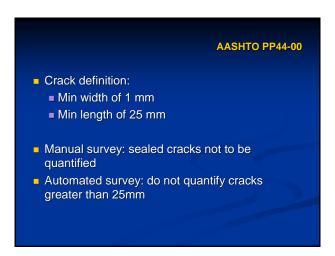
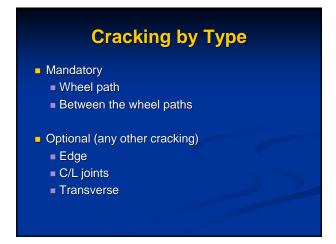
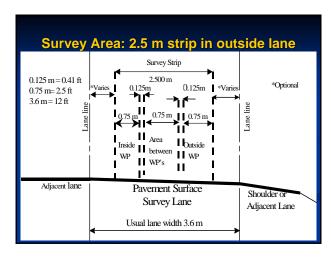


# Attempt to set a standard for the rating of surface distress - cracking Has been a provisional protocol for quite some time Many, many reviews & revisions Recent vote on the protocol to keep it alive

# Standard applies to manual or automated survey of distress Recent revisions attempted to simplify the cracking distress into 2 simple components: Environmental: non-load associated (outside the wheel paths) Load related (predominantly in the wheelpaths).







### AASHTO PP44-00

- Level was originally going to be just total length in an area.
- The concepts of severity and intensity crept back in to partially appease the old guard but at least the computer didn't have to differentiate between block and alligator cracking (something people can't even do reliably)

Severity Levels						
Level	Outside WP (m/m²)	Inside WP (m/m²)	Middle of WP (m/m²)	Edge	C/L Joints	Trans Cracks
1	12	19	5	Opt	Opt	Opt
2	25	10	2	Opt	Opt	Opt
3	10	12	4	Opt	Opt	Opt

## **Quality Assurance**

- Each agency shall develop an adequate quality assurance plan.
- Qualification and Training
- Equipment
- Validation Sections
- Additional Checks
  - Year to year comparisons
  - Gross changes evaluated for trends, consistency and reasonableness against other

## Protocol Usage

- Not an official protocol
- Not widely accepted at present
- Follow "Modified" AASHTO protocol
- Based on specific agency "needs"
  - Maintenance strategies used
  - Limitations of resources, technology











