## **Mountain Grade Audit 2019**

## SSI Item 8: Heavy and Mountain Grade Operations

## **Descending Grade Requirements:**

Cresting the Summit "CG" When freight trains (leading locomotive) and light locomotive consists crest the summit of grades listed as "CG", speed must be at least **5 MPH** below the maximum authorized speed

## **Descending Grades**

When operating freight trains or light locomotive consists on descending grades between locations listed as 1% or 2%, if train speed reaches 5 MPH above maximum authorized speed stop movement immediately, using emergency application. Do not move until authorized by designated supervisor of locomotive engineers. Refer to Rule 34.2.10

ABTH 34.3 Grade Operations: The following must be considered when operating in grade territory:

Cresting Grade "CG" MP Locations Tons per operative brake. Tons per dynamic brake axle. Percent of grade. Track curvature. Rail and weather conditions. Train speed, ensuring that maximum speed is consistent with grade limitations required by area timetables. Train Make-Up. Distributed Power Placement and Operations

**ABTH 34.3.1 Balanced Braking:** If a greater than 18-psi brake pipe reduction is required to control train speed, stop the train using emergency application and inspect to determine reason before proceeding.

Subdivision:	MP:	To MP:		
Train ID:				
Date:	Time:			
Loads:	Empties:	Tons:	Feet:	
Engineer:	Cond	uctor:		
Student Engineer:		Student Conductor:		
Notes:				