NYSDOT Pavement Preservation Program

- Mature program
- Informal - Since early 1970’s
- Formalized in early 1990’s
- Department developed PMS - PNAM
  - Replacement for PNAM currently in progress
  - First step - incorporate IRI and Sufficiency Scores
- GIS informally used
NYSDOT Pavement Preservation Program

- Treatments
  - Hot Mix Asphalt Surfaced Pavements
    - Crack filling and sealing
    - Surface treatments
      - Conventional
      - Rubberized
      - Fiberized
    - Quick-set slurry seal
    - Microsurfacing
NYSDOT Pavement Preservation Program

- Treatments - continued
  - Hot Mix Asphalt Surfaced Pavements - continued
    - Paver placed surface treatment
      - Conventional & rubber modified
    - 40 mm Hot mix overlay
    - Super thin hot mix overlay - 6.3 mm HMA
    - Cold-in-place recycling
    - Heater Scarification
NYSDOT Pavement Preservation Program

- Treatments - continued
  - Portland Cement Concrete Pavements
    - Crack and joint sealing
    - Diamond grinding
    - Spall repair & partial depth patching
    - Full depth patching
    - Load transfer restoration
    - Longitudinal joint restoration
NYSDOT Pavement Preservation Program

- Comprehensive Pavement Design Manual
  - Chapter 10 - Preventive Maintenance
    - [https://www.nysdot.gov](https://www.nysdot.gov)
    - Publications
      - Comprehensive Pavement Design Manual
      - Scroll down to Chapter 10

- Rewrite of CPDM being considered to incorporate newer treatments and guidance
NYSDOT Pavement Preservation Program

- Contract Mechanisms
  - Conventional construction contracts
  - Simplified construction contracts
  - Office of General Services Commodity contracts

- Funding
  - $120 million per year from state dedicated fund and Federal funds
  - Additional Advanced Federal Aid - $40M per year for 3 fiscal years
NYSDOT Pavement Preservation Program - Challenges

- Technical
  - Selecting the right roads
  - Selecting the right time
- Administrative
  - Time it takes to get work out
- Political
  - Pavement Preservation is not a vote getter
NYSDOT Pavement Preservation Program - Challenges - (Cont’d)

- **Training**
  - Program cuts across several areas
  - Large state, large work force, many locations
  - Personnel turnover

- **Contracting**
  - Conventional contracts - overhead
  - OGS Commodity contracts - inflexible
  - Small pool of contractors for some treatments
NYSDOT Pavement Preservation Program

- Contact information

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