Sorting Out Project Issues . . . The Decision Making Process

Todd Bolling, P.E (Lynchburg District- Area Construction Engineer)
Charles Craddock, (Operations Manager – Boxley Asphalt)
Typical Chain of Command

• Inspector

• Construction Manager

• Area Construction Engineer/Materials
The Lynchburg District S.O.P

- Ride the schedule with VDOT & Contractor Personnel

- VDOT Attendees:
  - A.C.E.
  - Construction Mgr
  - Inspector
  - Residency Personnel
The Lynchburg District S.O.P cont...

• **Contractor Attendees:**
  - Ops. Mgr
  - Paving Foreman
  - Estimator (sometimes)

• **WE Evaluate Each Route**
What Do We Talk About??

• Don French (Lynchburg District Materials Engineer)

• Discuss Conditions

• Mark Limits of Work

• Discuss Construction Methods and Traffic

• Density Plan If Any for Secondary Overlays

• VDOT Thought Process for Schedules
Success Stories . . .
Rt. 151 Nelson County

• **Problem: Rumble Strips & Reflectors**
  - No Provision for Milling
  - Had Eradication & Shoulder Stone

• **Changed Plan and Milled Entire Road**
  - NO Eradication or Stone
Success Stories . . .
Rt. 29 North Campbell County

• Spots of Rough Existing Asphalt
  – ACOT Tie-In Milling Only
• Milled ¼ Mile Extra
  – Route was Honorable Mention Award Winner
Success Stories . . .
Rt. 699 Campbell County

• Asphalt Failure at Stop Sign
  – Rough Winter

• Abnormally Thick Paint/Thermo?

• VDOT Elected to Repair & Eradicate
  – Didn’t Impede Contractor Schedule
NOT A Foolproof Method???

- Rt. 56 Nelson County (Shipman)

- Spec. Change for Reflector Install
  - Contiguous Section that we paved had Double Reflectors
  - We Installed Joint in Center of Road

- READ the Contract Details
Anonymous Primary Route with Rideability Bonus.

- Contract Specified Road Width

- Met Inspector Before Mobilization
  - Discussed Varied Width and How to Eliminate Material Overruns.

- Apparently Never Went up Chain
  - As Directed, we Milled & Paved the EXACT Specified Width
So What Are the Benefits??

• Everyone is on the SAME page
  – Minimizes hiccups in the field

• Foreman Rides the Routes before Execution of Work
  – Identify Potential Problems
  – Identify places to Stage Equipment
  – Develop Strategy to perform work

• Confirm Contract Accuracy
  – Limits of work
  – Pay Items
  – Quantities??

• Resolve/Minimize Issue before Mobilization
• Questions?

We Really Don’t Want to Answer Any . . . Time to EAT!!!