



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
ACTING COMMISSIONER

January 7, 2019
Subject: Bridge Replacement Projects,
Multi-Use Trail, Bridge Construction &
Traffic Signal Improvements
State WINs: 018735.00, 018736.00,
018736.10 & 022684.00
Location: **Gardiner**
Amendment No. 3

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 74 – 77, SPECIAL PROVISION – SECTION 105 – GENERAL SCOPE OF WORK – (Intent of the Contract), 4 pages, dated September 27, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 105 – GENERAL SCOPE OF WORK – (Intent of the Contract), 4 pages, dated December 18, 2018.

In the Plan Set:

REMOVE SHEET NUMBER A36 OF A78, ABUTMENT NO. 2 PLAN & ELEVATION, and **REPLACE** with the attached SHEET NUMBER A36A OF A78, ABUTMENT NO. 2 PLAN & ELEVATION.

REMOVE SHEET NUMBER A37 OF A78, ABUTMENT NO. 2 SECTIONS, and **REPLACE** with the attached SHEET NUMBER A37A OF A78, ABUTMENT NO. 2 SECTIONS.

CHANGE on SHEET NUMBER F03 OF F05 – CONSTRUCTION STAGING, the first sentence in STAGED CONSTRUCTION NOTES, No. 1., which begins “Build temporary utility support...” to read “Build temporary utility support upstream of the existing bridge and construct new duct bank on the temporary support.” Make this change in pen and ink.

The following questions have been received:

Question: Amendment #2 includes cofferdams for the Bridge St. Abutments. Can the Arcade be closed during installation of cofferdams and construction of the new Bridge St. Abutments? #8 on P. 75 identifies when Arcade can be closed. There is no mention of the construction of the new abutments.

Response: Arcade closure under Bridge Street within the work zone for Abutment No. 1 cofferdam installation and abutment construction will be allowed, if not coincident with the Maine Avenue Bridge Closure Period. Items #8 and #9 in Special Provision 105 - Intent of Contract have been revised.

Question: Will the existing Bridge St. abutment #2 be stable when the existing backfill is removed to elevation +2.0 for the construction of the new abutment #2?

Response: Sheets A36 and A37 depict the existing north abutment 3 feet shallower than the height shown on the existing plans. This has been corrected on revised plan sheets A36A and A37A which now match the existing plans and plan sheet A4. The existing north abutment is expected to be stable when the existing fill in front of the abutment is removed for the construction of the proposed Abutment No. 2 and with subsequent superstructure removal. Please note this opinion is based on the dimensions shown on the existing plans which may not be as-builts. The Contractor shall notify the Department if the site conditions differ from what is shown as the work progresses. This assessment was performed with typical AASHTO loadings which may not fully capture the Contractor's proposed operations. The Contractor shall assess the stability of the existing abutment based on their means and methods as part of their bridge demolition plan.

Question: Will the Department be utilizing 65 gyration mixes for this project?

Response: No, a 75-gyration mix will be required, as stated in Special Provision 403.

Question: On page 66 of the Special Provisions says the new duct bank system must be complete and active prior to demo of existing bridge and duct bank system. Note #1 on F-03 of plans says to relocate existing conduit duct bank to temp support. These appear to be conflicting statements.

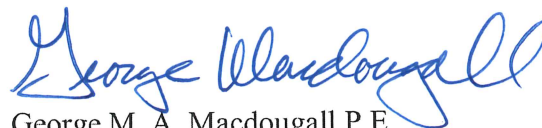
Response: The new duct bank shall be constructed on the temporary supports and be active prior to the existing duct bank removal and bridge demolition. See above pen and ink change.

Question: Assuming we are not reusing the existing conduit duct bank, who supplies the duct bank conduit and under which item is it paid?

Response: The existing conduit duct bank is not to be reused. The new duct bank shall be constructed with new conduit and permanent hangers supplied by the utility or its agent as noted on page 179 of the Special Provisions in Section 524.

Consider these changes and information prior to submitting your bid on **January 9, 2019**.

Sincerely,



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

SPECIAL PROVISION
SECTION 105
GENERAL SCOPE OF WORK
(Intent of the Contract)

Subsection 105.1 Intent of the Contract is amended by the addition of the following:

Supplemental Definitions:

Pre-Bridge Closure Period is defined from mobilization to when the Bridge Closure Period begins.

Bridge Street Bridge (No. 2101) - Bridge Closure Period will begin when two lanes of vehicular traffic are closed on the bridge. The A1 Diner has a written agreement in place with MaineDOT to close during the Bridge Closure Period. The Bridge Closure Period will be considered complete when two lanes of vehicular traffic (one in each direction), one ADA-compliant sidewalk, and the A1 Diner are reopened to the public, with the following items complete, in-place, and accepted: bridge deck waterproofing membrane, approach and bridge base pavement, bridge sidewalks and curbing, bridge railing, approach guardrail, and public sidewalk access to the A1 Diner dining car and its elevated walkway leading to its bathroom and kitchen. The Resident shall be the sole authority in determining when the Bridge Closure Period has started and ended.

Maine Avenue Bridge (No. 3098) - Bridge Closure Period will begin when two lanes of vehicular traffic are closed on the bridge and will be considered complete when two lanes of vehicular traffic (one in each direction) are reopened to the public on the completed bridge deck. Bridge sidewalk, curbing, bridge railing, approach guardrail, waterproofing membrane, and base course paving may be completed in the Post-Closure Period. If seasonal weather limitations restrict hot mix asphalt placement on the bridge, the bridge deck shall be protected with protective coating for concrete surfaces through the winter. Temporary asphalt paving shall be placed in the approaches. Concrete deck surface preparation prior to waterproofing membrane placement and final paving in the spring shall be in accordance with Standard Specifications Section 508. Application of the protective coating shall be considered incidental to the Contract.

The Resident shall be the sole authority in determining when the Bridge Closure Periods have started and ended.

Post-Bridge Closure Period is defined from when the Bridge Closure Period ends to the Contract Completion Date.

Limitations of Operations:

1. The Contractor shall suspend all work during the following dates:
 - a. Saturday, October 12, 2019 & October 10, 2020 (Saturday of Columbus Day weekend)- Swine and Stein Oktoberfest

- b. December 6, 2019 to December 7, 2019 & December 4, 2020 to December 5, 2020 (first weekend of December) - Downtown Tree Lighting & Parade of Lights
 - c. Saturday, June 15, 2019 & Saturday, June 20, 2020 - Greater Gardiner River Festival
- 2. The bridge and sidewalk shall not be closed until the detour signing has been installed and all temporary improvements have been completed on the detours. The closure maintenance of traffic details and work limits are shown on the Plans and described in Special Provision Section 652 – Maintenance of Traffic.
 - 3. Intermittent single lane and sidewalk closures are permissible for work that requires them in the Pre-Bridge Closure and Post-Bridge Closure periods. Lane and sidewalk closures on Bridge Street and Maine Avenue shall not be allowed from 7:00 A.M. to 9:00 A.M. and 4:00 P.M. to 6:00 P.M. and are subject to the approval of the Resident, unless otherwise specified herein.
 - 4. The water main service shall not be interrupted on both Bridge Street and Maine Avenue at the same time.

WIN 18735.00 Bridge Street Bridge

- 5. The Bridge Street Bridge shall remain open to two lanes of traffic (one in each direction), one lane of parallel parking, and one sidewalk of pedestrian traffic during non-working hours, except during the Bridge Closure Period.
- 6. The Bridge Street Bridge shall remain open to one lane of traffic, one lane of parallel parking, and one sidewalk of pedestrian traffic during working hours, except during the Bridge Closure Period.
- 7. A portion of the substructure units shall be constructed in the Pre-Bridge Closure Period so that Consolidated Communications can relocate to the notch in the proposed abutments before the Bridge Closure Period and the bridge slide-in occurs, as shown in the Plans. The bridge slide-in temporary abutments and staging area removal, surface course paving, remaining approach sidewalk and curb construction, final striping and signing, and remaining utility attachments to the proposed bridge are anticipated to occur after the Bridge Closure Period. See Special Provision Section 104 - Utilities and the Utility Plan in the Plans for details on utility relocations.
- 8. Arcade, which passes under the Bridge Street Bridge, shall be closed to vehicular and bicycle/pedestrian traffic within the work area during the Bridge Closure Period as shown in the Plans. In addition, Arcade can be closed in the Pre-Bridge Closure Period to allow for **Bridge Street Bridge Abutment No. 1 cofferdam installation and abutment construction**, Consolidated Communications' duct bank relocation and temporary utility support construction, and the proposed bridge slide-in temporary foundation and superstructure construction, **other than noted in #9 below**. Arcade can be closed in the Post-Bridge Closure Period until the Consolidated Communications duct bank is raised and attached to the

proposed bridge and temporary utility support is removed. At all other times, Arcade shall remain open to at least one lane of alternating traffic and one sidewalk. Parking along Arcade shall be maintained as shown in the Plans.

9. Consolidated Communications' temporary utility support over the stream and Arcade shall not be constructed until after the Maine Avenue Bridge Closure Period in order to maintain public and emergency response access to the Arcade public parking lot and the back side of Water Street buildings from one end of Arcade or the other at all times. **Other Arcade closures under Bridge Street permissible under #8 above shall not be coincident with the Maine Avenue Bridge Closure Period.**

WIN 18736.00 Maine Avenue Bridge

10. The Maine Avenue Bridge shall remain open to two lanes of traffic (one in each direction) and one sidewalk of pedestrian traffic during non-working hours, except during the Bridge Closure Period. The multi-use bridge shall be considered one sidewalk.
11. The Maine Avenue Bridge shall remain open to one lane of traffic and one sidewalk of pedestrian traffic during working hours, except during the Bridge Closure Period. The multi-use bridge shall be considered one sidewalk.
12. The Bridge Closure Period shall not begin until the multi-use bridge is complete, the detour signing has been installed, and all work has been completed on the local and truck detours. The closure maintenance of traffic details and work limits are shown on the Plans and described in Special Provision Section 652 - Maintenance of Traffic.
13. It is anticipated that the piles will be placed before the Bridge Closure Period occurs. The surface course paving, downstream sidewalk concrete placement, remaining approach sidewalk and curbing construction, final striping and signing, and remaining utility attachments to the proposed bridge are anticipated to occur after the Bridge Closure Period. See Special Provision Section 104 - Utilities and the Utility Plan in the Plans for details on utility relocations.
14. It is anticipated that the proposed northeast retaining wall will be constructed in the Bridge Closure Period with completion in the Post-Bridge Closure Period with two lanes shifted as shown in the Plans.
15. Public access to the east Arcade entrance from Maine Avenue may be closed within the work area during the Bridge Closure Period as shown in the Plans. Public access shall be maintained to the Harvey's Hardware and Tiger Town parking lot directly from Maine Avenue and from Arcade from the west via Water Street at all times during the Bridge Closure Period. The number of parking spaces in this business lot shall be maintained during the Bridge Closure Period as shown in the Plans. Maintaining this public access and parking is subject to Contractor penalties as shown in Special Provision Section 107 - Supplemental Liquidated Damages.

Gardiner
WINS 18735.00,
18736.00
January 7, 2019

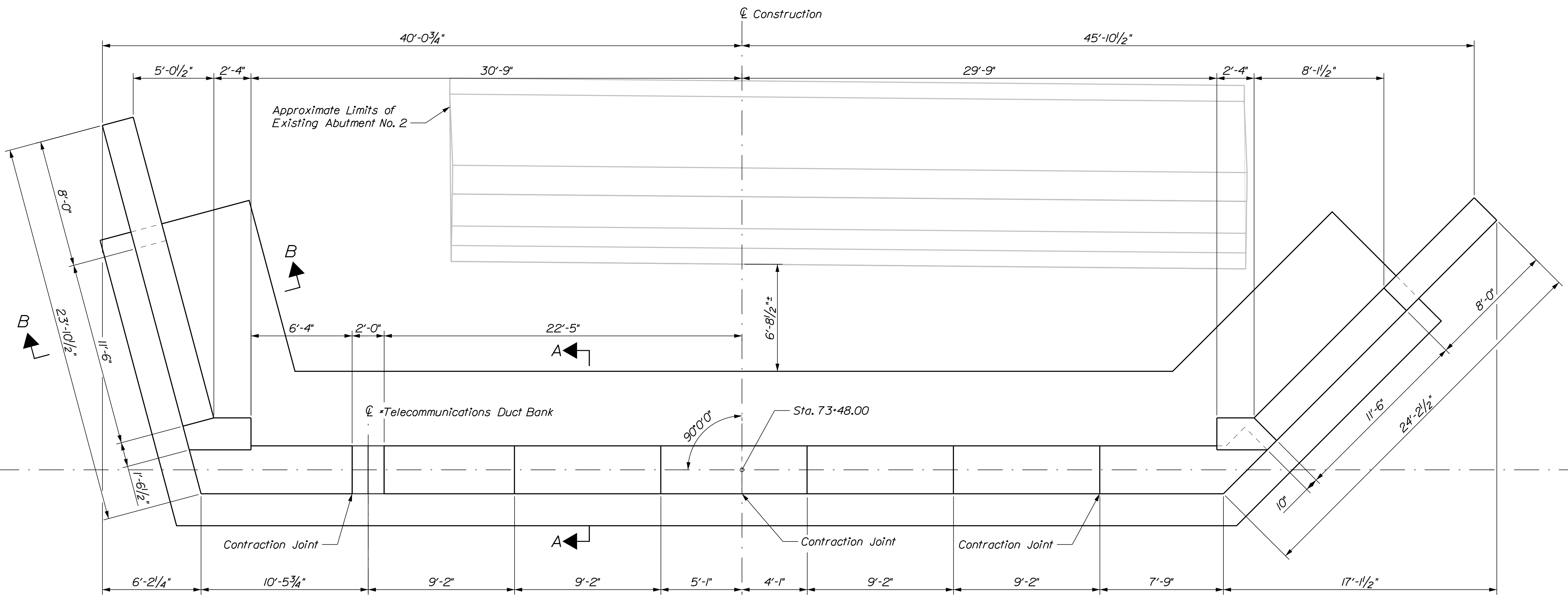
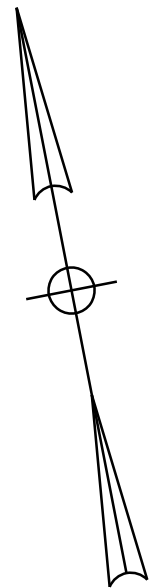
16. Emergency response access, including the City fire department's 105 foot ladder truck, shall be maintained through the Bridge Closure Period work zone from Maine Avenue to Arcade and the fire hydrant at STA 155+60 Right at all times. This access cannot be through the Harvey's Hardware and Tiger Town parking lot or the adjacent private driveways. It shall be 11 foot minimum in width, allow for ladder truck turning, be constructed of at least graded gravel, and be barricaded from public access. The existing Bridge Street Bridge does not have enough vertical clearance over Arcade to allow passage of the ladder truck. Maintaining this emergency access is subject to Contractor penalties as shown in Special Provision Section 107 - Supplemental Liquidated Damages.

Date:12/19/2018

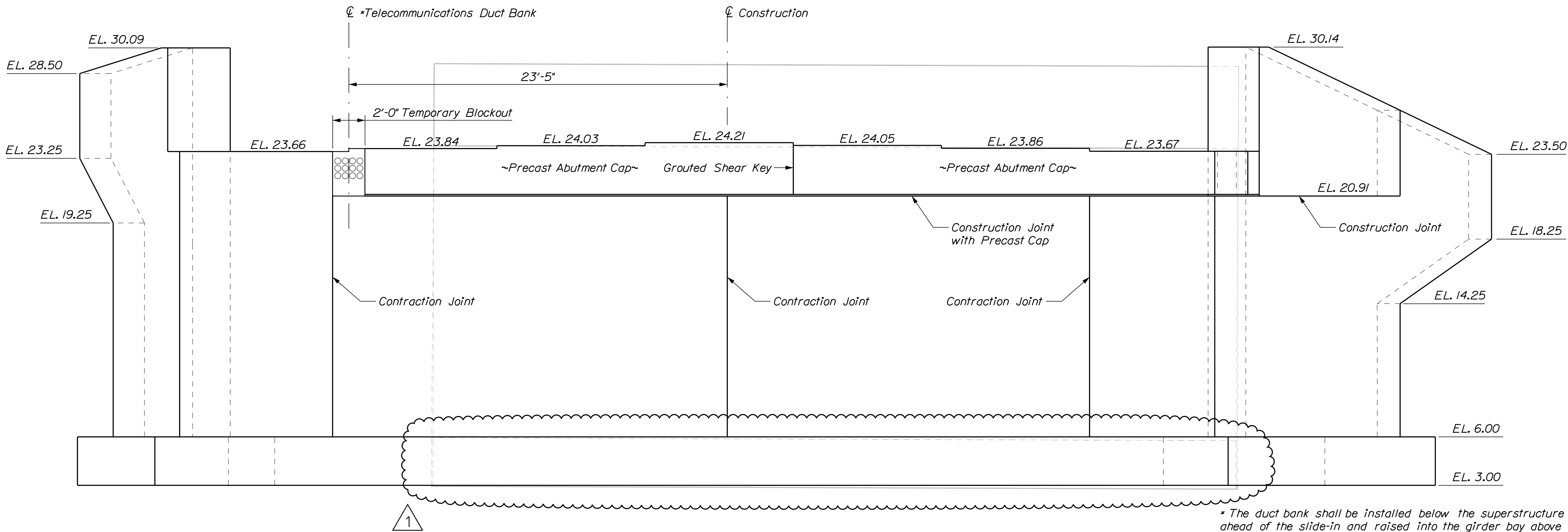
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PLAN - ABUTMENT NO. 2



ELEVATION - ABUTMENT NO. 2

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
STP-1873(500)	
WIN	BRIDGE PLANS
BRIDGE NO. 2101	18735.00

PROJ. MANAGER	L. TIMBERLAKE	BY	DATE
DESIGN-DETAILED	DOT	DOT	SEPT. 2018
CHECKED-REVIEWED	LSF	TWM	SEPT. 2018
DESIGN-DETAILED			
REVISIONS 1	EXISTING	FOOTING DEPTH	12/19/18
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BRIDGE STREET BRIDGE	KENNEBEC COUNTY
COBOSSECONTEEE STREAM	
GARDINER	
ABUTMENT NO. 2	
PLAN & ELEVATION	

SHEET NUMBER
A36A
OF A78



