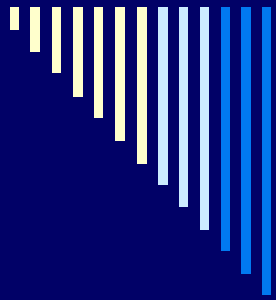


Ohio DOT

**Pavement Preventive Maintenance
Program**



Distress	Crack Seal	Chip Seal	Single Micro	Double Micro
Raveling	L: OFE, M: O	L: OFE	L: OFE	L: OFE, M: OFE
Bleeding	None	None	M: O	M: OFE
Patching	L: O, M: O, H: O	None	None	None
De-bonding	L: O	None	None	None
Crack Seal Deficiency	F & E	N/A	N/A	N/A
Rutting	L: OFE, M: O	L: OFE	L: OFE	L: OFE, M: O
Settlements	N/A	N/A	N/A	N/A
Potholes	N/A	None	None	None
Wheel Track Cracking	L: O	L: OFE	L: OF, M: O	L: OF, M: O
Block & Transverse Cracking	L: OFE, M: O	L: OF, M: O	L: OFE, M: O	L: OFE, M: OF
Longitudinal Cracking	L: OFE, M: O	L: OFE, M: OFE	L: OFE, M: OFE	L: OFE, M: OFE
Edge Cracking	L: OFE	L: OF, M: O, H: O	L: OF, M: O, H: O	L: OFE, M: O, H: O
Thermal Cracking	L: OFE, M: O	L: OFE, M: O	L: OFE, M: O	L: OFE, M: O



Select County Summary	Chip Seal Composite General	Micro-Surf Double App Comp General	Thin HMA Overlay Comp General	Poly Comp or UTB General
Select County PCR	Chip Seal Flexible General	Micro-Surf Double App Comp Priority	Thin HMA Overlay Comp Priority	Poly Comp or UTB Priority
County Route & Log PCR	Micro-Surf Single App Comp General	Micro-Surf Double App Flex General	Thin HMA Overlay Flex General	Poly Flex or UTB General
Select District PCR	Micro-Surf Single App Comp Priority	Micro-Surf Double App Flex Priority	Thin HMA Overlay Flex Priority	Poly Flex or UTB Priority
County Route & Log Summary	Micro-Surf Single App Flex General	Crack Seal Comp General	Crack Seal Flex General	Pavement Maint All Categories
County Route & Log Roughness	Micro-Surf Single App Flex Priority	Crack Seal Comp Priority	Crack Seal Flex Priority	



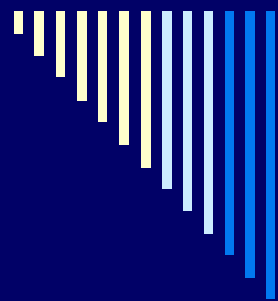
County Work Plan 2006 - April 1, 2006 - March 31, 2007

Pavement Engineering Category

Pavement Preventive Maintenance (PPM) and Crack Sealing Goals

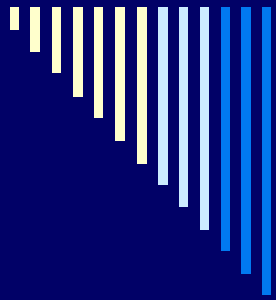
GENERAL SYSTEM

District	Candidate Crack Seal Lane Miles	Goal Crack Seal Lane Miles (15%)	Candidate PPM Lane Miles	Goal PPM Lane Miles (5%)
1	793	119	830	42
2	592	89	383	19
3	289	43	374	19
4	275	41	475	24
5	645	97	648	32
6	320	48	546	27
7	636	95	1107	55
8	456	68	635	32
9	506	76	1003	50
10	455	68	982	49
11	317	48	442	22
12	20	3	73	4
Total	5306	796	7497	375



PM Research

- Crack Seal Study
 - Year 7 of a 10 yr study
- Thin Hot Mix Overlay Study
 - Year 4 of a 5 year study
- Surface Repair Study
 - Just started a 2 yr study.
- Micro-Surfacing and Chip Seal Study
 - Starts in 2007 for 30 months



??????

- ❑ Is there a need to crack seal prior to chip seal?
- ❑ What aggregate gradations are used on double chip seals for the base chip seal?
- ❑ What are appropriate traffic levels for chip seals?
- ❑ How do others handle chip seals on curves?