

# INDIANA NORTHERN RAILROAD (BRUCE BRIDGES SIGNAL SYSTEM) – SIGNAL RULES

|                     |           |  |       |           |  |                               |           |   |       |           |  |
|---------------------|-----------|--|-------|-----------|--|-------------------------------|-----------|---|-------|-----------|--|
| 281                 | <br>DWARF | <b>CLEAR</b><br>Proceed, not exceeding posted maximum track speed.   | 281-J | <br>DWARF | <b>LIMITED APPROACH RESTRICTING</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed prepared to pass the next signal not exceeding Restricted speed.  | 283-D                         | <br>DWARF | <b>MEDIUM ADVANCE APPROACH</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed not exceeding Reduced speed prepared to stop at second signal.   | 287-B | <br>DWARF | <b>SLOW APPROACH SLOW</b><br>Proceed, not exceeding Slow speed within interlocking limits, prepared to pass next signal not exceeding Slow speed.  |
| 281-B               | <br>DWARF | <b>APPROACH LIMITED</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal not exceeding Limited speed.  | 282   | <br>DWARF | <b>APPROACH MEDIUM</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal not exceeding Medium speed.  | 284                           | <br>DWARF | <b>APPROACH SLOW</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal not exceeding Slow speed.   | 288   | <br>DWARF | <b>SLOW APPROACH</b><br>Proceed, not exceeding Slow speed within interlocking limits, prepared to stop at the next signal.   |
| 281-C               | <br>DWARF | <b>LIMITED CLEAR</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed not exceeding posted maximum track speed.  | 282-A | <br>DWARF | <b>ADVANCE APPROACH</b><br>Proceed, not exceeding Reduced speed, prepared to stop at second signal. Next signal block may not provide adequate braking distance between next and second signal.                                    | 284-A                         | <br>DWARF | <b>ADVANCE APPROACH SLOW</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal not exceeding Reduced speed and to pass second signal not exceeding Slow speed.   | 290   | <br>DWARF | <b>RESTRICTING</b><br>Proceed, not exceeding Restricted speed, prepared to stop at any time upon sight of train or other obstruction ahead on track, until entire train is within TWC territory limits or until passing a more favorable signal indication.<br><br><i>Aspect requires Number plate and Grade plaque, as shown.</i> |
| 281-D               | <br>DWARF | <b>LIMITED APPROACH</b><br>Proceed, not exceeding Limited speed within interlocking limits, prepared to stop at the next signal.   | 282-B | <br>DWARF | <b>ADVANCE APPROACH MEDIUM</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass second signal not exceeding Medium speed.  | 285                           | <br>DWARF | <b>APPROACH</b><br>Proceed, not exceeding posted maximum track speed, prepared to stop at next signal.  | 291   | <br>DWARF | <b>STOP THEN PROCEED</b><br>Stop before any part of the train passes the signal. Then proceed not exceeding Restricted speed, prepared to stop at any time upon sight of train or other obstruction on track ahead.<br><i>Aspect requires Number plate, as shown.</i>  |
| 281-E               | <br>DWARF | <b>LIMITED APPROACH LIMITED</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed prepared to pass next signal not exceeding Limited speed.   | 282-C | <br>DWARF | <b>APPROACH REDUCED</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal displaying <i>Advance Approach</i> not exceeding Reduced speed.   | 285-A                         | <br>DWARF | <b>APPROACH RESTRICTING</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass next signal not exceeding Restricting speed.   | 292   | <br>DWARF | <b>STOP</b><br>Stop before any part of the train passes the signal.<br><br><i>(No Number plate)</i>  |
| 281-F               | <br>DWARF | <b>LIMITED APPROACH MEDIUM</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed prepared to pass next signal not exceeding Medium speed.   | 283   | <br>DWARF | <b>MEDIUM CLEAR</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed not exceeding posted maximum track speed.  | 286                           | <br>DWARF | <b>MEDIUM APPROACH</b><br>Proceed, not exceeding Medium speed within interlocking limits, prepared to stop at the next signal.  | 293   | <br>DWARF | <b>STOP AND CHECK</b><br>Stop before any part of the train passes the signal. Before proceeding at Restricted speed, (by Rule 290, 291 or dispatcher permission) check position of drawbridge, collision detector, spring switch, derails, gates, slide fence, or other equipment specified in Timetable.                          |
| 281-G               | <br>DWARF | <b>LIMITED APPROACH SLOW</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed prepared to pass next signal not exceeding Slow speed.   | 283-A | <br>DWARF | <b>MEDIUM APPROACH MEDIUM</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed prepared to pass next signal not exceeding Medium speed.   | 286-A                         | <br>DWARF | <b>MEDIUM APPROACH RESTRICTING</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed prepared to pass the next signal not exceeding Restricted speed.   | 294   | <br>DWARF | <b>DISTANT CLEAR</b><br>Proceed, not exceeding posted maximum track speed, expecting a signal showing a Clear or Approach indication in one (1) mile. If stopped or delayed before next signal becomes visible, approach it with caution.<br><i>Aspect requires Distant plaque, as shown.</i>                                      |
| 281-H               | <br>DWARF | <b>ADVANCE APPROACH LIMITED</b><br>Proceed, not exceeding posted maximum track speed, prepared to pass second signal not exceeding Limited speed.  | 283-B | <br>DWARF | <b>MEDIUM APPROACH SLOW</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed prepared to pass next signal not exceeding Slow speed.   | 287                           | <br>DWARF | <b>SLOW CLEAR</b><br>Proceed, not exceeding Slow speed within interlocking limits, then proceed not exceeding posted maximum track speed.   | 294-A | <br>DWARF | <b>DISTANT APPROACH DIVERGING</b><br>Proceed, not exceeding posted maximum track speed, expecting a signal showing a diverging Clear or Approach indication in one (1) mile. If stopped or delayed before next signal becomes visible, approach it with caution.<br><i>Aspect requires Distant plaque, as shown.</i>               |
| 281-I               | <br>DWARF | <b>LIMITED ADVANCE APPROACH</b><br>Proceed, not exceeding Limited speed within interlocking limits, then proceed not exceeding Reduced speed prepared to stop at second signal.  | 283-C | <br>DWARF | <b>MEDIUM APPROACH LIMITED</b><br>Proceed, not exceeding Medium speed within interlocking limits, then proceed prepared to pass next signal not exceeding Limited speed.   | 287-A                         | <br>DWARF | <b>SLOW APPROACH MEDIUM</b><br>Proceed, not exceeding Slow speed within interlocking limits, then approach the next signal not exceeding Medium speed. Increase speed to that allowed by the the next signal, once it has become clearly visible. | 294-B | <br>DWARF | <b>DISTANT APPROACH</b><br>Proceed, not exceeding posted maximum track speed, expecting a signal showing a Stop or Restricting indication in one (1) mile, prepared to stop at that signal.<br><br><i>Aspect requires Distant plaque, as shown.</i>  |
| 294 / 294-A / 294-B |           | <br><b>DISTANT PLAQUE</b><br>The Distant plaque marks a Distant signal. Distant signals provide advance warning of an upcoming block signal one mile ahead. They do not provide authority for train movement, and train crews are not required to log or verbally report their indications over the radio. | 277   |           | <br><b>DOLL ARMS</b><br>One or more tracks intervene between the signal and the track governed by the signal. When more than one track intervenes, the number of doll arms, with or without blue lights, is increased accordingly. | 277-A                         |           | <br><b>ADJACENT/BRACKETTED SIGNALS</b><br>The right-hand signal governs right-hand track and left-hand signal governs left-hand track.  | 294-B |           | <br><b>DISTANT APPROACH</b><br>Proceed, not exceeding posted maximum track speed, expecting a signal showing a Stop or Restricting indication in one (1) mile, prepared to stop at that signal.<br><br><i>Aspect requires Distant plaque, as shown.</i>  |
|                     |           |  |       |           |  | <b>SIGNALING SPEED LIMITS</b> |           |   |       |           |  |
|                     |           |  |       |           |  | Track Speed ..... as posted   |           |   |       |           |  |
|                     |           |  |       |           |  | Reduced Speed ..... 60 MPH    |           |   |       |           |  |
|                     |           |  |       |           |  | Limited Speed ..... 45 MPH    |           |   |       |           |  |
|                     |           |  |       |           |  | Medium Speed ..... 30 MPH     |           |   |       |           |  |
|                     |           |  |       |           |  | Slow Speed ..... 15 MPH       |           |   |       |           |  |
|                     |           |  |       |           |  | Restricted Speed ..... 15 MPH |           |   |       |           |  |