

# Innovative Paving Programs at the Local Level

All in a day's work-a Contractor's Perspective

# Innovative Paving Programs at the Local Level



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INCORPORATED

## 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



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- 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



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## ➤ Typical Work Day

- Traffic Control Set about 6 am
- Milling Starts at 7 am
- Milling Finishes Early Afternoon
- Paving Starts at 930 am
- Paving Finishes late afternoon (6 pm)
- Striping starts about noon and completes an hour or two after paving



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## 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



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## 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



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## Advantages

- Good Dollar Value to cover many miles of streets
  - No utility work
  - No concrete work



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## Advantages

- SAVE TIME
- SAVE MONEY
- SOLID ASPHALT PAVEMENT
- START TO FINISH IN THE SAME DAY



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## 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

