RPS TOPICS/REQUIREMENTS & STATEMENTS to TSSC
9/03 – 1/9/04

For discussion at TSSC Meeting - 1/12/04
J. Powell
Submitted Topics

- **TR1.** Detection Data Quality and Accuracy
- **TR2.** Best Practices for Traffic Signal Timing
- **TR3a.** Effectiveness and Optimization of Existing Controller Adaptive Features
- **TR3b.** Effective Pattern Switch Times in a TOD Schedule
- **TR3c.** Effective Configuration of Traffic Responsive Systems
- **TR3d.** Evaluate Effectiveness of Signal Systems (e.g., *icons*, ACTRA) in Microsimulation /w NTCIP Interface
Submitted Topics

• **TR4.** Performance of Adaptive Signal Control Systems

• **TR5.** Investigation of SYNCHRO Ability to Find the Best Timing Plan

• **TR6.** Validation of MOEs Generated by Traffic Models (e.g., SYNCHRO, PASSER) vs. Field Data

• **TR7.** State-of-the-Practice and Needs Assessment on Rail-Signal Operations

• **TR8.** Recent Trends in Traffic Signals
Submitted Statements

• St1. METHOD FOR OPTIMIZING COORDINATED ACTUATED SIGNAL TIMING SETTINGS

• St2. LOW COST TRAFFIC SIGNAL SYSTEM FOR SMALL TOWNS

• St3. ANALYSIS OF CLEARANCE PERIOD AT SIGNALIZED INTERSECTIONS AND THE POTENTIAL FOR Running RED LIGHTS