Innovative Paving Programs at the Local Level

All in a day’s work—a Contractor’s Perspective
Innovative Paving Programs at the Local Level

Our Process

- Prep Day Prior
  - Traffic Control Layout
  - Erosion Control
  - Break Out Water Boxes
- Traffic Control Set Up
  - Plan Traffic Pattern
  - Set Up Flagger Positions
- Milling Mobilization
  - 2-8' Mills/Skids/Brooms
  - 2 Large Water Trucks
  - 2' Mill & Lowboy
  - Street Sweeper
Innovative Paving Programs at the Local Level

- Paving Mobilization
  - 2 – 10’ Pavers/Skids
  - 4 to 6 Rollers
  - Crew of 16
  - 2 Paving water Trucks
- Striping Crew
- Trucking
  - Milling 10-16 trucks
  - Paving 14-20 trucks
Innovative Paving Programs at the Local Level

- **Typical Work Day**
  - Traffic Control Set about 6 am
  - Milling Starts at 7 am
  - Milling Finishes Early Afternoon
  - Paving Starts at 9:30 am
  - Paving Finishes late afternoon (6 pm)
  - Striping starts about noon and completes an hour or two after paving
Innovative Paving Programs at the Local Level

Advantages

- Quick turn around
  - Mill & Pave sections in one day
- Public Inconvenience--short duration & Shorter Work sections
- 2” pavement thickness is good for pavement life duration
- Large Scale to Full Closures
  - Speeds up work time
  - Safer for Workers and Traveling Public
Innovative Paving Programs at the Local Level

Advantages

- **Schedule Flexibility**
  - City of Milwaukee has been very flexible in project timing

- **Project Scope can change quickly**
  - Added streets
  - Intersections
  - Lengthening of projects
  - Meet Demands of Public Officials

- **Volume of Area**
  - City can cover many areas in need of work
Innovative Paving Programs at the Local Level

Advantages

- Good Dollar Value to cover many miles of streets
- No utility work
- No concrete work
Innovative Paving Programs at the Local Level

Advantages

- SAVE TIME
- SAVE MONEY
- SOLID ASPHALT PAVEMENT
- START TO FINISH IN THE SAME DAY
Innovative Paving Programs at the Local Level

Possible Improvements

- Ride on Utilities
- Wedge and Overlay for ride improvement (time & cost)
- Change Mix Types for Differing Roadways
- Change AC Types for Differing Loads and Traffic
- Air Void Regression