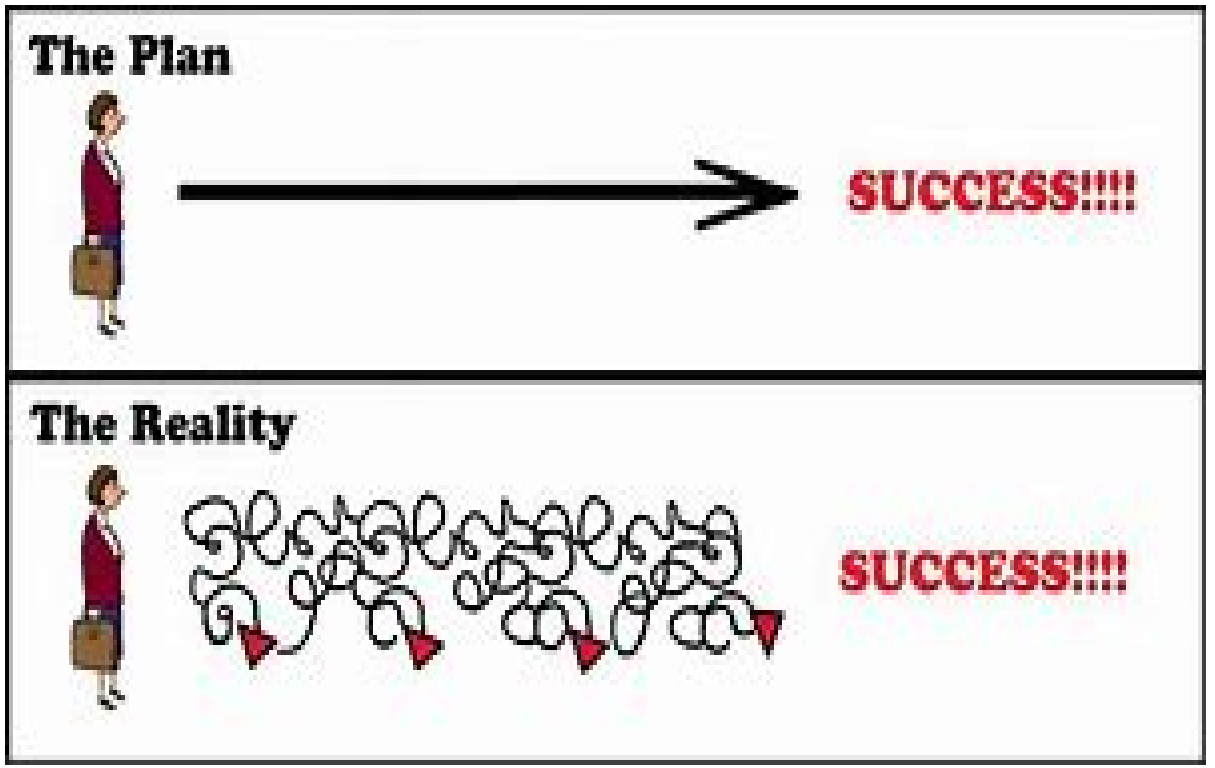
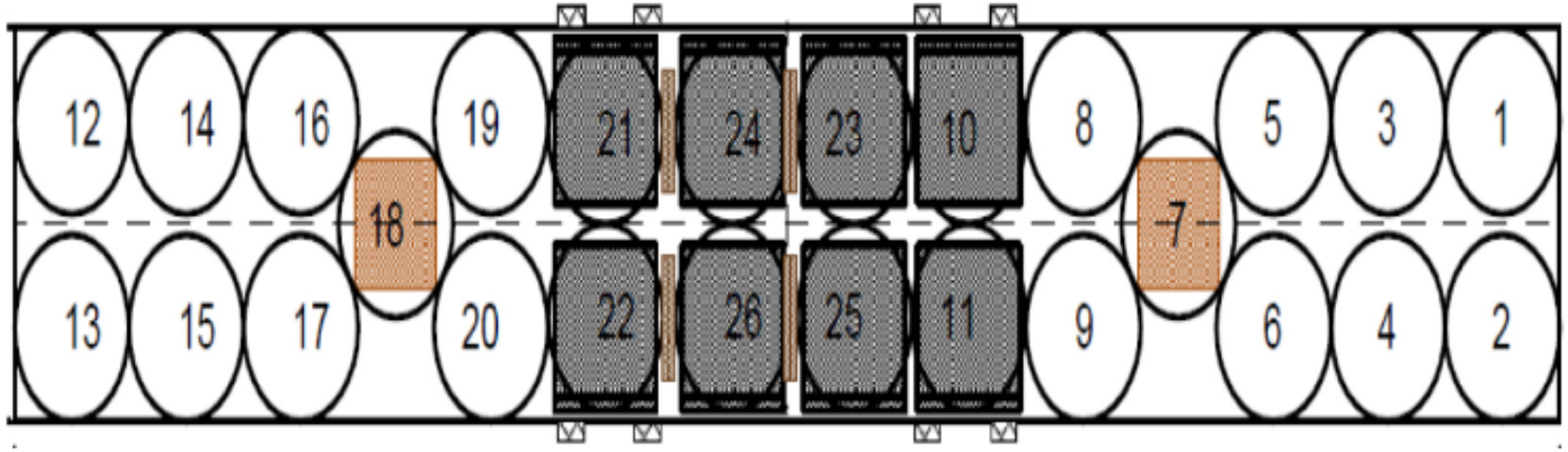

The Plan
SUCCESS!!!!
The Reality
SUCCESS!!!!

WestRock

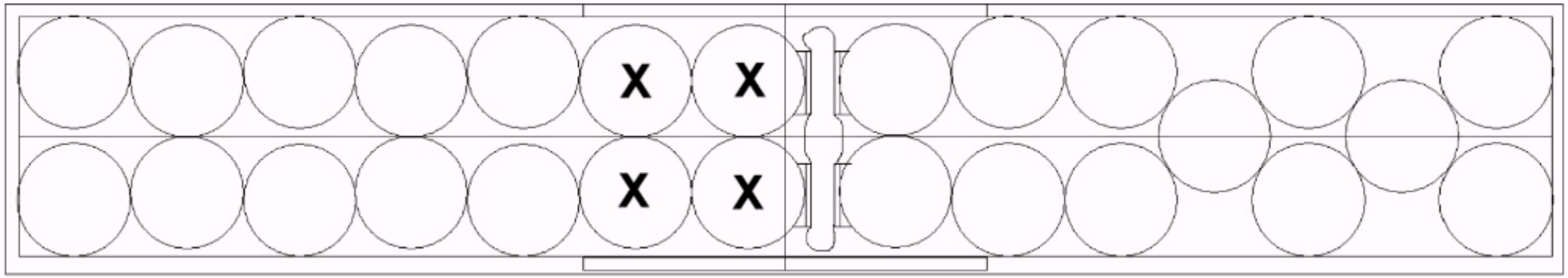
Test Plan

60 foot car with 16 foot doors

54 Diameter rolls



60'9'' x 9'6'' Boxcar – 16 Foot Double Doors



Rolls Marked with "X" or "Y" - Must be Unitized as Illustrated in AAR G.I.S. No. 668

54 Inch Diameter Rolls

DRAWING:			DATE:
54D60FT.JPG	CN	John Green Senior Manager Damage Prevention and Freight Claims	January 10, 2012

Association of American Railroads
c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 15-17 Origin Inspection Report

INSTRUCTIONS:

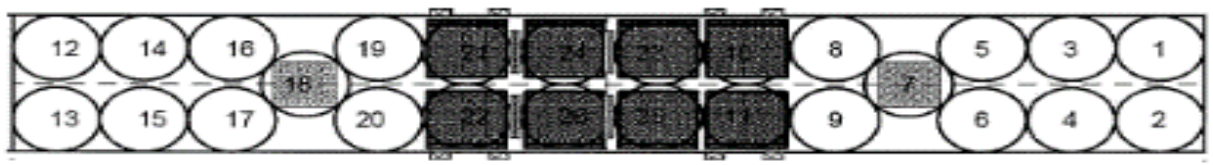
1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)
2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.
3.) Note the location, type and size of all fillers, and measure and record the distance between the rolls they separate.
4.) Measure and record the distances between the doorway rolls and the doors (10, 11 and 21-26) on both sides.
5.) Photograph the dunnage from the doorway and from the top (if possible).
6.) Ensure rubber mats are installed in locations 10, 11 and 21-26 with the outer edge (towards the doors) folded under. Record mat Size: 48X 52
7.) Submit the completed form and photos to DPLS@aar.com, referencing car number and initial in the subject line.

4.) Measure to Door	
Roll 10	3 1/4
Roll 23	3 1/2
Roll 24	4
Roll 21	3 3/8
Roll 22	3
Roll 26	8 1/8
Roll 25	3
Roll 11	3 1/4

3). Location	Void (in.)	Type of void filler	Thickness
21 and 24	2	Honey	9x 3"
24 and 23	1	" "	
23 and 10	1	" "	
22 and 26	2	" "	1x 3" 1x 1"
26 and 25	1	" "	1x 3"
25 and 11	1	" "	1x 3"

1.) A End

1.) B End



2.) End Wall Voids	
Left	Right
ø	ø

2.) End Wall Voids	
Left	Right
ø	ø

ORIGIN

DESTINATION

Association of American Railroads
c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 15-17 Destination Inspection Report

Please complete all information fields on the load diagram.

1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)
2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.
3.) Note the location, type and size of all fillers measure and record the distance between the rolls they separate.
4.) Measure and record the distances between the doorway rolls and the doors (10, 11 and 21-26) on both sides.
5.) Photograph the dunnage from the doorway and from the top (if possible).
6.) Are rubber mats in position at all locations?

Yes ☒ No ☐ Explain _____

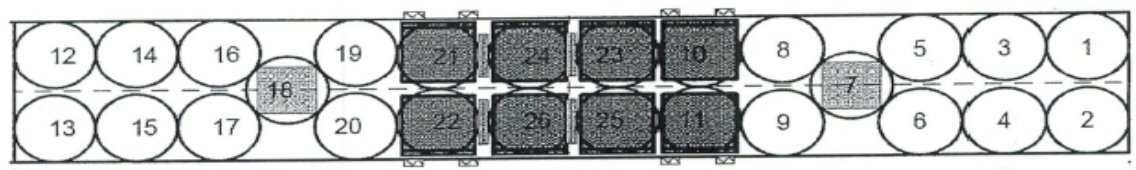
7.) Submit the completed form and photos to DPLS@aar.com, referencing car number and initial in the subject line.

4.) Measure to Door	
Roll 10	4 1/2
Roll 23	4 3/4
Roll 24	3 1/2
Roll 21	3 1/2
Roll 22	3 1/2
Roll 26	3 3/4
Roll 25	2
Roll 11	1 1/2

3). Location	Void (in.)	Condition of void filler
21 and 24	3 IN	Good
24 and 23	2 x 1 IN	
23 and 10	1 IN	Void of 2 3/4 IN.
22 and 26	3 IN	Good
26 and 25	3 IN	Good
25 and 11	3 x 1 IN	Good

1.) A End

1.) B End



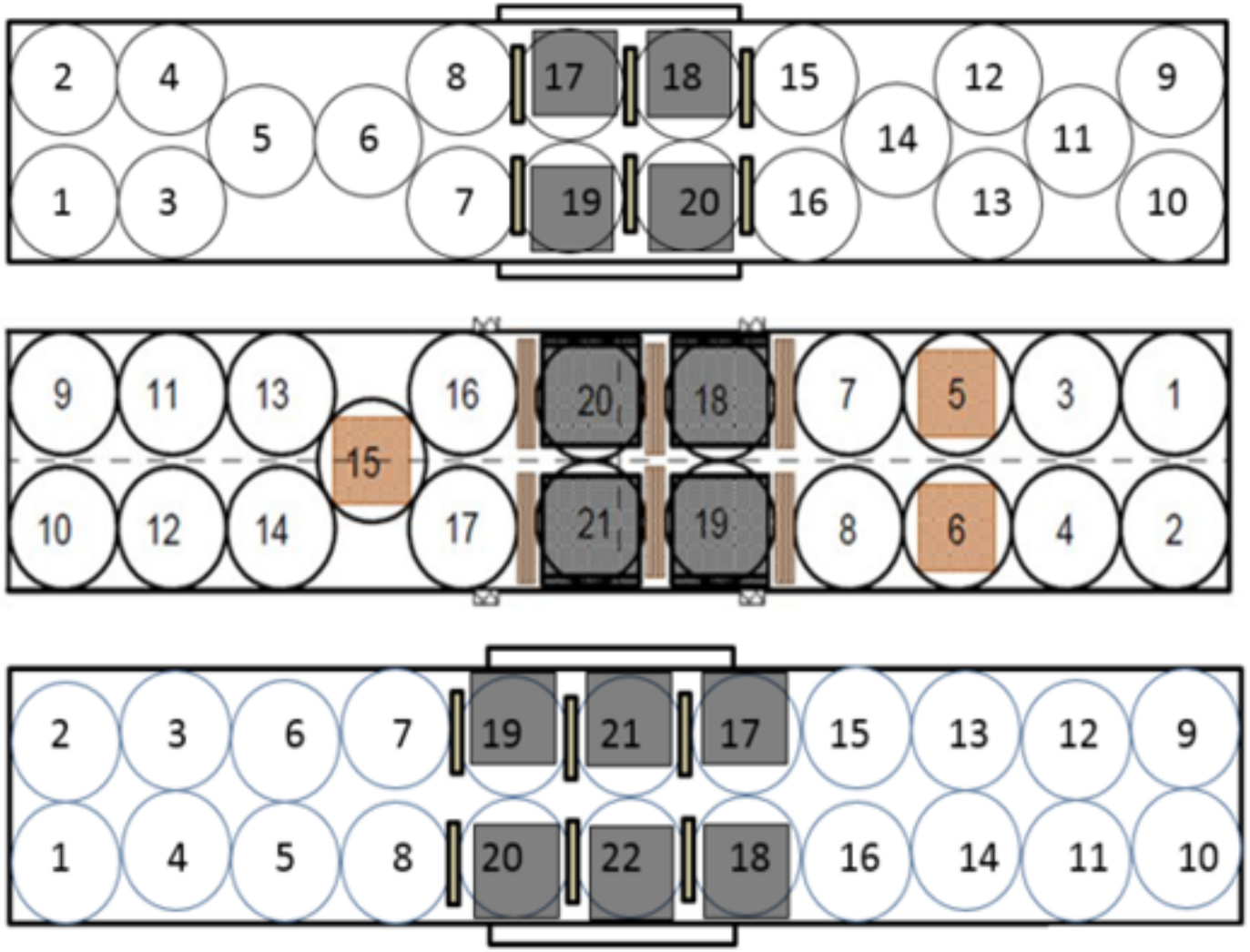
2.) End Wall Voids	
Left	Right
1 1/4 IN	1/2 IN

2.) End Wall Voids	
Left	Right
1 IN	1/2

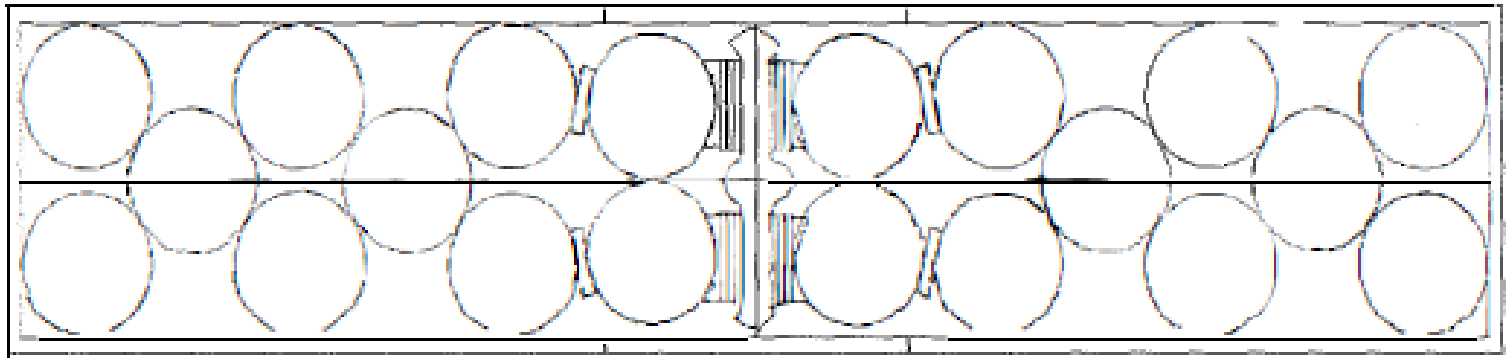
Test Plan

50 foot car

54 Diameter rolls



54 Inch Diameter - 50'6" x 9'6" Boxcar - 20 Floor Spots



DRAWING:			DATE:
54D2096B.JPG	CN	John Green Senior Manager Damage Prevention and Freight Claims	

Association of American Railroads

c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 14-17 Origin Inspection Report

INSTRUCTIONS:

1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)

2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.

3.) Note the location, type and size of all fillers, and measure and record the distance between the rolls they separate.

4.) Measure and record the distances between the doorway rolls and the doors (18 - 21) on both sides.

5.) Photograph the dunnage from the doorway and from the top (if possible).

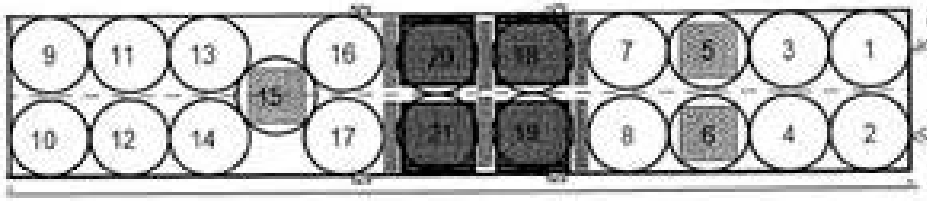
6.) Ensure rubber mats are installed in locations 18 – 21 with the outer edge (towards the doors) folded under. Record mat Size: 4F X 5'2"

7.) Submit the completed form and photos to DFLS@aar.com, referencing car number and initial in the subject line.

4.) Measure to Door	
Roll 18	4 1/2
Roll 19	3 1/2
Roll 20	4 1/2
Roll 21	3 3/4

3). Location	Void (in.)	Type of void filler	Thickness
16 and 20	9"	Dunnage	3x3"
20 and 18	9"	"	3x3"
18 and 7	9"	"	2x3"
17 and 21	9"	"	3x3"
21 and 19	9"	"	3x2"
19 and 8	9"	"	3x3"

1.) A End



1.) B End

Dunnage 1x3" 2x1"

Dunnage 1x3" 2x1"

2.) End Wall Voids	
Left	Right
4"	4"

2.) End Wall Voids	
Left	Right
5"	5"

Association of American Railroads
c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 14-17 Destination Inspection Report

Please complete all information fields on the load diagram.

1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)
2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.
3.) Note the location, type and size of all fillers measure and record the distance between the rolls they separate.
4.) Measure and record the distances between the doorway rolls and the doors (18 - 21) on both sides.
5.) Photograph the dunnage from the doorway and from the top (if possible).
6.) Are rubber mats in position at all locations?

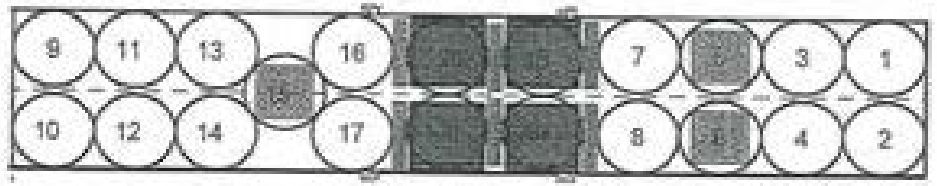
Yes ☑ No ☐ Explain _____

7.) Submit the completed form and photos to DFLS@aar.com, referencing car number and initial in the subject line.

4.) Measure to Door	
Roll 18	- 5 7/8"
Roll 19	7 3/4"
Roll 20	4 3/4"
Roll 21	2 3/8

3). Location	Void (in.)	Condition of void filler
16 and 20	9"	G. wood
20 and 18	9"	" "
18 and 7	9"	" "
17 and 21	9"	" "
21 and 19	9"	" "
19 and 8	9"	" "

1.) A End



1.) B End

2.) End Wall Voids	
Left	Right
0"	0"

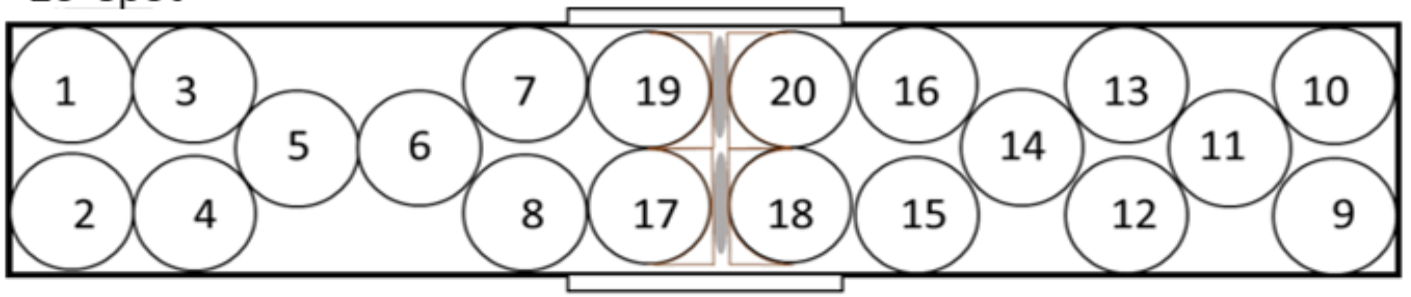
2.) End Wall Voids	
Left	Right
5"	5"

Test Plan

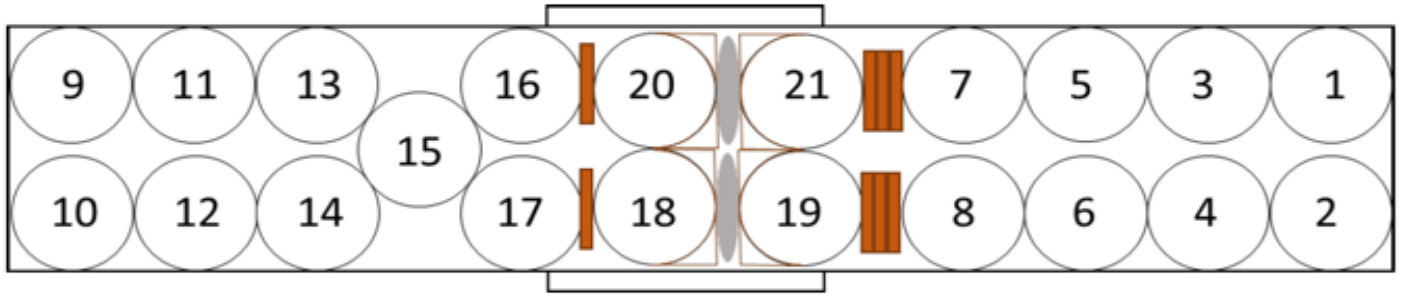
50 foot car

54 Diameter rolls

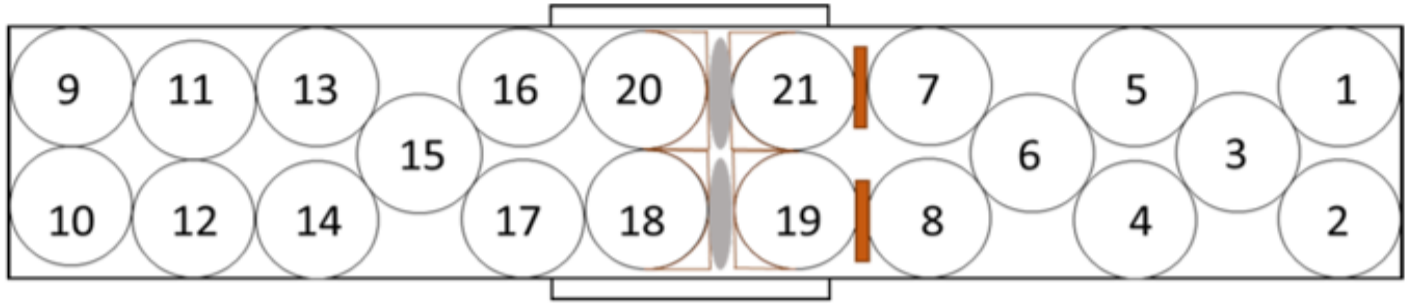
20 spot



21 spot



22 spot



Association of American Railroads
c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 19-18 Origin Inspection Report

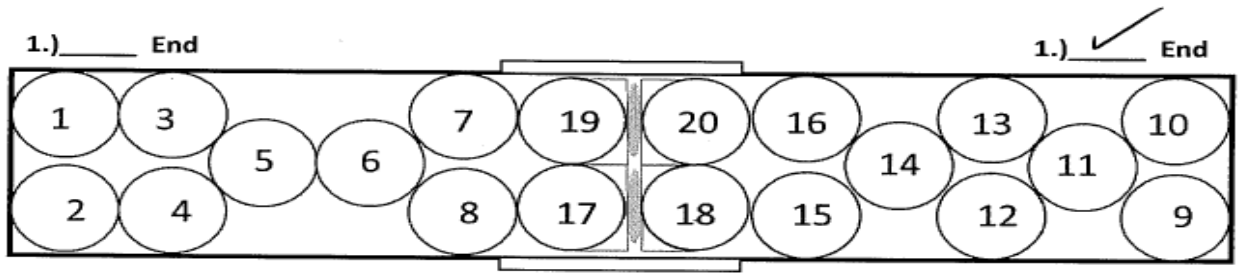
INSTRUCTIONS:

1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)
2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.
3.) Note the location, type, size, and psi of both vertical airbags and measure and record the distance between the rolls they separate.
4.) Are contour pads applied between airbags and rolls? Yes: ✓ No: _____ Size: 108"
5.) Measure and record the distances between the doorway rolls and the doors on both sides.
6.) Photograph the dunnage from the doorway and from the top (if possible).
7.) Ensure doorway protection straps are installed on both doorways per doorway protection requirements. Record Strapping Type/Grade: AAR 105 WOSD Number of Straps per doorway: 3
8.) Measure and record the location of additional dunnage used to fill voids or line walls.
9.) Submit the completed form and photos to DPLS@aar.com, referencing car number and initial in the subject line.

4.) Measure to Door	
Roll 17	3
Roll 18	3
Roll 19	3
Roll 20	3

3). Location	Type & Size:	Void Filled (in):	Pressure (psi):
Rolls 19 & 20	132"	10"	8"
Rolls 17 & 18	132"	10"	8"

☑ **20 Spot Load:**



2.) End Wall Voids	
Left	Right

2.) End Wall Voids	
Left	Right
0	0

ORIGIN

DESTINATION

Association of American Railroads
c/o Transportation Technology Center, Inc., P.O. Box 11130, 55500 DOT Road, Pueblo, CO 81001

FL 19-18 Destination Inspection Report

Please complete all information fields on the load diagram.

1.) Label the ends of the car in the diagram, either A end or B end. The B end of the car is where the brake wheel is located. (With your back to the B end of the car, your left hand points to the left side of the car.)
2.) Measure and record the distance between the rolls loaded in the ends of the car and the car end walls.
3.) Note the location, type, size, and psi of both vertical airbags and measure and record the distance between the rolls they separate.
4.) Measure and record the distances between the doorway rolls and the doors on both sides.
5.) Photograph the dunnage from the doorway and from the top (if possible).
6.) Measure and record the location of additional dunnage or contour pads used to fill voids or line walls.
7.) Are doorway protection straps still tight without slacking or roll to door contact?

Yes ☑ No ☐ Explain Straps tight and in good condition

8.) Submit the completed form and photos to DPLS@aar.com, referencing car number and initial in the subject line.

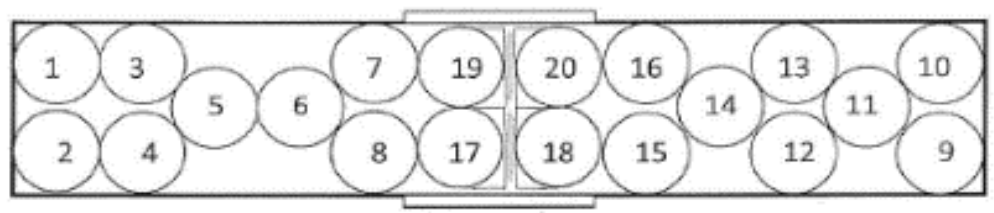
4.) Measure to Door	
Roll 17	6"
Roll 18	2"
Roll 19	6.5"
Roll 20	2.5"

3). Location	Type & Size:	Void Filled (in):	Pressure (psi):
Rolls 19 & 20	Contour pad	1	8
Rolls 17 & 18	Contour pad	1	8

1.) A End

☑ 20 Spot Load:

1.) B End



2.) End Wall Voids	
Left	Right
0	0

2.) End Wall Voids	
Left	Right
0	0

General Information Series No. 807

54 in. Diameter Roll Paper in 60 ft. Cushioned Boxcars with 16 ft. Wide Plug Doors

(CCLG Part 2, 7.10.8; Section 8, 60 ft Cars – 54 in. Diameter Rolls)

Approved by
DAMAGE PREVENTION & FREIGHT CLAIM COMMITTEE
Association of American Railroads

Issued
April 2019

Published by
Association of American Railroads/TTCI
Damage Prevention and Loading Services
55500 DOT Road
Pueblo, CO 81001

(Printed in U.S.A.)
© 2019

General Information Series No. (Pending)

54 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars with 20 Floor-Spots

(CCLG Part 2, Section 8; 50 ft Cars – 54 in. Diameter Rolls)

Approved by
DAMAGE PREVENTION & FREIGHT CLAIM COMMITTEE
Association of American Railroads

Pending

Published by
Association of American Railroads/TTCI
Damage Prevention and Loading Services
55500 DOT Road
Pueblo, CO 81001

On-going Testing:

- FL 03-17 – 54 in. Roll Paper in 50 ft. Boxcars with 20 Floor-spots
  - Mill requested loading pattern
- FL 14-17: 54 in. Roll Paper in 50 ft. Boxcars with 20, 21, & 22 Floor-spots Filler Panels and Rubber-mats
- FL 19-18: 54 in. Roll Paper in 50 ft. Boxcars with 20, 21, & 22 Floor-spots Vertical Airbags and Doorway Straps
  - Rigid/sliding door boxcars; 21 & 22 floor-spots
- FL 2-19: 54 in. Roll Paper in 50 ft. Boxcars with 20, 21, & 22 Floor-spots Keylock Strapping
- FL 5-19: 54 in. Roll Paper in 60 ft. Boxcars; T-loaded