Presentation to the Full Railroad Safety Advisory Committee

Washington, DC,
February 20, 2008

FRA Approach to Managing GAP Safety

December 7, 2007

A Quick Review

FRA developed an Approach to Managing Gap Safety guideline and presented it to the GPS Task Force.

The purpose of the FRA Approach was to:

1. Document an acceptable process for Gap safety management in an FRA Guideline.

2. Develop the FRA Guideline within and with the concurrence of the GPS Task Force.

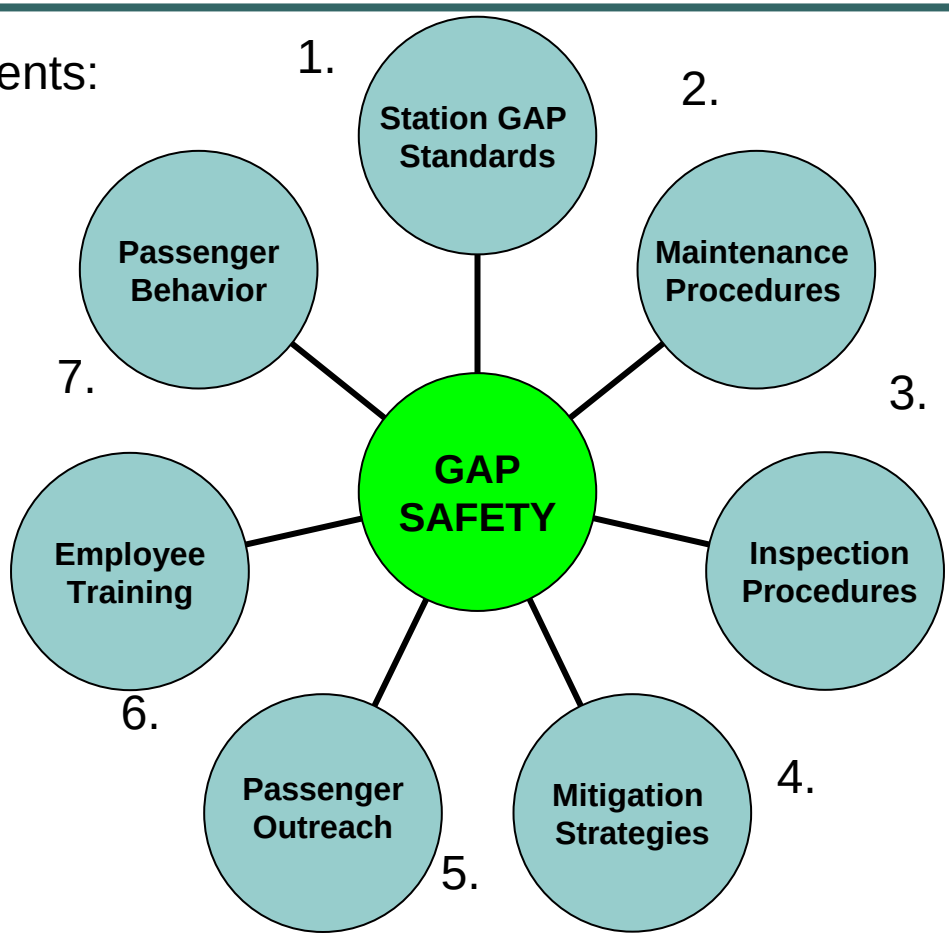
3. Use the FRA Guideline to support industry initiatives or standards development.

The document was based on…

… a Seven Element Approach to Gap Safety developed within the GPS Working Group

Understanding GAP System Safety - an Approach -

Seven Elements:



The Gap Safety document incorporates the seven elements into the following sections:

1. Station Gap Standards
2. Hazard Management
3. Maintenance Procedures
4. Inspection Procedures
5. Hazard Mitigation Strategies
6. Gap Safety Management Follow-up

1. Station Gap Standards.

Establish appropriate station gap standards for all high level platforms.

2. Hazard Management.

Use a system safety approach and hazard analysis tools to manage gap safety.

3. Maintenance Procedures.

Update, modify, or establish maintenance procedures as needed to maintain the standard.

4. Inspection Procedures.

Update, modify, or establish inspection procedures as needed.

5. Hazard Mitigation Strategies

Address identified hazards through appropriate mitigation strategies based on:

- Hardware and Technology
- Policies and Procedures
- Passenger Outreach Programs
- Employee Training
- Passenger Behavior Response
- Other Strategies

6. Gap Safety Management Follow Up

Review the Gap Safety Management Program:

- Periodically
- After major changes in operations, equipment, or infrastructure
- After an Accident or Incident

The FRA Gap Safety document recommends the following:

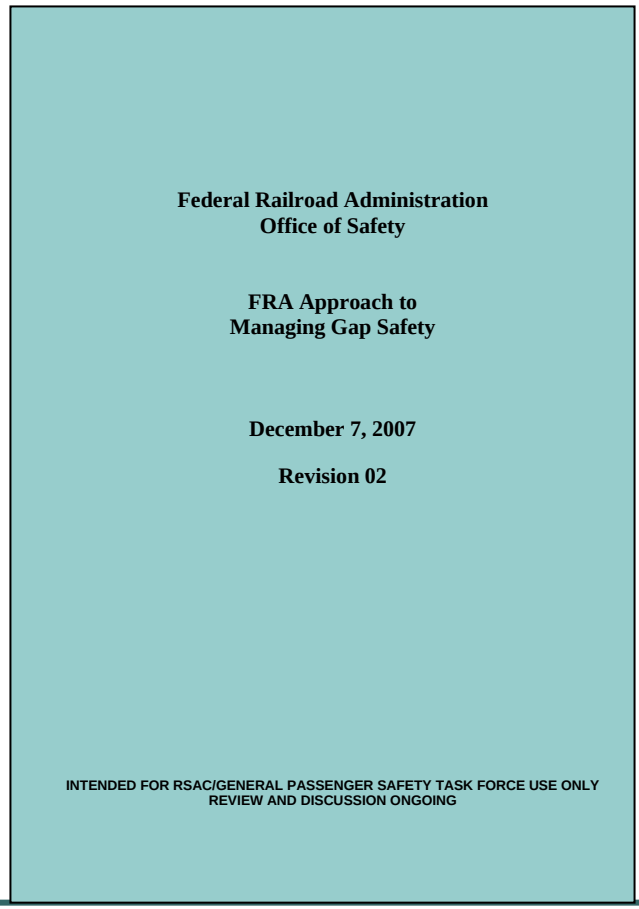
FRA Recommends that passenger rail operators:

- establish gap safety management programs,
- use engineering evaluation and analysis to establish gap standards at all high level stations, and
- apply mitigation strategies to further reduce the risk of gap accidents.

FRA also believes that coordination with the host railroad is essential.

FRA recommends that, in developing and implementing gap safety management programs, passenger rail operators coordinate with the freight railroads which host their operations, and that the freight railroads assist in their efforts to promote platform gap safety.

The GPS Task Force offers the FRA Approach to Managing Gap Safety for Approval by RSAC



The FRA Approach to Managing Gap Safety has been reviewed and approved by the GPS Task Force and the Passenger Safety Working Group.

- July 17, 2008 – Approved by the GPS Task Force in Chicago, Illinois.
- December 7, 2008 – Minor changes to the document were approved by the GPS Task Force.
- December 11, 2007 – Document approved by the Passenger Safety Working Group at Fort Lauderdale, Florida.
- February 20, 2008 – Document presented to the Full RSAC for final approval.

The GPS Task Force requests approval by the full Rail Safety Advisory Committee of the document entitled:

FRA Approach to Managing Gap Safety

December 7, 2007