTABLE CONCRETE BARRIER, BRACED TYPE 1 (400 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	4	UN
534.71	PRECAST CONCRETE BOX CULVERT (248 CY)	1	LS
606.1301	31" W-BM GR, MID-WAY SPLICE-SGL FACED	225	LF
606.1305	31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
606.74	GUARDRAIL TYPE 3 - SINGLE RAIL BRIDGE MOUNTED, MODIFIED	125	LF
610.08	PLAIN RIPRAP	210	CY
610.18	STONE DITCH PROTECTION	5	CY
610.210	STREAM CHANNEL ROCK	435	CY
610.212	STREAMBED ROCK FEATURES	6	CY
613.319	EROSION CONTROL BLANKET	130	SY
618.14	SEEDING METHOD NUMBER 2	7	UN
619.14	EROSION CONTROL MIX	85	CY
620.58	EROSION CONTROL GEOTEXTILE	750	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1425	LF
627.77	REMOVING EXISTING PAVEMENT MARKINGS	475	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	1425	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	10	HR
631.15	ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
639.49	FIELD OFFICE TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	TYPE III BARRICADE	4	EA
652.33	DRUM	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	360	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

1

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits and right of way lines, refer to Right of Way Map.

2. The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.

3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

4. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.

5. In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.

6. All embankment, bedding, and backfill material placed below the pavement subbase shall be Granular Borrow meeting the requirements of Subsection 703.19, Material for Underwater Backfill, with the additional requirement that the maximum particle size shall be limited to 4 inches.

7. Erosion Control Mix shall be used in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.

8. Place a 24-in. wide strip of Erosion Control Blanket on the sideslopes along the top of the riprap and behind the guardrail.

9. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.

10. Protective Coating for Concrete Surfaces shall be applied to the following areas:

    Concrete headwalls, including to one foot inside the box:
    Exposed tops of vertical walls and to one foot below the ground on the back side;
    Exposed faces of vertical walls and to one foot inside the box.

11. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/.

12. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

13. Reports on hydrology and/or hydraulics applicable to the bridge site may be accessed at the MaineDOT web address. The reports are based on MaineDOT's interpretation of the information obtained for the subject site. No assurance is given that the information or the conclusions of the report will be representative of actual conditions at the time of construction.

14. The project geotechnical report titled: GEOTECHNICAL DESIGN REPORT For the Replacement of: CLIFFORD BRIDGE, STATE ROUTE 86 OVER CLIFFORD STREAM, MARION TOWNSHIP, MAINE, Soils Report 2023-23, October 23, 2023 may be accessed at the MaineDOT web address.

15. Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information. The boring logs contained in the plan set present factual and interpretive subsurface information collected at discrete locations. Data provided may not be representative of the subsurface conditions between the boring locations.

16. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:

    a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

    b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

    c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation.

17. Existing signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.

18. Where it is apparent that runoff will cause continual erosion, Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed. Payment will be made under the appropriate Contract items.

19. Any unsuitable soils (i.e. low strength silts and clays), that may be encountered below the limits of granular borrow, shall be excavated down to expose competent, firm material and replaced with compacted granular borrow.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2521100

WIN 025211.00

BRIDGE NO. 5223

BRIDGE PLANS

PROJ. MANAGER	M. PARLIN		
DESIGN-DETAILED	M. GRAY		
CHECKED-REVIEWED	M. GRAY		
DESIGN2-DETAILED2	N.PUKAY		
DESIGN3-DETAILED3	T. WHITE		
REVISION 1	Added Item 643.72 Temporary Traffic Signal	BY	DATE
REVISION 2		R. MAYER	NOV 2023
REVISION 3		D. SHAW	NOV 2023
FIELD CHANGES		T. WHITE	JUL 2022

SIGNATURE

P.E. NUMBER NOV 2023

DATE

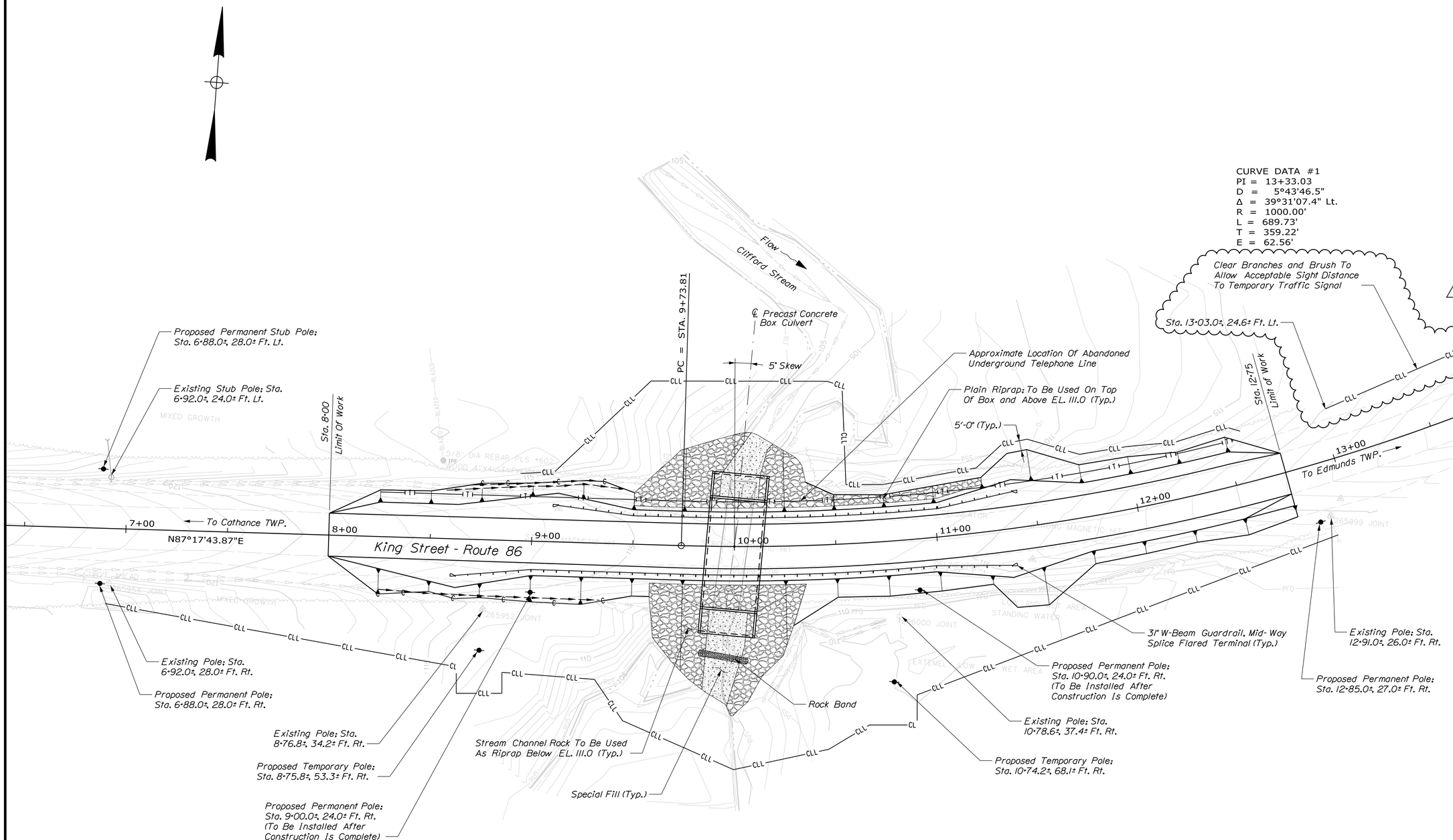
CLIFFORD BRIDGE
CLIFFORD STREAM
MARION TWP. WASHINGTON COUNTY

ESTIMATED QUANTITIES AND GENERAL CONSTRUCTION NOTES

SHEET NUMBER

2

OF 21



PLAN

25 0 25 50
Scale of Feet

NOTE:

1. Clearing should be minimized to that necessary for access and for placement and removal of the temporary overhead utility lines and poles.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2521100

WIN 025211.00

BRIDGE NO. 5223

HIGHWAY PLANS

PROJ. MANAGER	M. PARLIN		
DESIGN-DETAILED	M. GRAY	N.PUKAY	NOV 2023
CHECKED-REVIEWED	R. MAYER	T. WHITE	JUL 2022
DESIGN2-DETAILED2	N.PUKAY	T. WHITE	NOV 2023
DESIGN3-DETAILED3			

	BY	DATE
REVISIONS 1	Revised Clearing Limit Line	NOV 2023
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

CLIFFORD BRIDGE
CLIFFORD STREAM
MARION TWP. WASHINGTON COUNTY

GENERAL PLAN

SHEET NUMBER

3

OF 21

CURVE DATA #1
PI = 13+33.03
D = 5°43'46.5"
Δ = 39°31'07.4" Lt.
R = 1000.00'
L = 689.73'
T = 359.22'
E = 62.56'

PT = STA. 16+63.55

N47°46'36.46"E

Sta. 15+40.3±, 22.8± Ft. Lt.

Clear Branches and Brush To Allow Acceptable Sight Distance To Temporary Traffic Signal

Sta. 13+03.0±, 24.6± Ft. Lt.

Approximate Location Of Abandoned Underground Telephone Line

Plain Riprap: To Be Used On Top Of Box and Above EL. 111.0 (Typ.)

5'-0" (Typ.)

Sta. 12+75 Limit of Work

To Edmunds TWP.

31" W-Beam Guardrail, Mid-Way Splice Flared Terminal (Typ.)

Existing Pole; Sta. 12+91.0±, 26.0± Ft. Rt.

Proposed Permanent Pole; Sta. 10+90.0±, 24.0± Ft. Rt. (To Be Installed After Construction Is Complete)

Proposed Permanent Pole; Sta. 12+85.0±, 27.0± Ft. Rt.

Existing Pole; Sta. 10+78.6±, 37.4± Ft. Rt.

Proposed Temporary Pole; Sta. 10+74.2±, 68.1± Ft. Rt.

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2521100

WIN 025211.00

BRIDGE NO. 5223

BRIDGE PLANS

PROJ. MANAGER	M. PARLIN		
DESIGN-DETAILED	M. GRAY	BY	DATE
CHECKED-REVIEWED	N.PUKAY	T. WHITE	JUL 2022
DESIGN2-DETAILED2	N.PUKAY	R. MAYER	NOV 2023
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CLIFFORD BRIDGE
CLIFFORD STREAM
MARION TWP. WASHINGTON COUNTY

GENERAL PLAN - EAST

SHEET NUMBER

3A

OF 21