



# TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, including back up information, 8 days prior to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to the requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

## MEETING INFORMATION

Date Submitted: September 5, 2023      Date of Meeting: September 14, 2023  
 Submitted by: Dawn Tuomala      Time Required: 15 minutes  
 Department: DPW - Admin      Background Info. Supplied: Yes  No   
 Speakers: Dawn Tuomala

## CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment:	<input type="checkbox"/>	Recognition/Resignation/Retirement:	<input type="checkbox"/>
<b>Public Hearing:</b>	<input type="checkbox"/>	Old Business:	<input checked="" type="checkbox"/>
New Business:	<input checked="" type="checkbox"/>	Consent Agenda:	<input type="checkbox"/>
Nonpublic:	<input type="checkbox"/>	Other:	<input type="checkbox"/>

## TITLE OF ITEM

**Amherst Road Bridge Emergency Repairs**

## DESCRIPTION OF ITEM

We are requesting that the Town Council authorize the withdrawal of the funds from the Road Infrastructure Capital Reserve Fund and to be designated for the emergency expansion joint repair totaling \$156,970.00 (see the attached Proposal).

## REFERENCE (IF KNOWN)

RSA:	Warrant Article:
Charter Article:	Town Meeting:
Other:	N/A:

## EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector:	<input type="checkbox"/>	Grant Requirements:	<input type="checkbox"/>
Easel:	<input type="checkbox"/>	Joint Meeting:	<input type="checkbox"/>
Special Seating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Laptop:	<input checked="" type="checkbox"/>	None:	<input type="checkbox"/>

## CONTACT INFORMATION

Name:	Address:
Phone Number:	Email Address:

## APPROVAL

Town Manager: Yes  No       Chair/Vice Chair: Yes  No

Hold for Meeting Date:



## TOWN OF MERRIMACK INTER-DEPARTMENT COMMUNICATION

**DATE:** September 5, 2023

**AT (OFFICE):** Department of Public Works

**To:** Paul Micali, Town Manager

**FROM:** Dawn B. Tuomala, PE, LLS, CWS  
DPW Director

**SUBJECT:** **Amherst Road Bridge over Souhegan River  
Emergency Expansion Joint Bridge Repair**

The intent of this project is to make an emergency repair to the Expansion Joint in the bridge over the Souhegan River on Amherst Road. We are requesting that the Town Council authorize the withdrawal of the funds from the Road Infrastructure Capital Reserve Fund designated for the Road Improvements totaling \$156,970.00 (see the attached Proposal).

The project will involve the removal of the existing expansion joint, deck end, brush curbs as necessary to create a new expansion joint behind the back wall. The assumption is that the concrete is serviceable and that no concrete repair work is included in the estimate.

The work for this construction will require road closure. The Town will be in charge of implementing and maintaining the detours. The School Bus companies for both Amherst and Merrimack have been notified along with the Police and Fire Departments. The Town of Amherst DPW has been notified of the closures and is willing to provide any assistance as needed. Message boards will be put out prior to any closure warning the general public. The work is anticipated to take up to 4 to 5 weeks.

The bridge will also require more repairs within the next 10 years. This work has been requested to be included within the Capital Improvements Plan for the coming years.

Should you have any questions please let me know,

**CC:** File  
Attachments: 2



141 Smith Bridge Road  
 P.O. Box 490  
 Plymouth, NH 03264

(603)536-4154  
 (603)536-3429 Fax  
 www.rmpiper.com

# PROPOSAL

SUBMITTED TO:	<b>Town of Merrimack</b>	PHONE	<b>(603)424-5137</b>	DATE:	<b>09/01/2023</b>
ATTENTION:	<b>Dawn Tuomala, DPW Director</b>	EMAIL	<b>dtuomala@merrimacknh.gov</b>		
STREET:	<b>6 Baboosic Lake Road</b>	JOB NAME:	<b>Expansion Joint Replacement</b>		
CITY, STATE, ZIP:	<b>Merrimack, NH 03054</b>	JOB LOCATION:	<b>Amherst Road over Souhegan River</b>		

***WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:***

**Scope of Work and Conditions:**

Remove existing expansion joint, deck end, brush curbs as necessary to create a new expansion joint behind the backwall, as shown on the sketches from QCC dated 8-23-23.

The condition of the existing backwall and approach slab is assumed to be serviceable, so no concrete repair work is included in our price.

Reconstruction will include the backwall bearing surface, deck end, and a new stub wall attached to the existing approach slab.

An Emseal or Wabo compressed seal will be used for the expansion joint.

The bridge deck membrane will be repaired with an NHDOT approved peel and stick membrane product.

The Town will implement and maintain the detour, and the bridge will be closed for the duration of the project, which will be up to 4 to 5 weeks.

<b>Total Cost (LUMP SUM):</b>	<b>\$156,970.00</b>
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**WE PROPOSE** HEREBY TO FURNISH MATERIAL AND LABOR – COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF: **One Hundred Fifty-Six Thousand, Nine Hundred Seventy Dollars and No Cents.**

PAYMENT TO BE MADE AS FOLLOWS: **NET DUE UPON COMPLETION, NO RETAINAGE TO BE HELD.**

AUTHORIZED SIGNATURE: \_\_\_\_\_

*John C. Bousquet*  
 John C. Bousquet, Vice President

NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN **30** DAYS.

**ACCEPTANCE OF PROPOSAL** - THE ABOVE PRICES, SPECIFICATIONS, AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

Signature: \_\_\_\_\_

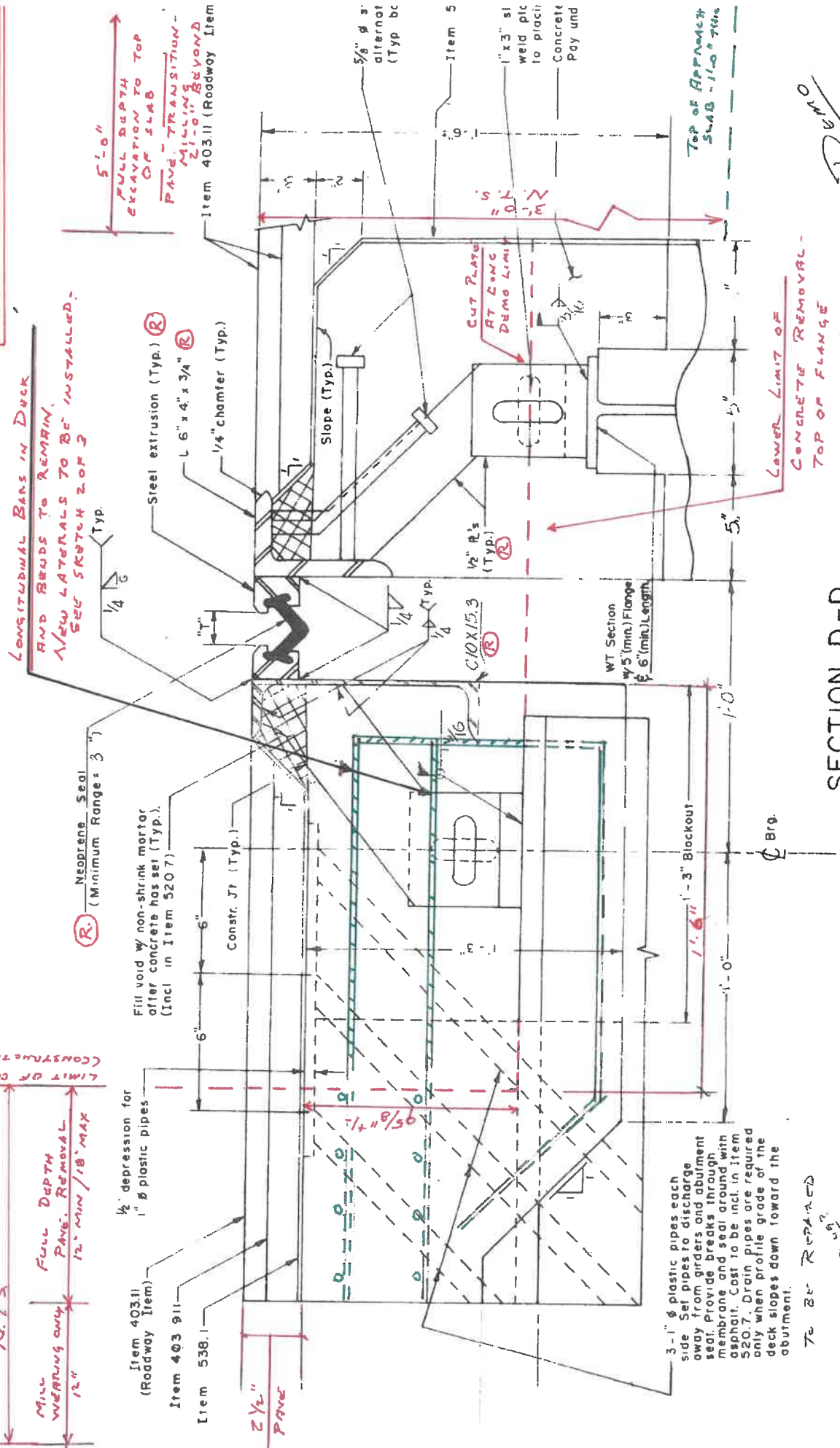
Title: \_\_\_\_\_

Printed: \_\_\_\_\_

Date: \_\_\_\_\_

AMHERST Rd OVER SEANEGAN  
METRIMAC, NH  
SKETCHES BY QCC  
8-23-2023

N.T.S.  
MILL WEARINGS ONLY  
12" FULL DEPTH  
PAVE. REMOVAL  
12" MIN / 18" MAX  
LIMIT OF CONC. DEMO  
(CONSTRUCTION LAYOUT)



LONGITUDINAL BARS IN DECK  
AND BIRDS TO REMAIN.  
NEW LATERALS TO BE INSTALLED.  
SEE SKETCH 2 OF 3

(R) Neoprene Seal  
(Minimum Range = 3")  
Fill void w/ non-shrink mortar  
after concrete has set (Typ.).  
(Incl in Item 520.7)

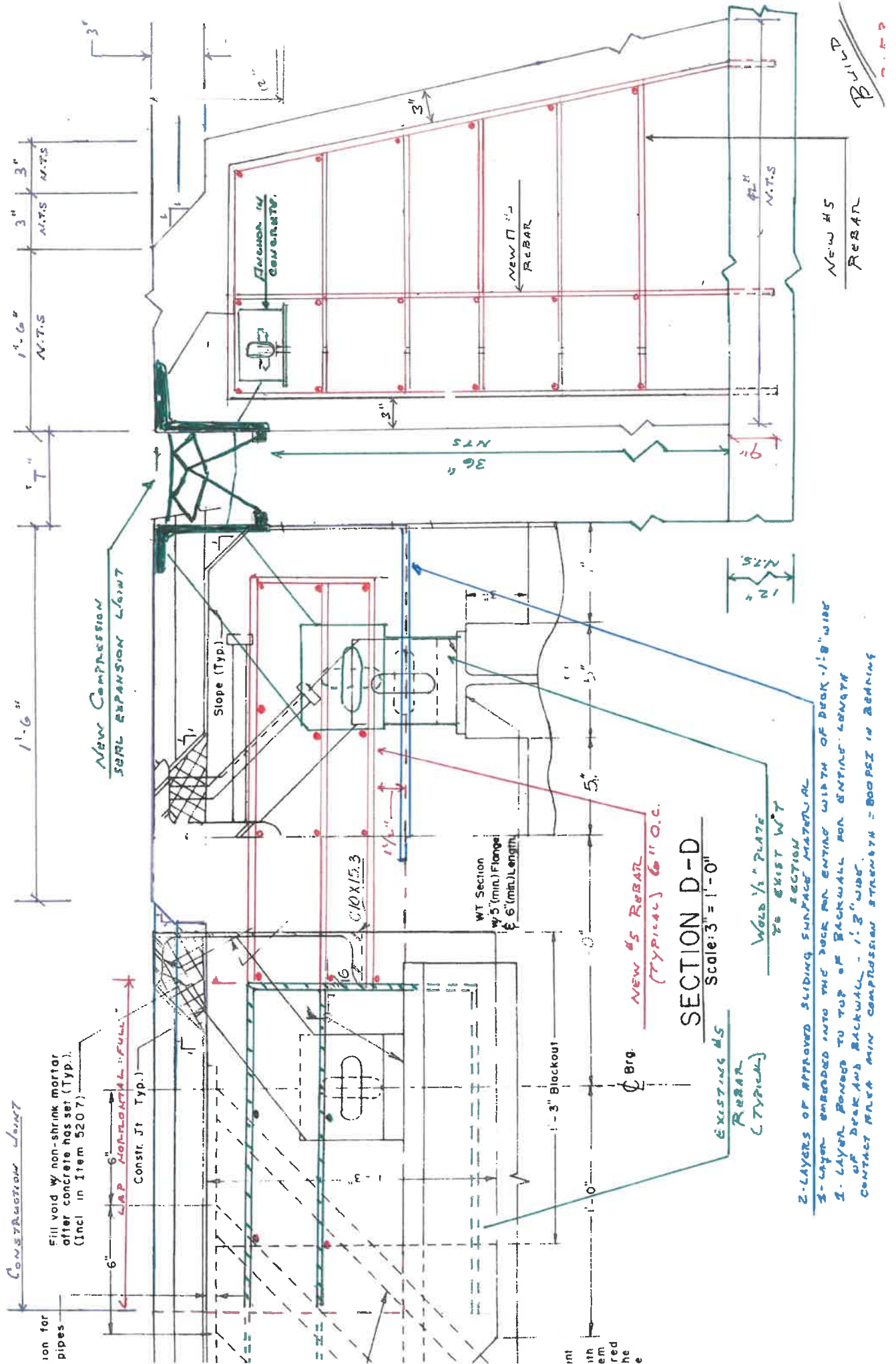
Item 403.11  
(Roadway Item)  
Item 403.911  
Item 538.1  
2 1/2" PAVE

3-1/2" plastic pipes each  
side Set pipes to discharge  
away from girders and abutment  
seal. Provide breaks through  
membrane and seal around with  
asphalt. Cost to be incl. in Item  
520.7. Drain pipes are required  
only when profile grade of the  
deck slopes down toward the  
abutment.

To BE REPAIRED

SECTION D-D  
Scale: 3" = 1'-0"

DMB



CONSTRUCTION JOINT

Fill void w/ non-shrink mortar after concrete has set (Typ.) (Incl in Item 5207)

LAP HORIZONTAL FULL

Constr. Jt Typ.

Slope (Typ.)

WT Section w/ 5 (min) Flange 6 (min) Length

Ø 10 x 15.3

1-3" Blockout

EXISTING #5 REBAR (TYPICAL)

NEW #5 REBAR (TYPICAL) 6" O.C.

Weld 1/2" PLATE TO EXIST WT

SECTION D-D

Scale: 3" = 1'-0"

SECTION MATERIAL

2-LAYERS OF APPROVED SLIDING SURFACE MATERIAL

3-LAYER EMBEDDED INTO THE DECK FOR ENTIRE WIDTH OF DECK - 1/8" WIDE

1-LAYER BOWED TO TOP OF BACKWALL FOR ENTIRE LENGTH

OF DECK AND BACKWALL - 1/8" WIDE

CONTACT PLATE MIN COMPRESSIVE STRENGTH = 800 PSI IN BEARING

NEW #5 REBAR

EXISTING #5 REBAR

Weld 1/2" PLATE TO EXIST WT

SECTION MATERIAL

2-LAYERS OF APPROVED SLIDING SURFACE MATERIAL

3-LAYER EMBEDDED INTO THE DECK FOR ENTIRE WIDTH OF DECK - 1/8" WIDE

1-LAYER BOWED TO TOP OF BACKWALL FOR ENTIRE LENGTH

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