# BNSF Railway — SIGNAL ASPECTS AND INDICATIONS

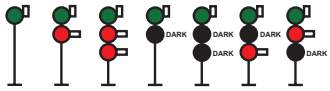
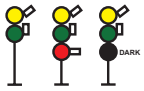
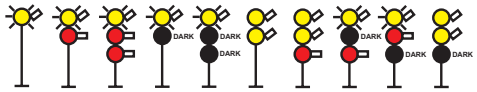
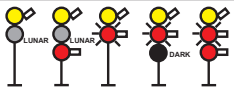
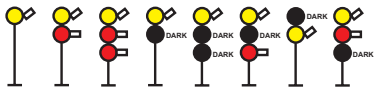
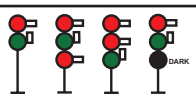
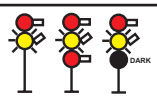
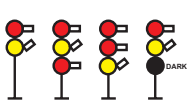
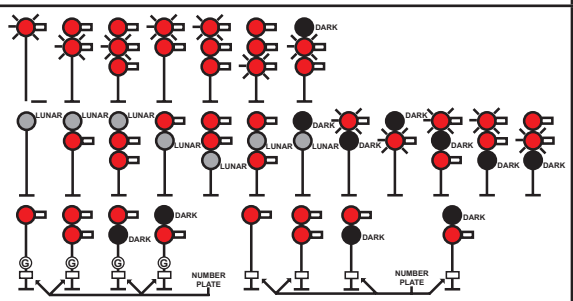
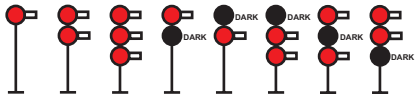
All signals are subject to modification indicated under individual subdivision special instructions.

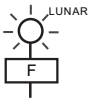
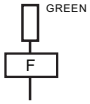
## DISTANT SIGNALS

Aspects shown in Rules 9.1.3 through 9.1.8 may be displayed with a "D" sign on the signal mast to identify the signal as a distant signal. When a "D" sign is displayed, if train is delayed per Rule 9.9 and Rule 9.9.1 between a distant signal and the next signal, proceed prepared to stop short of the next signal. Absolute signals at automatic switches, outside of block system limits, convey main track distant signal information for the other end of the siding.

## BLOCK AND INTERLOCKING SIGNALS

Aspects shown in Rules 9.1.3 through 9.1.8 and 9.1.13 may be displayed on signals with or without a number plate on signal mast.

| Rule | Aspects of Color Light and Semaphore Signals | Cab Signal Aspects | Name | Indication |
|---|---|---|---|---|
| 9.1.3 |  | | CLEAR | Proceed. |
| 9.1.4 | | | APPROACH LIMITED | Proceed prepared to pass next signal not exceeding 60 MPH and be prepared to enter diverging route at prescribed speed. |
| 9.1.5 |  | | ADVANCE APPROACH | Proceed prepared to pass next signal not exceeding 50 MPH and be prepared to enter diverging route at prescribed speed. |
| 9.1.6 |  | | APPROACH MEDIUM | Proceed prepared to pass next signal not exceeding 40 MPH and be prepared to enter diverging route at prescribed speed. |
| 9.1.7 |  | | APPROACH RESTRICTING | Proceed prepared to pass next signal at restricted speed. |
| 9.1.8 |  | | APPROACH | Proceed prepared to stop at next signal. Trains exceeding 30 MPH immediately reduce to that speed. (Note: *Speed is 40 MPH for Amtrak and Commuter trains).* |
| 9.1.9 |  | | DIVERGING CLEAR | Proceed on diverging route not exceeding prescribed speed through turnout. |
| 9.1.10 | | | DIVERGING APPROACH DIVERGING | Proceed on diverging route not exceeding prescribed speed through turnout prepared to advance on diverging route at the next signal not exceeding prescribed speed through turnout. |
| 9.1.11 |  | | DIVERGING APPROACH MEDIUM | Proceed on diverging route not exceeding prescribed speed through turnout prepared to pass next signal not exceeding 35 MPH. |
| 9.1.12 |  | | DIVERGING APPROACH | Proceed on diverging route not exceeding prescribed speed through turnout; approach next signal prepared to stop. Trains exceeding 30 MPH immediately reduce to that speed. (Note: *Speed is 40 MPH for Amtrak and Commuter trains.)* |
| 9.1.13 |  | | RESTRICTING | Proceed at restricted speed. |
| 9.1.14 | Not used (Reserved for PTC tabling purposes only) | | | |
| 9.1.15 |  | | STOP | Stop. |

| SPECIAL ASPECTS WHICH ARE NOT PART OF AUTOMATIC BLOCK, CTC AND INTERLOCKING SYSTEMS | | | |
|---|---|---|---|
| **Rule** | **Aspects** | **Name** | **Indication** |
| **9.1.16** | | **TAKE SIDING INDICATOR** | **When illuminated, hand operate switch to enter next siding or to leave siding and enter main track.** |
| **9.1.22** | | **SLIDE FENCE INDICATOR** | **When illuminated continuously or when not illuminated, slide fence has been activated; proceed at restricted speed.** |
| **9.1.23** |  | **SLIDE FENCE INDICATOR** | **When flashing, slide fence has not been activated.** |
| **9.1.24** |  | **RESUME SPEED** | **End of slide fence restriction; resume speed.** |
| **9.1.25** | | **HIGH WATER INDICATOR** | **When red or not illuminated, high water may be present; proceed at restricted speed through detection limits identified by timetable.** |
| **9.1.26** | | **HIGH WATER INDICATOR** | **When green, no high water has been detected.** |

**General Signal Instructions**

In addition to Rule 9.1 of the General Code of Operating Rules, the following General Signal Instructions apply on BNSF Railway:

- Dwarf signals will display the same aspects and indications as high signals.
- The following symbols are used in diagrams of signal aspects.

To indicate a number plate.

To indicate a flashing light.

To indicate color light signal head.

To indicate position of semaphore arm.

To indicate grade marker.

**Automated Horn System (AHS)**

Flashing - operating as intended.

Steady or not illuminated - not operating as intended.