Track Asphalt Placement

Q&A

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Items to Discuss with Paving Contractor Prior to Paving

- Explain the Grade, Planarity, and Smoothness Requirements
- Discuss Grade References
  - Inside/Outside Curb Maximum Elevation Deviation
  - How the Elevation Deviation affects the cross slope.
- Discuss the Maximum Elevation Deviation in the subbase material they are paving on.
Items to Discuss with Paving Contractor Prior to Paving

- Paving Plan
  - Access Point
  - Paving with Machine Control or Paving by Hand?
  - Pass Layout
  - Elevation References
  - Paving Speed (Important to keep a consistent speed.)
    - Typically in Feet per Minute
    - Takes into account:
      - Asphalt Plant Production
      - Distance from Plant to job (Don’t forget Traffic)
      - Number of trucks
      - Payload of each truck.
- Rolling Plan/Pattern
What to Watch for While Paving...

• Ensure that the paving plan that was discussed prior to paving is being followed.

• Equipment
  • Proper number of rollers to keep up with the paving operation.
    • Typically 2-3.
  • Is the Paver in Good Working Order?
    • Leaking fluids
    • Broken Parts
    • Anything else that could stop the paving operation.
  • Is the Screed Flat?
    • Does it need adjusted?
    • When will it be checked and how will they make adjustments?

• Consistent Paving Speed is key for Smooth Pavement.
Having The Right Roller For the Job
Pneumatic Rollers
Combination Rollers
Steel Wheel Rollers
Basic Rolling Pattern
Things to Watch For During Paving Process

- Mat Texture behind the paver.
  - Consistent texture all the way across the mat.
  - Paver adjustments may be needed.
- Straight Edge the Mat Prior to rolling.
- Stop Marks in the Mat left from the paver screed.
- Roller Stop Marks
- Open or Segregated Pavement Joints
Additional Information
Thank you to our Speakers for participating in our panel.