

MWH

**Traffic management Workshop 2006
Remit G3**

Improving Traffic Data In RAMM

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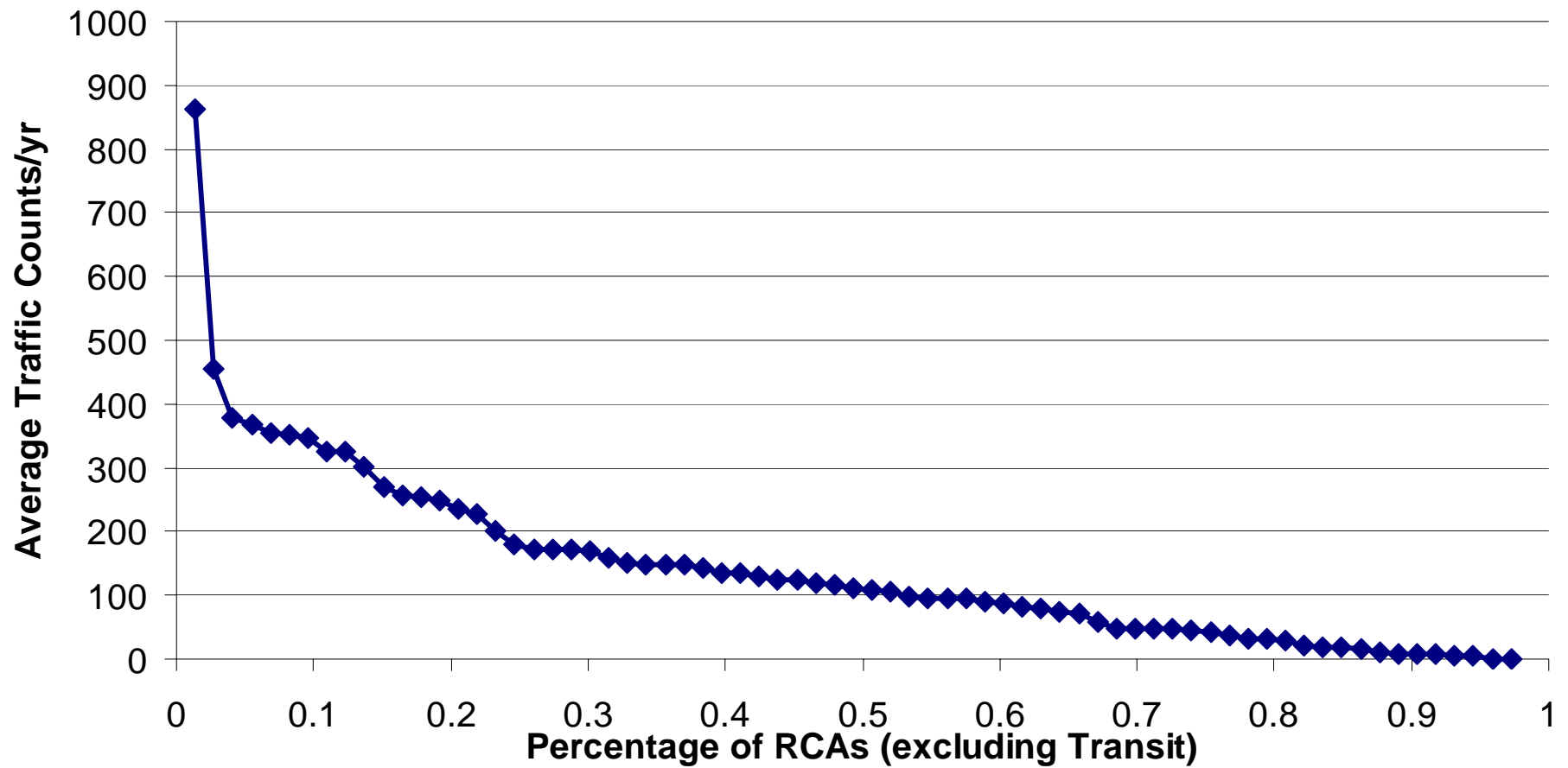
Purpose

- **Old fashioned Remit**
- **Aims to**
 - Advise industry
 - Stimulate discussion

Traffic Count Data

- **Vital component of many tasks**
 - Locally
 - Nationally
- **Considerable investment nation-wide**
 - Around 10,000 traffic counts each year
 - \$2.5 million NLTP
- **However**
 - Data is of varying quality
 - Best use is not being made of the data

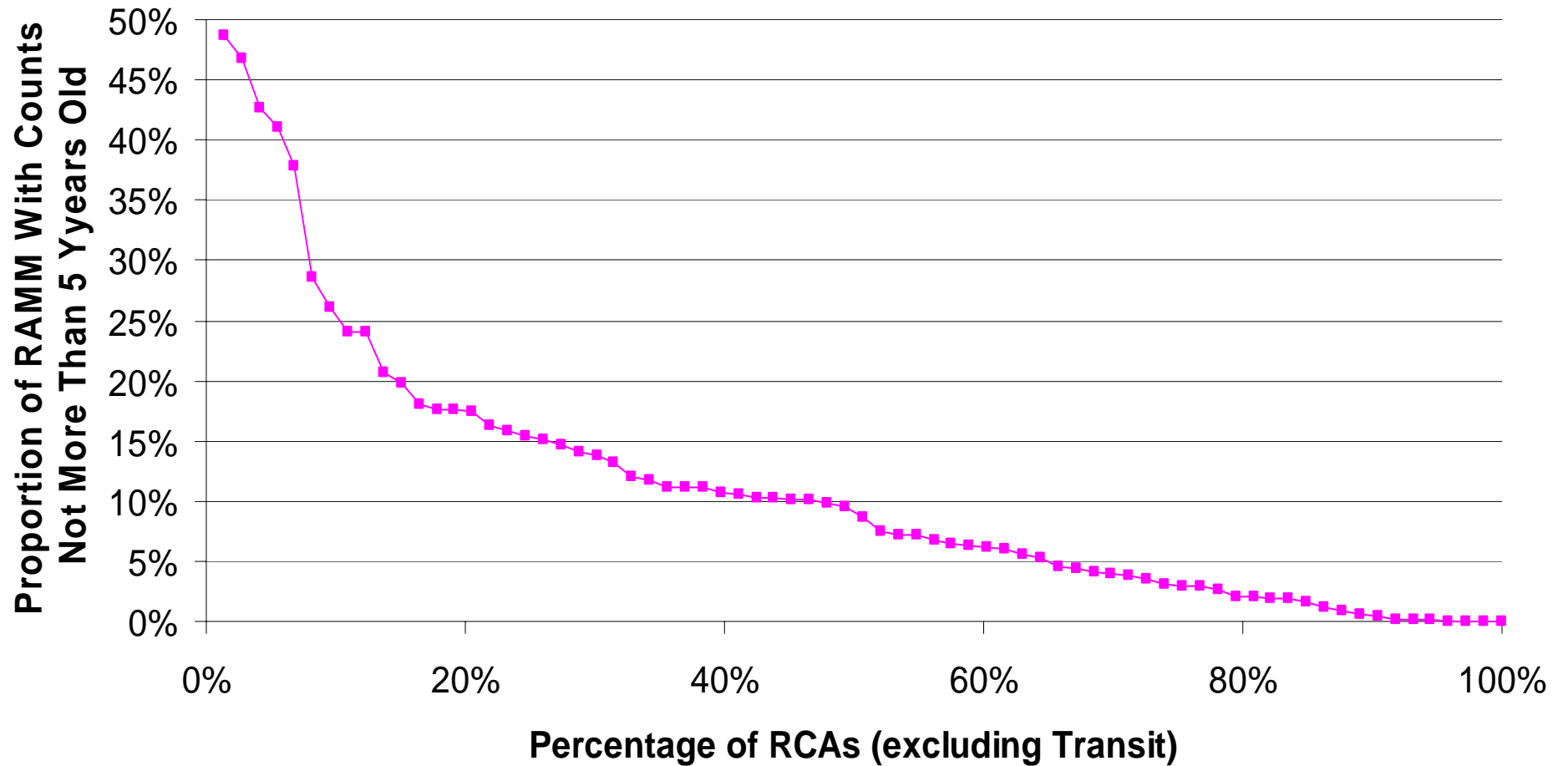
Coverage



Aim of Project

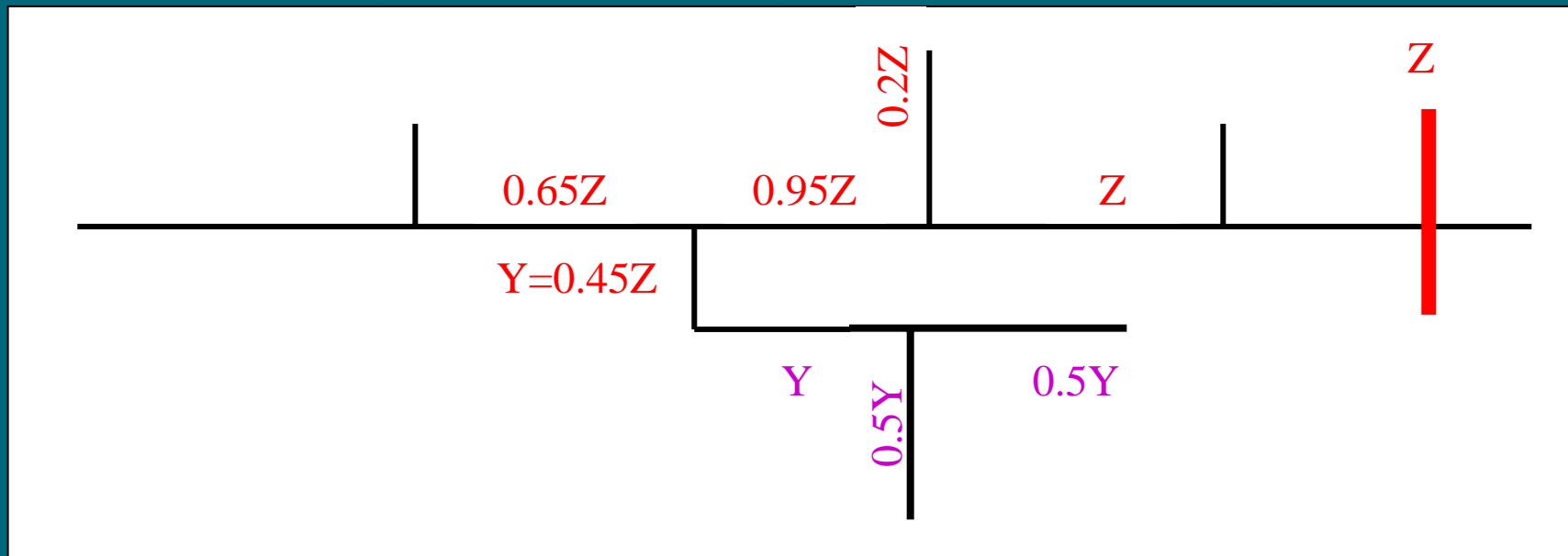
- **To Develop Cost Effective**
 - Counting Strategies
 - Tools
 - To Assist RCAs
- **With the Aim of Improving**
 - Coverage
 - Precision
 - Detail

Coverage



Improving Coverage

- **Traffic Link Network**
 - Counts are at locations and apply to one RAMM section
 - Should reduce by 40%
- **Linking Counts and Estimates**



Improving Precision

- **Current Practice**
 - Typically one count per year
 - Little seasonal adjustment
 - Estimates not updated to current year
- **Classification of Traffic Links**
 - Expected seasonal pattern
 - Growth

Improving Detail

- **Current Practice**
 - Little composition data
 - Axle counts/2 or maybe 2.2
 - HCV loadings (Guestimates/PEM)
 - Wide range of classifications
- **Improve Composition Data**
 - Composition relationships
 - Short duration counts
 - Flexible System

New Strategies

- **Core Count Sites**
 - Growth monitoring
 - Growth factors by group
 - Seasonal variation
- **Rotational Sites**
 - Covering majority of “**Key**” network
 - Providing and/or checking linking factors
- **Ad hoc Sites**

Project Outline Stage 1

- **Test Concept on 3 RCAs**
 - Will it work
 - Identify issues
 - Iron out bugs
- **Survey of RCAs Current Practices**
 - Ensure we have all elements covered
 - Assess implications of new strategy
- **Report May 2007**

Project Outline Stage 2 and 3

- **Develop and Document National Process**
 - Produce guideline
 - Develop tools (others)
- **Trial and Refine**
 - 2 RCAs
 - Test and refine national process
 - Confirm implications
- **Finish December 2007**