



Federal Railroad Administration

January 26, 2005

RSAC

Roadway Worker
Protection Regulation

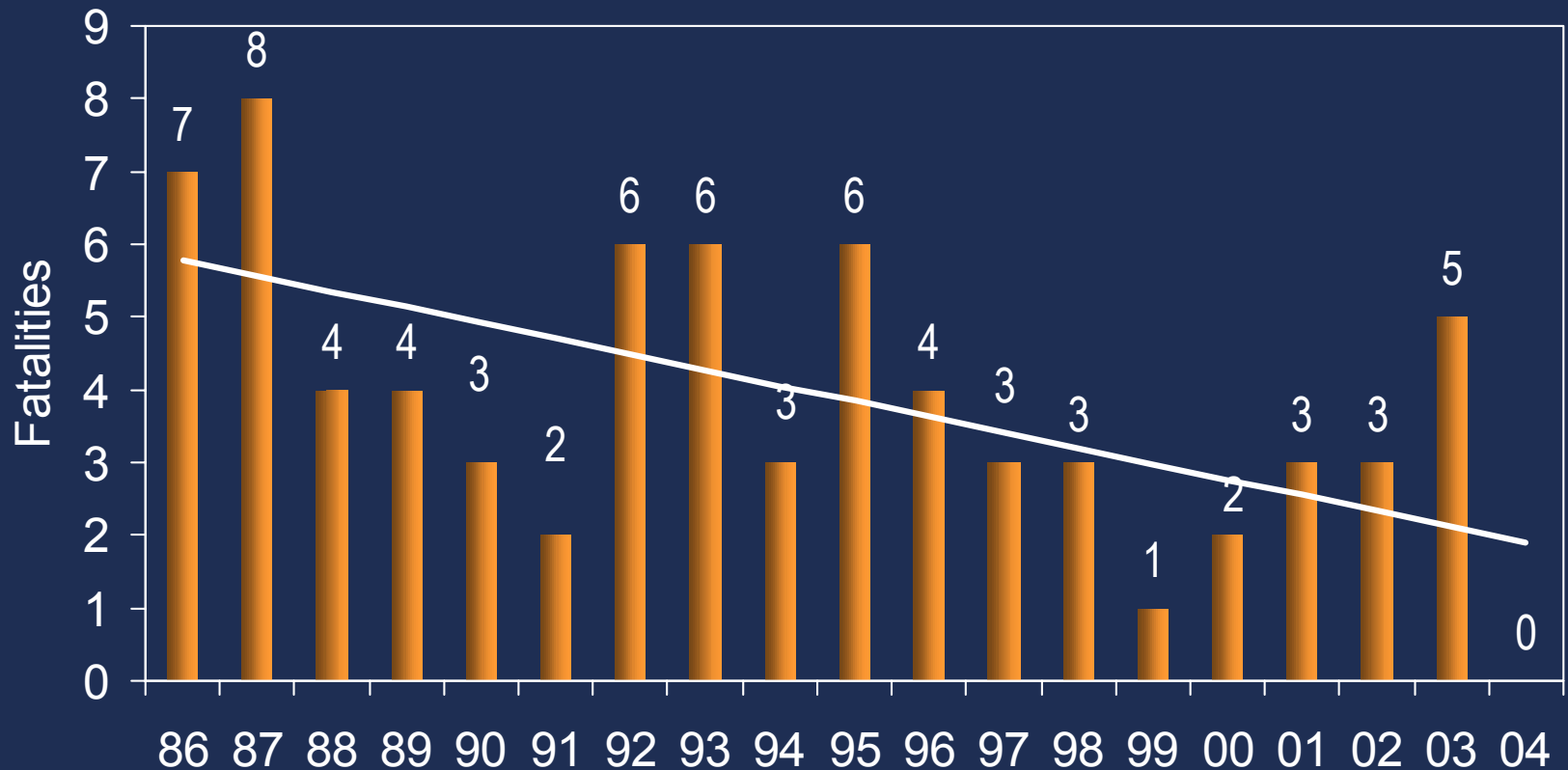
- **Introduction**
- **ZERO Fatalities 2004!**
- **Severe Injuries**
- **Technical Bulletins**
- **Tally**

Introduction

This presentation is a brief overview of issues regarding Part 214, Subpart C, Roadway Worker Protection (RWP). This presentation focuses on the successes and future challenges as determined by the number of technical bulletins and unresolved issues that have resulted from three Technical Resolution Committees (TRC). Additionally, more than 70 items exist that have not been considered in the TRC process.

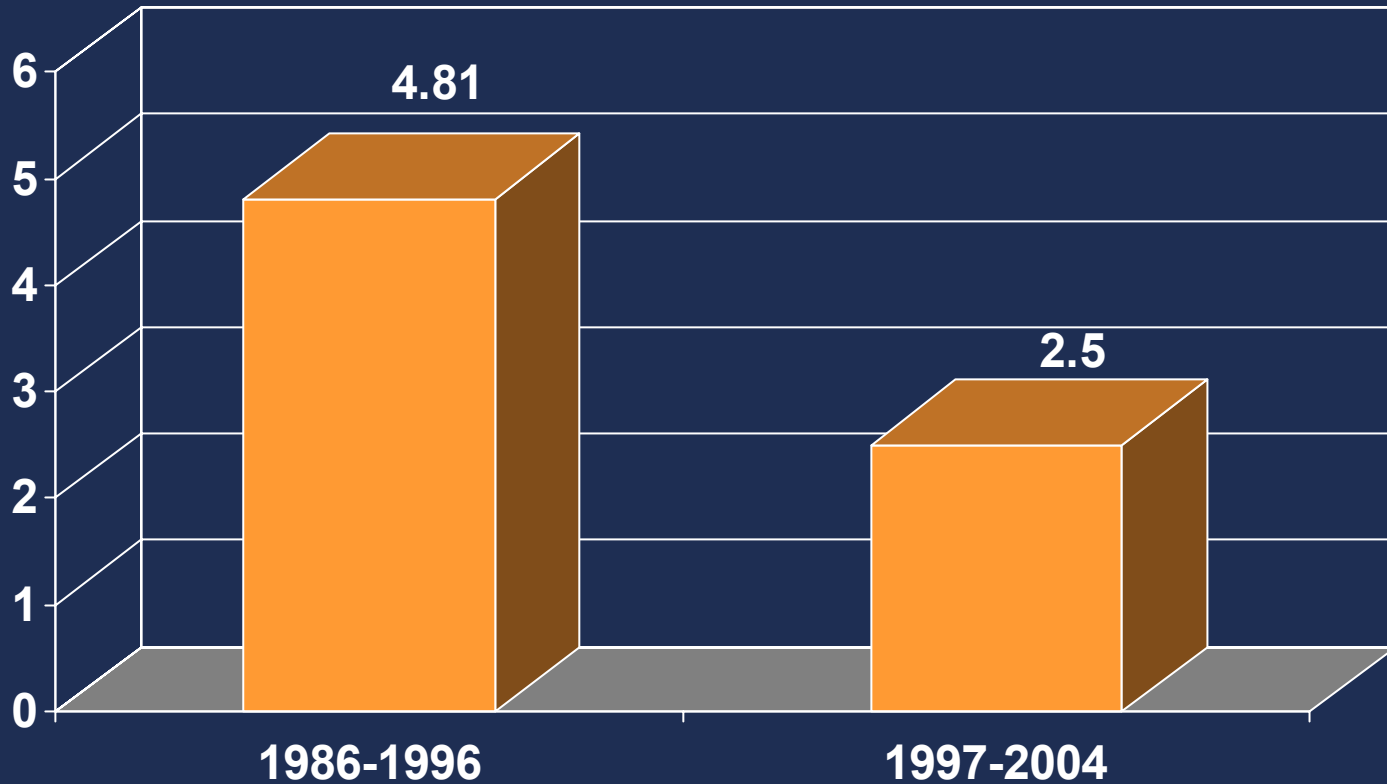
ZERO Fatalities 2004

Roadway worker fatalities – Jan. to Dec.



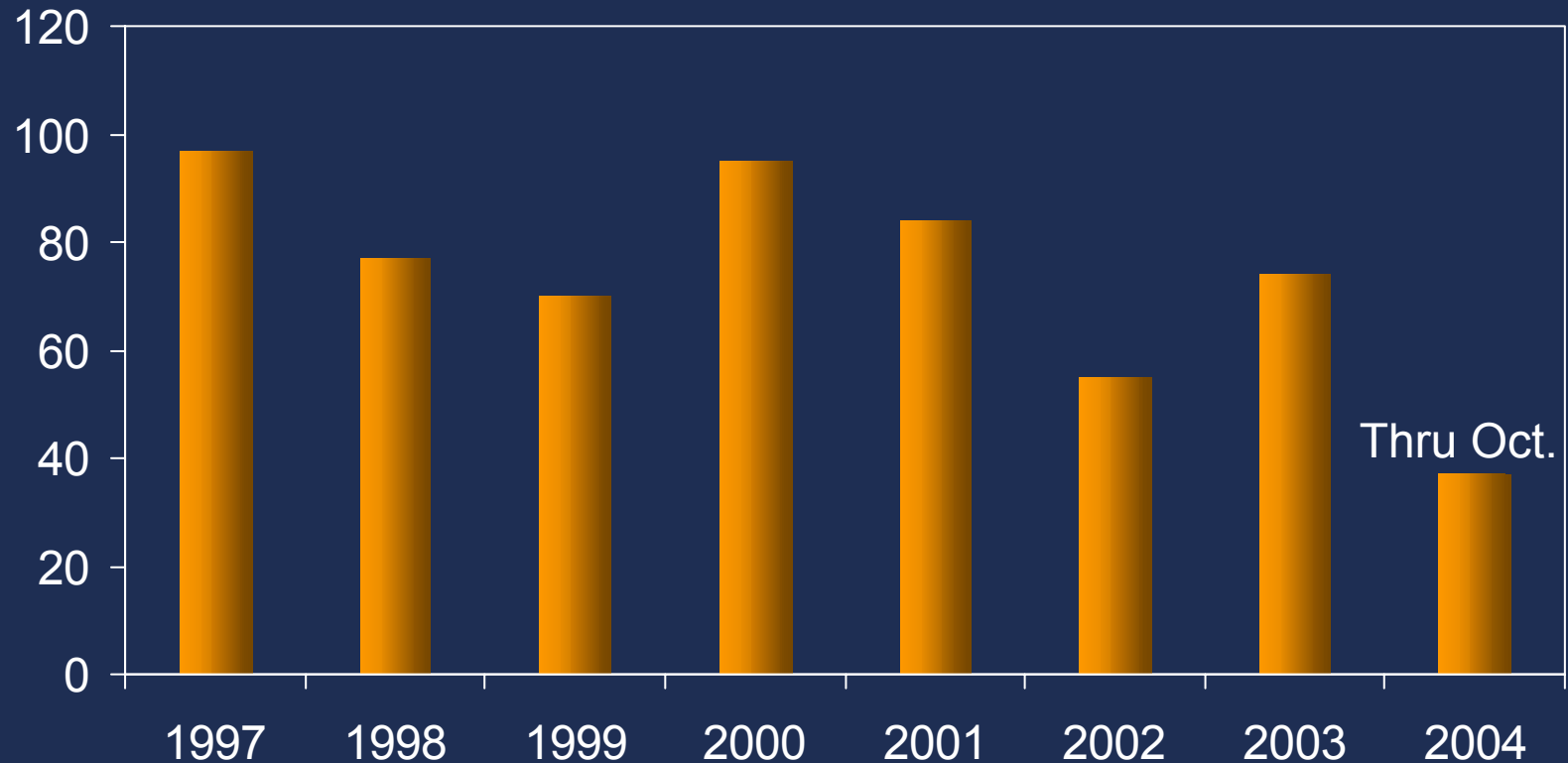
Note – Fatalities are only those linked to the RWP regulation. Statistics do not include other engineering employee fatalities such as bridge worker, highway accidents, crane accidents, falls from equipment, death by natural cause, etc.

Average Fatalities per Year



Injuries

MW severe injuries – Jan. to Dec.



RWP Technical Bulletins

Technical Bulletin/Issue Legend

Green	<u>Orange</u> (underline)	<i>Red (Italic)</i>
Issues resolved in the TRC process	<u>Issues that have been through the TRC process but with implications</u>	<i>Items before the TRC, but not resolved</i>

RWP Technical Bulletins

TRC 1999		
TRC	Items	Topic
G-05-02	1	Exclusive track occupancy, generally
G-05-03	5	Lone worker, generally
G-05-04	1	On-track safety training for T&E employees
G-05-05	1	Good faith challenge
G-05-06	1	Identifiable location for exclusive occupancy
<u>G-05-07</u>	<u>3</u>	<u>Roadway worker in charge, generally</u>
G-05-08	1	Audible warning from train for work over large area
G-05-09	1	Plant trackage and on-track safety for railroad employees
G-05-10	1	Train approach warning and place of safety
N/A	1	<i>Passenger platforms and snow removal</i>
N/A	1	<i>Tunnel niches</i>
N/A	1	<i>Block register territory</i>

RWP Technical Bulletins

TRC 2004-01		
TB	Items	Topic
N/A	2	<i>Foul time</i>
N/A	1	<i>Occupancy behind trains</i>
G-05-11	1	Dual power switch locations/individual train detection
G-05-12	2	On-track safety documentation
G-05-13	1	On-track safety while establishing working limits
<u>G-05-14</u>	<u>1</u>	<u>Operation of certain equipment on non-controlled track</u>
N/A	1	<i>Obstructing track under train approach warning</i>
G-05-15	1	Audible warning from train and duration
G-05-16	1	Annual training and periodic qualification
G-05-17	1	Roadway worker in charge and multiple groups
G-05-18	1	Other than roadway workers providing on-track safety
G-05-19	1	Contractor on-track safety training

RWP Technical Bulletins

TRC 2004-02		
TB	Items	Topic
G-05-20	1	Effective securing device/other instruments
N/A	2	<i>Inaccessible track – train crew flagging & RMM encroachment</i>
<u>G-05-21</u>	<u>1</u>	<u>Other than maintenance of way crafts performing duties</u>
N/A	1	<i>Speed restrictions and train approach warning/individual det.</i>
<u>G-05-22</u>	<u>1</u>	<u>Exclusive track occupancy and emergencies</u>
G-05-23	1	Retention of exclusive occupancy records by dispatcher
N/A	2	<i>Securing unoccupied equipment within inaccessible limits</i>
G-05-24	1	Adjacent tracks and small unit of major work
G-05-25	1	Revisions to on-track safety procedures & field manual
N/A	1	<i>Record of basic training</i>
G-05-26	1	Shoving moves and whistle sounding

RWP Technical Bulletins

2004-02 (Continued)		
TB	Items	Topic
G-05-27	1	Whistle sounding and “on or about the track”
G-05-28	1	Portable radios and train approach warning
G-05-29	2	Controlled points vs. manual interlockings
N/A	1	<i>Watchmen standing in tracks</i>
G-05-30	1	“Quiet” power tools

RWP Technical Bulletins

TRC	TB items addressed		TB items not addressed
	Green	<u>Orange</u>	<i>Red</i>
1999	12	<u>3</u>	3
2004-01	9	<u>1</u>	4
2004-02	10	<u>2</u>	7
Total	31	<u>6</u>	14

One casualty is too many, zero is the goal!

