NO PILOT REQUIRED  240.231(c)

If the movement will occur on a section of track with an average grade of less than 1% over 3 continuous miles, **AND**

1. The track is other than main track, **or**
2. The maximum distance will not exceed 1 mile, **or**
3. The maximum authorized speed for any operation on the track does not exceed 20 mph, **or**
4. Operations are conducted under operating rules that require every locomotive and train to proceed at a speed that permits stopping in half the range of vision of the engineer.

FRA Part 240 Locomotive Engineer
Pilot Flow Chart 240.231 (Engineer’s unfamiliar with Physical Characteristics in other than joint territory)