QUALITY TIPS
AWARD WINNING PROJECT

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SHELDON G. HAYES AWARD

- 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
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

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

- Have a plan
- Be prepared
- Listen
- CHOOSE THE RIGHT PERSONNEL
THE PAVING CREW

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

YOU CAN’T BUILD AN AWARD WINNER WITHOUT PARTNERING WITH THE OWNER. THE OHIO DEPARTMENT OF TRANSPORTATION WAS OUR PARTNER!
WHAT WENT WRONG?

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

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

- 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

- 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

▪ 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

- 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

- 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

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