



Pavement Preservation Program Report

**New York State
Department of
Transportation**



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>
 - **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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