



NATIONAL TRANSPORTATION SAFETY BOARD  
**Investigative Hearing**

Managing Safety on Passenger Railroads: Amtrak Overspeed Derailment – DuPont, Washington; and CSX and Amtrak Train Collision – Cayce, South Carolina.

GROUP	G
<b>EXHIBIT</b>	
8	

Agency / Organization

**CSXT**

Title

**Columbia Subdivision Signal Suspension Briefing  
Materials-Amtrak**



## COLUMBIA SUBDIVISION SIGNAL SUSPENSION

0800 HOURS, SATURDAY, FEBRUARY 03, 2018

### **AMTRAK BRIEFING MATERIALS**

CONTAINS GENERAL BULLETINS COVERING THE SIGNAL SUSPENSION AND ALSO ADDITIONAL BRIEFING MATERIALS TO BE USED AS AMTRAK MANAGER DEEMS APPROPRIATE

**MAP AND CHECKLISTS ARE JOB AIDES AND  
NOT OFFICIAL DOCUMENTS – MAP IS NOT TO SCALE AND  
MAY NOT DEPICT ACTUAL TRACK / SIGNAL CONFIGURATION**

KAG-02/03/18

C S X T R A N S P O R T A T I O N  
FLORENCE DIVISION  
JANUARY 30, 2018

COLUMBIA SUB DIVISION BULLETIN 105

TO: T&E CREWS AND ALL CONCERNED  
SUBJECT: TEMPORARY SUSPENSION OF SIGNAL SYSTEM  
EFFECTIVE: 0800HRS, FEBRUARY 3, 2018

ITEM 1 - TC AND CP SIGNAL RULES ARE TEMPORARILY SUSPENDED FROM SERVICE ON ALL MAIN TRACKS AND SIDINGS AS FOLLOWS:

A. NORTHBOUND TRAINS

1. FROM BUT NOT INCLUDING THE NORTHWARD ABSOLUTE SIGNAL AT N. E. WOODFORD MP S 385.1 TO BUT NOT INCLUDING THE NORTHWARD ABSOLUTE SIGNAL AT MP 362.5 HOLDOUT MP S 362.5.
2. THE NORTHWARD ABSOLUTE SIGNAL AT N. E. WOODFORD MP S 385.1 GOVERNS MOVEMENT OVER THE POWER OPERATED SWITCH ONLY. NORTHBOUND TRAINS MUST HAVE BOTH A SIGNAL TO PROCEED AND EC-1 AUTHORITY FROM THE 'FF' TRAIN DISPATCHER AT JACKSONVILLE BEFORE PASSING THE NORTHWARD ABSOLUTE SIGNAL AT N. E. WOODFORD MP S 385.1.

B. SOUTHBOUND TRAINS

1. FROM BUT NOT INCLUDING THE SOUTHWARD ABSOLUTE SIGNAL AT MP 362.5 HOLDOUT MP S 362.5 TO BUT NOT INCLUDING THE SOUTHWARD ABSOLUTE SIGNAL AT N. E. WOODFORD MP S 385.1.
2. THE SOUTHWARD ABSOLUTE SIGNAL AT MP 362.5 HOLDOUT MP S 362.5 GOVERNS MOVEMENT INTO THE SIGNAL SUSPENSION ONLY. SOUTHBOUND TRAINS MUST HAVE BOTH A SIGNAL TO PROCEED AND EC-1 AUTHORITY FROM THE 'FF' TRAIN DISPATCHER AT JACKSONVILLE BEFORE PASSING THE SOUTHWARD ABSOLUTE SIGNAL AT MP 362.5 HOLDOUT MP S 362.5.

C. ALL TRAINS

1. ANY TRAIN ENTERING THIS SIGNAL SUSPENSION FROM ANY POINT MUST OBTAIN EC-1 AUTHORITY FROM THE TRAIN DISPATCHER.

ITEM 2 - METHOD OF OPERATION

A. BE GOVERNED BY OPERATING RULES 504.36 AND 504.37

- 1. PROVIDED EC-1 AUTHORITY IS GRANTED, IT WILL NOT BE NECESSARY FOR TRAINS TO STOP AT ABSOLUTE SIGNAL LOCATIONS AT:  
S. E. NASSAU, N. E. NASSAU, RICHLAND HOLDOUT, S. E. DIXIANA, N. E. DIXIANA AND S. E. CAYCE YARD

B. AUTHORITY FOR MOVEMENT

BETWEEN LOCATION/MILEPOST	RULE IN EFFECT
N. E. WOODFORD MP S 385.1 AND MP 362.5 HOLDOUT MP S 362.5	505 (TWC-D)

ITEM 3 - SWITCHES

- A. THE POWER OPERATED SWITCHES AT S. E. NASSAU MP S 377.8, N. E. NASSAU MP S 376.5, S. E. DIXIANA MP S 366.5, N. E. DIXIANA MP S 365.8 AND S. E. CAYCE YARD MP S 363.2 ARE SECURED IN HAND POSITION AND LINED FOR MOVEMENT ON THE MAIN TRACK. TRAINS ARE NOT REQUIRED TO STOP AND EXAMINE THESE SWITCHES BEFORE PASSING THESE LOCATIONS.
- B. ALL SWITCHES WITHIN THE LIMITS OF THE SIGNAL SUSPENSION WILL BE OPERATED IN ACCORDANCE WITH OPERATING RULES 401 AND 505.12 UNDER THE DIRECTION OF THE 'FF' TRAIN DISPATCHER AT JACKSONVILLE.

ITEM 4 - SPEEDS

- A. UNLESS OTHERWISE RESTRICTED, THE MAXIMUM AUTHORIZED SPEED IS 59 MPH FOR PASSENGER TRAINS AND 49 MPH FOR FREIGHT TRAINS BETWEEN N. E. WOODFORD MP S 385.1 AND MP 362.5 HOLDOUT MP S 362.5.
- B. UNLESS FURTHER RESTRICTED, THE MAXIMUM AUTHORIZED SPEED FOR ALL TRAINS MAKING DIVERGING MOVES THROUGH CROSSOVERS OR TURNOUTS WITHIN THE LIMITS OF THE SIGNAL SUSPENSION IS 15 MPH.

ITEM 5 - OTHER ITEMS

- A. UNLESS OTHERWISE RESTRICTED, ALL AUTOMATIC GRADE CROSSING WARNING DEVICES AND DEFECT DETECTORS WITHIN THE LIMITS OF THE SIGNAL SUSPENSION WILL BE OPERATIVE.

ISSUED BY DIVISION MANAGER HQ

C S X T R A N S P O R T A T I O N  
FLORENCE DIVISION  
JANUARY 30, 2018

COLUMBIA SUB DIVISION BULLETIN 106

TO: T&E CREWS AND ALL CONCERNED  
SUBJECT: SIGNAL CHANGES  
EFFECTIVE: 0759HRS, FEBRUARY 3, 2018

ITEM 1 - ABSOLUTE SIGNALS REMOVED FROM SERVICE AND NEW ABSOLUTE SIGNALS  
PLACED IN SERVICE

- A. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT S. E. CAYCE  
YARD MP S 363.2 ARE RETIRED AND REMOVED FROM SERVICE AND  
REPLACED WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- B. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT N. E. DIXIANA  
MP S 365.8 ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED  
WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- C. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT S. E. DIXIANA  
MP S 366.5 ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED  
WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- D. NEW BACK TO BACK NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS ARE  
INSTALLED ON WEST SIDE OF MAIN TRACK AT RICHLAND HOLDOUT  
AT MP S 369.7.
- E. THE SOUTHWARD ABSOLUTE SIGNAL ONLY AT N. E. NASSAU MP S 376.5  
IS RETIRED AND REMOVED FROM SERVICE AND REPLACED WITH A NEW  
ABSOLUTE COLOR LIGHT SIGNAL.
- F. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT S. E. NASSAU  
MP S 377.8 ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED  
WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.

ITEM 2 - INTERMEDIATE SIGNALS REMOVED FROM SERVICE AND NEW INTERMEDIATE  
SIGNALS PLACED IN SERVICE

- A. THE NORTHWARD AND SOUTHWARD INTERMEDIATE SIGNALS AT MP S 369.3  
ARE RETIRED AND REMOVED FROM SERVICE.
  
- B. THE NORTHWARD AND SOUTHWARD INTERMEDIATE SIGNALS AT MP S 372.3  
ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED WITH NEW  
INTERMEDIATE BACK TO BACK COLOR LIGHT SIGNALS ON WEST SIDE OF  
MAIN TRACK AT NEW MILE POST LOCATION S 373.4.

ISSUED BY DIVISION MANAGER HQ

C S X    T R A N S P O R T A T I O N  
FLORENCE DIVISION  
JANUARY 30, 2018

COLUMBIA    SUB DIVISION BULLETIN    107

TO:            T&E CREWS AND ALL CONCERNED  
SUBJECT:      TIMETABLE CHANGES  
EFFECTIVE:    0759HRS, FEBRUARY 3, 2018

ITEM 1 - TIMETABLE CHANGES BY COLUMN

A. THAT PORTION OF THE COLUMBIA SUBDIVISION-C2 TIMETABLE,  
EFFECTIVE TUESDAY, AUGUST 1, 2017 AT 0001 HOURS IS CHANGED  
TO READ AS FOLLOWS:

1. MILE POST COLUMN

A. ADD REFERENCE TO MILE POST DESIGNATION FOR NEW CONTROL.  
POINT RICHLAND HOLDOUT AT S 369.7.

2. STATION COLUMN

A. ADD NEW CONTROL POINT RICHLAND HOLDOUT AT MP S 369.7.

3. AUTHORITY FOR MOVEMENT COLUMN

A. 'CP' RULES NOW APPLY AT NEW CONTROL POINT RICHLAND  
HOLDOUT AT MP S 369.7.

ISSUED BY DIVISION MANAGER HQ





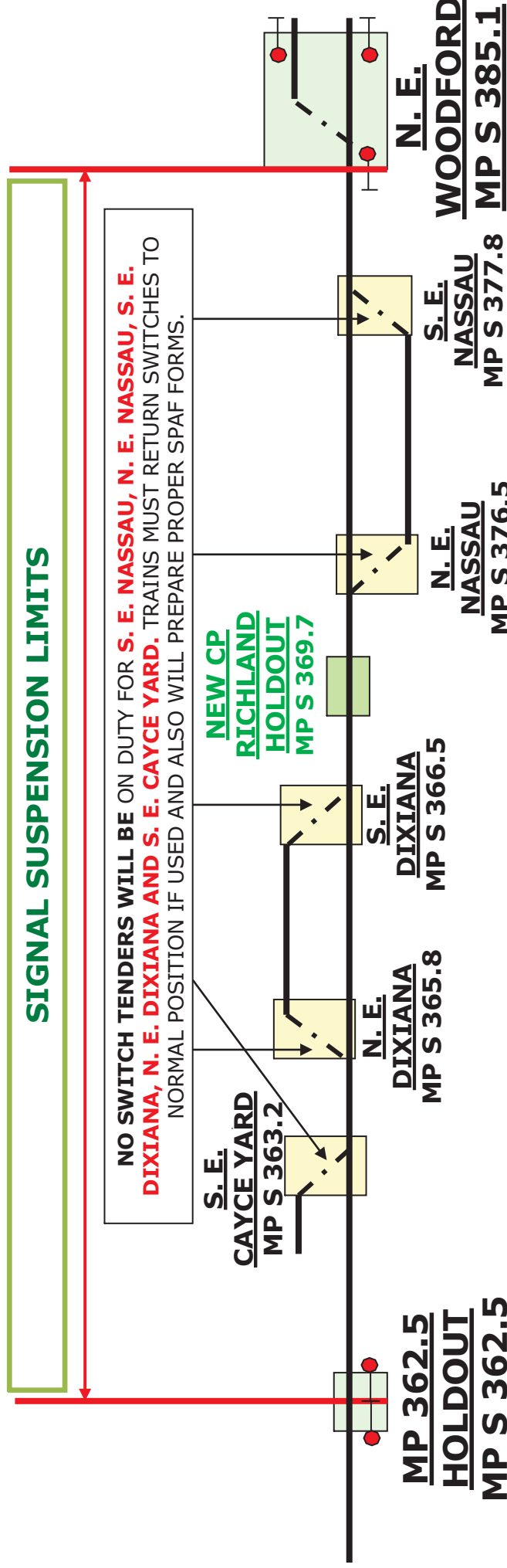
# COLUMBIA SUBDIVISION SIGNAL SUSPENSION MAP

EFFECTIVE: 0800 HOURS, SATURDAY, FEBRUARY 3, 2018

## TEMPORARY SUSPENSION BETWEEN N. E. WOODFORD AND MP 362.5 HOLDOUT

← NORTH

SOUTH →



**Don't take chances!**  
**Remember, in case of doubt or uncertainty,**  
**TAKE THE SAFE COURSE.**



# COLUMBIA SUBDIVISION SIGNAL SUSPENSION CHECK LIST

EFFECTIVE: 0800 HOURS, SATURDAY, FEBRUARY 3, 2018  
TEMPORARY SUSPENSION BETWEEN N. E. WOODFORD AND MP 362.5 HOLDOUT

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## NORTHBOUND TRAINS

- TRAINS MUST HAVE A SIGNAL OR PERMISSION BY THE STOP SIGNAL AT 'N. E. WOODFORD' AND 'EC-1 AUTHORITY' BEFORE ENTERING THE SIGNAL SUSPENSION.
  - NO** SWITCH TENDERS WILL BE ON DUTY FOR **S. E. NASSAU, N. E. DIXIANA, N. E. DIXIANA AND S. E. CAYCE YARD**. TRAINS MUST RETURN SWITCHES TO NORMAL POSITION IF USED AND ALSO WILL PREPARE PROPER FORMS.
  - TRAINS MUST APPROACH '**MP 362.5 HOLDOUT**' LOOKING FOR A SIGNAL AS THIS IS THE FIRST SIGNAL IN SERVICE LEAVING THE SUSPENSION.
- 

## SOUTHBOUND TRAINS

- TRAINS MUST HAVE A SIGNAL OR PERMISSION BY THE STOP SIGNAL AT '**MP 362.5 HOLDOUT**' AND 'EC-1 AUTHORITY' BEFORE ENTERING THE SIGNAL SUSPENSION.
- NO** SWITCH TENDERS WILL BE ON DUTY FOR **S. E. NASSAU, N. E. NASSAU, S. E. DIXIANA, N. E. DIXIANA AND S. E. CAYCE YARD**. TRAINS MUST RETURN SWITCHES TO NORMAL POSITION IF USED AND ALSO WILL PREPARE PROPER FORMS.
- TRAINS MUST APPROACH '**N. E. WOODFORD**' LOOKING FOR A SIGNAL AS THIS IS THE FIRST SIGNAL IN SERVICE LEAVING THE SUSPENSION.

**NOTE: NO TRAIN WILL ENTER THE LIMITS OF THIS SIGNAL SUSPENSION WITHOUT EC-1 AUTHORITY FROM THE DISPATCHER.**

## SIGNAL SUSPENSION JOB BRIEFING AID



**DISCUSSION ITEMS, IN ADDITION TO THE DIVISION BULLETINS, SIGNAL SUSPENSION CHECKLIST, MAP OR OTHER DISCUSSION ITEMS DEEMED NECESSARY AND APPROPRIATE.**

- TRAINS MUST NOT ENTER TWC-D TERRITORY UNLESS AUTHORIZED BY THE TRAIN DISPATCHER. LIMITS OF TWC-D AUTHORITY ARE DEFINED BY FORM EC-1 AND WILL BE CONVEYED IN ACCORDANCE WITH OPERATING [RULE 1009.3](#) (MANDATORY DIRECTIVES). AND ALSO REVIEW ENTIRE OPERATING [RULE SET 1009](#)
- THE ABBREVIATION 'EAS'-'WAS'-'SAS'-'NAS' MAY BE USED. WHEN WRITING EC-1 AUTHORITIES. [\(RULE 501.3\)](#)  
'WAS' FOR WESTWARD ABSOLUTE SIGNAL/ 'EAS' FOR EASTWARD ABSOLUTE SIGNAL.  
'SAS' FOR SOUTHWARD ABSOLUTE SIGNAL / 'NAS' FOR NORTHWARD ABSOLUTE SIGNAL
- WHEN REPEATING THE AUTHORITY IT IS BEST PRACTICE TO PRONOUNCE THE WORDS- "EASTWARD ABSOLUTE SIGNAL" ETC
- UNLESS OTHERWISE RESTRICTED, MAXIMUM SPEED WITHIN THE SIGNAL SUSPENSION IS 49 MPH FOR FREIGHT TRAINS AND 59 MPH FOR PASSENGER TRAINS. [\(RULE 300.5\)](#)
- WHEN TWC-D AUTHORITY IS AT A SWITCH, IT WILL APPLY AT THE CLEARANCE OR FOULING POINT [\(RULE 505.5\)](#)
- PROMPTLY RELEASE EC-1 TWC-D AUTHORITY WHEN YOUR TRAIN CLEARS THE LIMITS. REVIEW CSXT OPERATING [RULES 506.9, 506.10 & 506.11](#) ON REPORTING CLEAR OF TWC LIMITS.
- ANY TRAIN CREW REQUIRED TO HANDLE A MAIN TRACK SWITCH WITHIN THE LIMITS OF THE SIGNAL SUSPENSION MUST COMPLY WITH CSXT OPERATING RULE 401.4 AND THE CONDUCTOR MUST COMPLETE THE SWITCH POSITION AWARENESS FORM AS REQUIRED BY CSXT OPERATING [RULE 505.12](#)
- WHEN A SWITCH TENDER IS ON DUTY (PER BULLETIN) TRAINS MUST CONTACT THE SWITCH TENDER AND CONFIRM SWITCHES ARE LINED FOR INTENDED ROUTE.
- THERE MAY ALSO BE A [RULE 305 & 707](#) AUTHORITY (CONDITIONAL STOP- / WORKING LIMITS ) IN EFFECT WITHIN THE LIMITS OF THE SIGNAL SUSPENSION. PERMISSION FROM A FOREMAN TO ENTER THE [RULE 305](#) LIMITS DOES NOT CONVEY TWC/DCS AUTHORITY NOR DOES TWC/DCS AUTHORITY CONVEY PERMISSION OF A FOREMAN TO ENTER LIMITS OF A [RULE 305 \( CONDITIONAL STOP \)](#).
- MAKE REQUIRED RADIO ANNOUNCEMENTS. REVIEW CSXT OPERATING. [RULES 503.9 & 503.10](#)
- CONDUCTORS REMIND ENGINEERS OF THE SIGNAL SUSPENSION NOT MORE THAN 5 MILES BUT NOT LESS THAN 2 MILES BEFORE REACHING THE SIGNAL SUSPENSION AS REQUIRED BY CSXT OPERATING [RULE 301.1](#). UPDATE JOB BRIEFINGS AS NECESSARY.
- SIGNALS WITHIN THIS SIGNAL SUSPENSION ARE SUSPENDED, HOWEVER, YOU MAY ENCOUNTER SIGNALS WITHIN THE SIGNAL SUSPENSION THAT MAY BE DARK OR THAT MAY BE ILLUMINATED, BUT THESE SIGNALS CONVEY NO AUTHORITY.
- UNLESS OTHERWISE RESTRICTED - SPEED THRU CROSS OVERS AND TURN OUTS IS NOT EXCEEDING 15 MPH
- S.P.A.F. MUST BE COMPLETED BY EMPLOYEE THAT HANDLES A SWITCH [RULE 505.12](#)
- DON'T TAKE CHANCES. IN CASE OF DOUBT OR UNCERTAINTY, TAKE THE SAFE COURSE, EVEN IF IT MEANS STOPPING THE MOVEMENT
- QUESTIONS ?



**TEMPORARY SIGNAL  
SUSPENSION**

**Columbia Subdivision  
0800 Saturday, February 03, 2018**

**Dispatcher Job Briefing Package**

**[ Safety ]**

# SIGNAL SUSPENSION

## Operations Center Check List

- ✓ Issue General Bulletin(s)
- ✓ Receive CADS Special Instructions
- ✓ Arrange Job Briefings for T&E employees
- ✓ Arrange Job Briefings for Train Dispatchers
- ✓ Issue appropriate Dispatcher Message(s)
- ✓ Issue CADS Special Instructions
- ✓ Complete Signal Suspension Briefing Package
- ✓ Distribute Briefing Package(s)

1<sup>st</sup> Dispatcher Message: [Issue Thursday February 1, 2018]

THERE WILL BE A SIGNAL SUSPENSION ON THE COLUMBIA SUBDIVISION BEGINNING AT 0800 SATURDAY FEBRUARY 03, 2018. EFFECTIVE 2000 FRIDAY, FEBRUARY 02, 2018 TRAIN CREWS CALLED TO OPERATE IN THE LIMITS OF THE SIGNAL SUSPENSION ARE REQUIRED TO HAVE A JOB BRIEFING WITH A SUSPENSION OFFICER BEFORE DEPARTING THEIR ON-DUTY LOCATION. CALL YOUR LOCAL TRAINMASTER

COMMUTER AND AMTRAK CREWS WILL RECEIVE JOB BRIEFINGS FROM THEIR MANAGEMENT TEAMS.

DURING THE JOB BRIEFING TRAIN CREWS MUST HAVE COPIES OF COLUMBIA SUBDIVISION BULLETINS 105,106,107 AND MUST ALSO HAVE A COPY OF THE SIGNAL SUSPENSION MAP.

When the Signal Suspension is complete confirm with Train Dispatcher that all track authorities have been cleared from the signal suspension limits. Once confirmed, contact the Manager Network Operations and turn-off the CADS signal suspend mode, and issue the following dispatcher message cancelling the signal suspension.

2<sup>nd</sup> Dispatcher Message: [Issue after signal suspension is complete]

SUBDIVISION BULLETIN 105 ISSUED JANUARY 30, 2018 CONCERNING A SIGNAL SUSPENSION ON THE RF&P SUBDIVISION IS CANCELLED ENTIRELY.

A General Bulletin canceling the out-of-service Signal Suspension General Bulletin must be issued as soon as possible. The Train Dispatcher must also annul any dispatcher messages related to the signal suspension that are no longer required.



**Dispatcher Procedural Instruction**

**Number - 015**

**Subject: Check list for Signal Suspensions**

The Train Dispatcher must use the following steps anytime a signal system is suspended and an alternate method of operation is in effect:

1. Obtain a job briefing to understand the limits and the alternate method of operation
2. If necessary, instruct the first movement through the limits to stop at all power operated switches, secure the switches in hand position as outlined either by dispatcher message or special instructions.
3. Before Issuing an authority:
  1. Ascertain the employee was job briefed and understands the method of operation. If the employee has not been job briefed or does not understand, stop the movement and perform the necessary job briefing.
  2. If there are drawbridges or railroad crossings at grade within the limits of the signal suspension remind the employee to stop at these locations or be governed by the dispatcher message or special instructions.
  3. When a switch tender is on duty confirm they:
    1. Understand the movement to be made,
    2. Have properly lined the switch(es), and
    3. Instruct the train crew to confirm with the switch tender the switch (s) is properly lined for their movement.
4. Issue the authority prior to lining a signal into the signal suspension limits.



**Dispatcher Special Instructions - CADS Tape Load  
Saturday, February 3, 2018 @ 0730**

<p><b>FF Desk (Columbia Subdivision)</b>  <b>SIGNAL SUSPENSION – MP 362.5 Holdout (0796) to NE Woodford (0804).</b></p>			
<p><b>Prior to Tape Load:</b></p>			
<p>Dispatcher:</p>	<p>Remove:          EC-1 Train/Track Authorities          Train IDs          Track/Switch/Signal Blocks          Associated with the following locations ONLY:</p> <table border="1"> <tr> <td> <ul style="list-style-type: none"> <li>• 0796 – Track 007</li> <li>• 0797 – ALL Tracks</li> <li>• 0798 – ALL Tracks</li> <li>• 0799 – ALL Tracks</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• 0801 – ALL Tracks</li> <li>• 0802 – ALL Tracks</li> <li>• 0804 – Track 001</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>• 0796 – Track 007</li> <li>• 0797 – ALL Tracks</li> <li>• 0798 – ALL Tracks</li> <li>• 0799 – ALL Tracks</li> </ul>	<ul style="list-style-type: none"> <li>• 0801 – ALL Tracks</li> <li>• 0802 – ALL Tracks</li> <li>• 0804 – Track 001</li> </ul>
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<p>Chief:</p>	<p>When notified by CADS Support Team, contact Director to place the following locations in <b>SIGNAL SUSPEND</b> mode:</p> <table border="1"> <tr> <td> <ul style="list-style-type: none"> <li>• 0796 – MP 362.5 Holdout</li> <li>• 0797 – SE Cayce Yard</li> <li>• 0798 – NE Dixiana</li> <li>• 0799 – SE Dixiana</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• 0800 – Richland Holdout</li> <li>• 0801 – NE Nassau</li> <li>• 0802 – SE Nassau</li> <li>• 0804 – NE Woodford</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>• 0796 – MP 362.5 Holdout</li> <li>• 0797 – SE Cayce Yard</li> <li>• 0798 – NE Dixiana</li> <li>• 0799 – SE Dixiana</li> </ul>	<ul style="list-style-type: none"> <li>• 0800 – Richland Holdout</li> <li>• 0801 – NE Nassau</li> <li>• 0802 – SE Nassau</li> <li>• 0804 – NE Woodford</li> </ul>
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<p><b>During the Tape Load:</b></p>			
<p>Dispatcher:</p>	<p>All EC-1 Train/Track Authorities <b>MUST BE</b> issued on <b>PAPER</b>.          ***During this time it is normal for your CADS screens to go blank, wait until you receive a Critical Alarm stating all functions are available again***</p>		
<p><b>After the Tape Load:</b></p>			
<p>Chief:</p>	<p>You will be notified by the CADS team when the tape load is complete and these special instructions are canceled, normal operations can resume.</p>		
<p>Dispatcher:</p>	<p>You will be notified by the Chief Dispatcher when the tape load is complete. Then, you may apply Track/Switch/Signal blocking devices, place Train IDs and issue Electronic EC-1 Train/Track authorities at all locations.</p>		



## Office Suspension Timeline

Thursday February 01, 2018:

- **FF** Dispatcher will issue the 1<sup>st</sup> Dispatcher Message prior to 1500
- **FF** Dispatcher will review Signal Suspension Briefing Package

Friday February 02, 2018:

- Job Briefings will start at 2000 in the field
- **FF** Dispatchers will review Signal Suspension Briefing Package

Saturday February 03, 2018:

- **FF** Dispatcher will receive a proper Signal Suspension Job Briefing at 0700
- **FF** Dispatcher will clear all locations contained in the CADS Special Instructions by 0730
- At 0800 **FF** Dispatcher will begin using paper EC-1 in the suspension limits until tape load complete
- CADS group will notify operation center when the Tape Load is complete

At that time:

- Chief/ACD will contact Manager Network Operations at 8-388-7551 and have CADS signal suspension mode toggled to ON position.
- CTD/ACD will collect paper EC-1's and file for FRA review.
- CTD/ACD will notify the **FF** Dispatcher to use electronic EC-1's again.

<u>DAY/TIME</u>	<u>POSITION</u>	<u>MANAGER</u>	<u>CELL PHONE</u>
2000 Sunday Night – until complete		Eric Betts	██████████

**NO Switch Tenders**





CSX TRANSPORTATION  
FLORENCE DIVISION  
January 30, 2018

COLUMBIA SUBDIVISION BULLETIN

106

TO: T&E CREWS AND ALL CONCERNED  
SUBJECT: SIGNAL CHANGES  
EFFECTIVE: 0759HRS, February 03, 2018

ITEM 1 - ABSOLUTE SIGNALS REMOVED FROM SERVICE AND NEW ABSOLUTE SIGNALS  
PLACED IN SERVICE

- A. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT S. E. CAYCE  
YARD MP S 363.2 ARE RETIRED AND REMOVED FROM SERVICE AND  
REPLACED WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- B. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT N. E. DIXIANA  
MP S 365.8 ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED  
WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- C. ALL NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS AT S. E. DIXIANA  
MP S 366.5 ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED  
WITH NEW ABSOLUTE COLOR LIGHT SIGNALS.
- D. NEW BACK TO BACK NORTHWARD AND SOUTHWARD ABSOLUTE SIGNALS ARE  
INSTALLED ON WEST SIDE OF MAIN TRACK AT RICHLAND HOLDOUT  
AT MP S 369.7.
- E. THE SOUTHWARD ABSOLUTE SIGNAL ONLY AT N. E. NASSAU MP S 376.5  
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- A. THE NORTHWARD AND SOUTHWARD INTERMEDIATE SIGNALS AT MP S 369.3  
ARE RETIRED AND REMOVED FROM SERVICE.
- B. THE NORTHWARD AND SOUTHWARD INTERMEDIATE SIGNALS AT MP S 372.3  
ARE RETIRED AND REMOVED FROM SERVICE AND REPLACED WITH NEW  
INTERMEDIATE BACK TO BACK COLOR LIGHT SIGNALS ON WEST SIDE OF  
MAIN TRACK AT NEW MILE POST LOCATION S 373.4.

ISSUED BY DIVISION MANAGER HQ



**CSX TRANSPORTATION  
FLORENCE DIVISION  
January 30, 2018**

**COLUMBIA SUBDIVISION BULLETIN**

**105**

**TO: T&E CREWS AND ALL CONCERNED  
SUBJECT: TEMPORARY SUSPENSION OF SIGNAL SYSTEM  
EFFECTIVE: 0800HRS, February 03, 2018**

**ITEM 1 - TC AND CP SIGNAL RULES ARE TEMPORARILY SUSPENDED FROM SERVICE ON  
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**A. NORTHBOUND TRAINS**

- 1. FROM BUT NOT INCLUDING THE NORTHWARD ABSOLUTE SIGNAL AT  
N. E. WOODFORD MP S 385.1 TO BUT NOT INCLUDING THE NORTHWARD  
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- 2. THE NORTHWARD ABSOLUTE SIGNAL AT N. E. WOODFORD MP S 385.1  
GOVERNS MOVEMENT OVER THE POWER OPERATED SWITCH ONLY.  
NORTHBOUND TRAINS MUST HAVE BOTH A SIGNAL TO PROCEED AND EC-1  
AUTHORITY FROM THE 'FF' TRAIN DISPATCHER AT JACKSONVILLE BEFORE  
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MP S 385.1.**

**B. SOUTHBOUND TRAINS**

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PASSING THE SOUTHWARD ABSOLUTE SIGNAL AT MP 362.5 HOLDOUT  
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**C. ALL TRAINS**

- 1. ANY TRAIN ENTERING THIS SIGNAL SUSPENSION FROM ANY POINT MUST  
OBTAIN EC-1 AUTHORITY FROM THE TRAIN DISPATCHER.**

**ITEM 2 - METHOD OF OPERATION**

**A. BE GOVERNED BY OPERATING RULES 504.36 AND 504.37**

**1. PROVIDED EC-1 AUTHORITY IS GRANTED, IT WILL NOT BE NECESSARY FOR TRAINS TO STOP AT ABSOLUTE SIGNAL LOCATIONS AT:  
S. E. NASSAU, N. E. NASSAU, RICHLAND HOLDOUT, S. E. DIXIANA,  
N. E. DIXIANA AND S. E. CAYCE YARD**

**B. AUTHORITY FOR MOVEMENT**

<b>BETWEEN LOCATION/MILEPOST</b>	<b>RULE IN EFFECT</b>
<b>N. E. WOODFORD MP S 385.1 AND MP 362.5 HOLDOUT MP S 362.5</b>	<b>505 (TWC-D)</b>

**ITEM 3 - SWITCHES**

**A. THE POWER OPERATED SWITCHES AT S. E. NASSAU MP S 377.8, N. E. NASSAU MP S 376.5, S. E. DIXIANA MP S 366.5, N. E. DIXIANA MP S 365.8 AND S. E. CAYCE YARD MP S 363.2 ARE SECURED IN HAND POSITION AND LINED FOR MOVEMENT ON THE MAIN TRACK. TRAINS ARE NOT REQUIRED TO STOP AND EXAMINE THESE SWITCHES BEFORE PASSING THESE LOCATIONS.**

**B. ALL SWITCHES WITHIN THE LIMITS OF THE SIGNAL SUSPENSION WILL BE OPERATED IN ACCORDANCE WITH OPERATING RULES 401 AND 505.12 UNDER THE DIRECTION OF THE 'FF' TRAIN DISPATCHER AT JACKSONVILLE.**

**ITEM 4 - SPEEDS**

**A. UNLESS OTHERWISE RESTRICTED, THE MAXIMUM AUTHORIZED SPEED IS 59 MPH FOR PASSENGER TRAINS AND 49 MPH FOR FREIGHT TRAINS BETWEEN N. E. WOODFORD MP S 385.1 AND MP 362.5 HOLDOUT MP S 362.5.**

**B. UNLESS FURTHER RESTRICTED, THE MAXIMUM AUTHORIZED SPEED FOR ALL TRAINS MAKING DIVERGING MOVES THROUGH CROSSOVERS OR TURNOUTS WITHIN THE LIMITS OF THE SIGNAL SUSPENSION IS 15 MPH.**

**ITEM 5 - OTHER ITEMS**

**A. UNLESS OTHERWISE RESTRICTED, ALL AUTOMATIC GRADE CROSSING WARNING DEVICES AND DEFECT DETECTORS WITHIN THE LIMITS OF THE SIGNAL SUSPENSION WILL BE OPERATIVE.**

**ISSUED BY DIVISION MANAGER HQ**

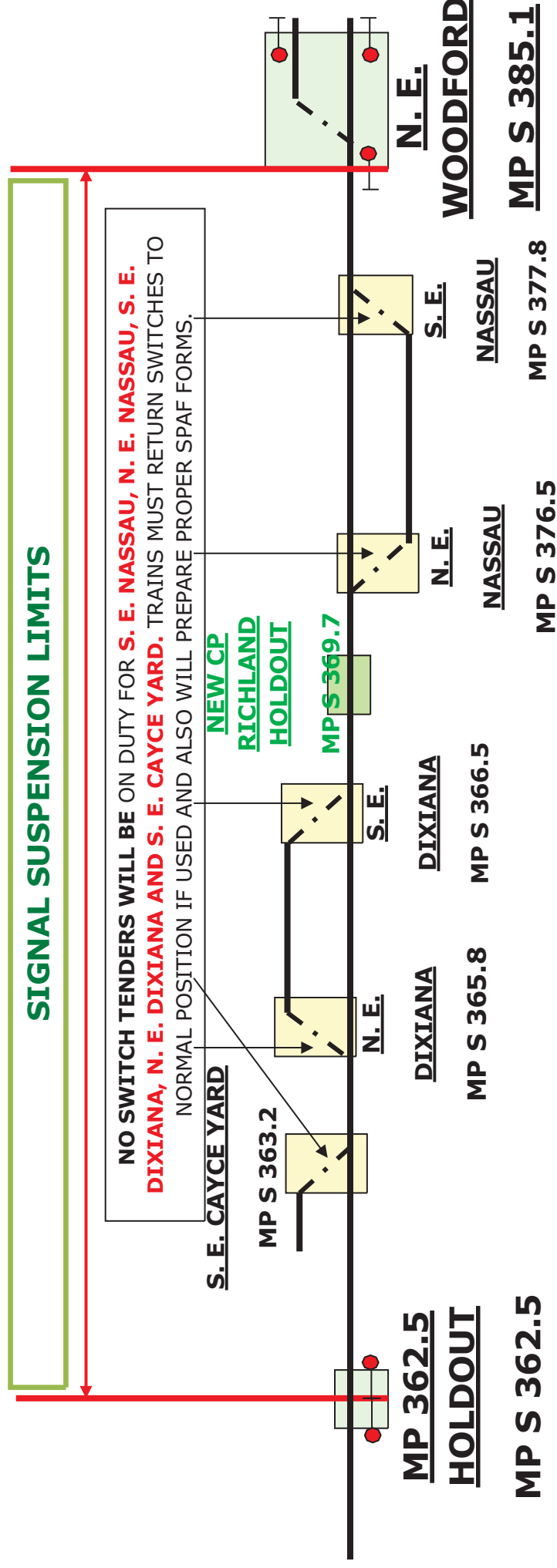


NORTH

# COLUMBIA SUBDIVISION SIGNAL SUSPENSION MAP

EFFECTIVE: 0800 HOURS, SATURDAY, FEBRUARY 03, 2018 SOUTH

## TEMPORARY SUSPENSION BETWEEN N. E. WOODFORD AND MP S362.5 HOLDOUT



**Don't take chances!  
Remember, in case of doubt or uncertainty,  
TAKE THE SAFE COURSE.**



# COLUMBIA SUBDIVISION SIGNAL SUSPENSION CHECK LIST

EFFECTIVE: 0800 HOURS, MONDAY, JANUARY 22, 2018  
TEMPORARY SUSPENSION BETWEEN N. E. DENMARK AND S. E. NASSAU

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## NORTHBOUND TRAINS

- TRAINS MUST HAVE A SIGNAL OR PERMISSION BY THE STOP SIGNAL AT '**N. E. DENMARK**' AND '**EC-1 AUTHORITY**' BEFORE ENTERING THE SIGNAL SUSPENSION.
  - NO** SWITCH TENDER WILL BE ON DUTY FOR '**S. E. WOODFORD AND N. E. WOODFORD**' TRAINS RETURN SWITCH TO NORMAL POSITION IF USED AND PREPARE FORMS.
  - TRAINS MUST APPROACH '**S. E. NASSAU**' LOOKING FOR A SIGNAL AS THIS IS THE FIRST SIGNAL IN SERVICE LEAVING THE SUSPENSION.
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## SOUTHBOUND TRAINS

- TRAINS MUST HAVE A SIGNAL OR PERMISSION BY THE STOP SIGNAL AT '**S. E. NASSAU**' AND '**EC-1 AUTHORITY**' FOR THE BEFORE ENTERING THE SIGNAL SUSPENSION.
- NO** SWITCH TENDER WILL BE ON DUTY FOR '**N. E. WOODFORD AND S. E. WOODFORD**' TRAINS RETURN SWITCH TO NORMAL POSITION IF USED AND PREPARE FORMS.
- TRAINS MUST APPROACH '**N. E. DENMARK**' LOOKING FOR A SIGNAL AS THIS IS THE FIRST SIGNAL IN SERVICE LEAVING THE SUSPENSION.
- FIRST SIGNAL IN SERVICE LEAVING THE SUSPENSION.

**REMEMBER TO RELEASE EC-1 AUTHORITY WHEN APPROPRIATE!**