

# QUALITY TIPS AWARD WINNING PROJECT



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# SHELDON G. HAYES AWARD

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- PROJECTS OVER 50,000 TONS
- MUST WIN A QIC AWARD IN THE PRIOR YEAR
- HAVE TRAFFIC ON THE PROJECT FOR ONE YEAR
- INDEPENDENT COMPANY RUNS THE PROFILER
- ENGINEER RIDES THE PROJECT



# AWARD WINNING PROJECT

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**IN 2013, THE SHELLY COMPANY WAS FORTUNATE TO WIN THE NATIONAL ASPHALT PAVEMENT ASSOCIATION'S SHELDON G. HAYES AWARD. THE PROJECT WAS ON INTERSTATE 70 IN LICKING COUNTY.**



# SAFETY

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- **QUALITY THE FIRST TIME AND SAFETY EVERY TIME**
- **PRE PROJECT SAFETY MEETING**
- **WATCH OUT FOR EACH OTHER**



# THE BEGINNING

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**LARRY SHIVELY AND TIM ANDERSON (OPERATIONS MANAGER) GOT TOGETHER AND DECIDED “LET’S MAKE THIS JOB AN AWARD WINNER”!!**

**LITTLE DID THEY KNOW!!**

**UNFORTUNATELY, TIM PASSED AWAY BEFORE THE COMPLETION OF THE PROJECT.**



## PRIOR TO PAVING - “GET TOGETHER WITH ALL PARTIES”

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- Have a plan
- Be prepared
- Listen
- **CHOOSE THE RIGHT PERSONNEL**



# THE PAVING CREW

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- **EXPERIENCE-THE PAVING FOREMAN HAD 22 YEARS OF EXPERIENCE**
- **DEDICATED**
- **WORKED AS A TEAM**
- **MAKE SURE ALL EQUIPMENT IS OPERATING PROPERLY**









# TEAM EFFORTS

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**YOU CAN'T BUILD AN AWARD WINNER WITHOUT PARTNERING WITH THE OWNER. THE OHIO DEPARTMENT OF TRANSPORTATION WAS OUR PARTNER!**



## WHAT WENT WRONG?

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- **SOME MINOR LOAD TO LOAD SEGREGATION ON THE 19MM**
- **PROJECT PERSONNEL AND ODOT CONCERNED SO CORRECTIVE ACTION WAS REQUIRED IMMEDIATELY**
- **HOW WAS THIS CORRECTED?**



# CORRECTIVE ACTION

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**WE HAD A MEETING WITH ALL PARTIES TO COME UP WITH THE CORRECTIVE ACTION PLAN. THIS MEETING INCLUDED PLANT PERSONNEL, ROAD FOREMAN, AND QUALITY CONTROL PERSONNEL.**



## THE CORRECTIVE ACTION PLAN WAS TO

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- CHECK ALL STOCKPILES AT THE PLANT SITE AND MAKE SURE THINGS WERE BEING HANDLED PROPERLY.
- CHECK THE PLANT AND MAKE SURE ALL TRUCKS ARE BEING LOADED CORRECTLY AND ALL MECHANICAL PARTS ARE WORKING CORRECTLY.
- CHECK THE PAVER TO MAKE SURE BEST PRACTICES ARE BEING USED FOR UNLOADING AND MAKE SURE PAVER IS RUNNING CORRECTLY



## THE CORRECTIVE ACTION PLAN WAS TO

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- **WE PUT AN EXTRA DENSITY TECHNICIAN ON THE PROJECT SO THAT WE COULD CHECK THE MAT, DENSITY, AND MIX TEMPERATURES MORE FREQUENTLY.**
- **EXTRA TECH AT THE PLANT TO OBSERVE LOADING PROCESS**





# PRE SHIFT MEETINGS

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- **WHAT TIME IS THE ZONE CREW GOING TO START SETTING UP THE ZONE**
- **WHAT TIME ARE WE GOING TO START GRINDING**
- **WHAT TIME IS THE PLANT GOING TO START LOADING OUT TRUCKS**
- **ANY HAZARDS THAT COULD COME UP DURING THE SHIFT.**
- **COMMUNICATION IS THE KEY**



# QUALITY CONTROL AT THE PLANT

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- **THE TECHNICIAN IS ALWAYS IN COMMUNICATION WITH THE PLANT FOREMAN**
- **STOCKPILE MANAGEMENT (RAP AND VIRGIN AGGS)**
- **MAKE SURE MIXTURE IS WITHIN SPECIFICATION**
- **KEEP ALL DOCUMENTATION UP-TO-DATE**



# QUALITY CONTROL ON THE PROJECT

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- **THE TECHNICIAN IS ALWAYS IN COMMUNICATION WITH THE PROJECT FOREMAN**
- **DENSITY**
- **SMOOTHNESS-THE AVERAGE IRI FOR THE PROJECT WAS ABOUT 35.0**
- **DOCUMENT AND REPORT ALL ISSUES ON PROJECT**



# SUMMARY

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**THE PROJECT WAS A SUCCESS DUE TO THE HARD WORK OF THE PLANT, PAVING, AND QC PERSONNEL. SPECIAL THANKS TO RICHIE BORING, (PAVING FOREMAN).**

