December 3, 2019

Addendum 1
ITB# 19-49-207718
Purchase of Rail Car Plank Spring Assemblies

Addendum number 1 is issued for Clarification

The Closing Date for this has changed. This ITB will close as follows:
Proposals will be received until December 9, 2019 @ 3:00 PM local Alaska time.

CLARIFICATION:

There is an inconsistency with the drawing for item #6 and the bill of material call out. The BOM says 1" thick. The detail on page one at the bottom of the drawing says 2" thick.

The part in question has a 2" thickness. Please see the revised drawing attached.

All other terms and conditions remain unchanged.
If there are any questions regarding this addendum please let me know.

Thank you,

Greg Goemer
Sr. Contract Administrator
Alaska Railroad Corporation
## Bill of Materials

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>NO. REQUIRED</th>
<th>ITEM DESCRIPTION</th>
<th>SIZE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>SPRING PLANK BODY</td>
<td>2' 1/4&quot; X 1' X 5' 6 3/8&quot;</td>
<td>ASTM A514</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>SPRING PLANK SEAT</td>
<td>4' X 1 1/4&quot; X 9 7/8&quot;</td>
<td>ASTM A35</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>SPRING PLANK WEAR PLATE</td>
<td>3 3/4&quot; X 1/4&quot; X 9 7/8&quot;</td>
<td>ASTM A555</td>
</tr>
<tr>
<td>4</td>
<td>15</td>
<td>RETAINING LUG</td>
<td>3/4&quot; X 2&quot; X 3&quot;</td>
<td>ASTM A55</td>
</tr>
<tr>
<td>5</td>
<td>15</td>
<td>RETAINING LUG</td>
<td>3/4&quot; X 2&quot; X 3&quot;</td>
<td>ASTM A55</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>SPRING PERCH SPACER</td>
<td>0 3/4&quot; X 6 3/4&quot; X 2&quot;</td>
<td>ASTM A55</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>PAINTING SPEC</td>
<td>SINGLE STAGE EPOXY PRIMER</td>
<td>ANY COLOR</td>
</tr>
</tbody>
</table>

### Notes:
1. Material certification and metallurgical test reports to be provided for all material supplied.
2. Cut spring plank body from raw material with grain aligned to the 5"-6 3/8" direction using water jet cut to minimize part heating.
4. Third party magnetic particle inspection per ASTM E709, acceptance criteria per ASTM Type I, degree L.
5. Stencil one side with low stress stamp. 3/4" high characters: Manufacturer's identification. Date made. Manufacturer's serial no. Part number - ARRJ36633.
6. All welds to be made with CNAM ER70S-XXX-XX electrodes or equivalent unless otherwise noted.
7. All welds shall be qualified for the weld procedure per AWS D15.1.
8. All weld spatter and slag shall be removed.
9. Provide Charpy V-notch impact toughness for A514 plate per ASTM E23; minimum value of 35 ft/lb @ -20°F.
10. Preheat spring plank body to minimum interpass temp of 125°F, max 400°F during welding operations.

### Material Specification:
- STEEL - ASTM A514 OR EQUIVALENT - 1" PLATE

### Mechanical Properties:
- YIELD: 100,000 PSI
- TENSILE: 115,000 PSI
- ELONGATION IN 8" 15%
BUCKEYE TRUCK SPRING PLANK

VIEW B-B
ROTATED 90°

VIEW B-B
ROTATED 90°

TYP., 8 PLACES, AND NO STAINLESS ELECTRODES OR EQUIVALENT
1/4" 3" - 6 5/8"

TYP., 8 PLACES
1/2" 1/4"

TYP., 16 PLACES
1/4"

TYP., 16 PLACES
1/4"

TYP., 8 PLACES
1/4"

SECTION A-A

BUCKEYE TRUCK SPRING PLANK

ALASKA RAILROAD CORPORATION

MOTIVE POWER AND EQUIPMENT

ASSEMBLY AND DETAILS

BUCKEYE TRUCK SPRING PLANK

MOTIVE POWER AND EQUIPMENT

BUCKEYE TRUCK SPRING PLANK