### Efficiency of Operations HMA Economics 101

North Central HMA Technical Conference January 10, 2007

Dudley Bonte Rieth-Riley Construction Co.

## QUALITY CONTROL ALWAYS

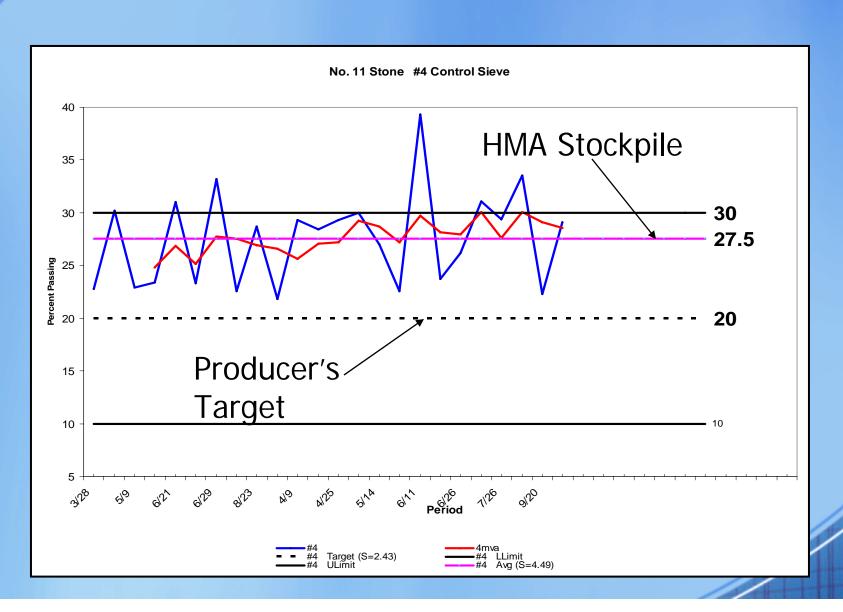
COSTS LES THAN
"REMOVE & REPLACE"

Dud's Top 10 Ways to Manage Risk (Efficiency) through QC at a **HMA Facility** 

## 10. Remember the Basics



#### 9. Do Your Homework



# 8. Understand the Specifications

#### **INDIANA**

DEPARTMENT OF TRANSPORTATION

STANDARD SPECIFICATIONS

> EFFECTIVE FOR LETTINGS ON OR AFTER SEPTEMBER 1, 2003

Includes November 14, 2002 Minutes

1999

### 7. Minimize the Risks Before Production



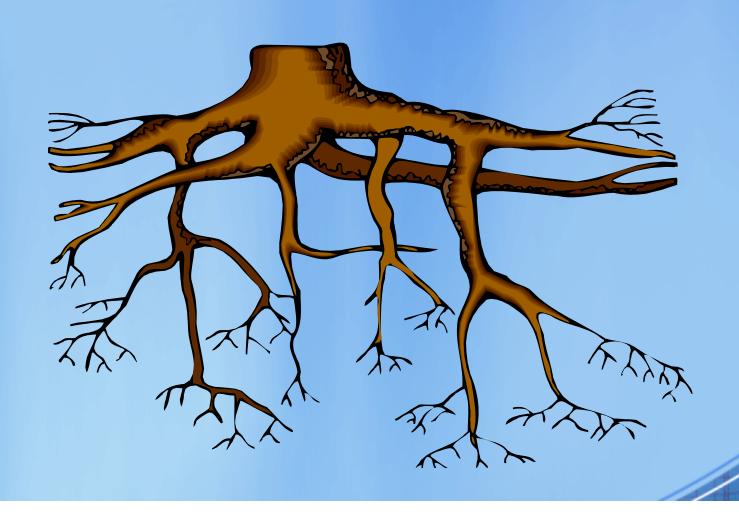
# 6. Trial a New Mix Design Where the Risk is Low



### 5. Be Creative-Estimate Properties Early



### 4. When Trouble Shooting-Look for the Root Cause



### 3. Control What You Can Control



## 2. Provide the Proper Tools



### 1. Know When to Stop and Regroup

