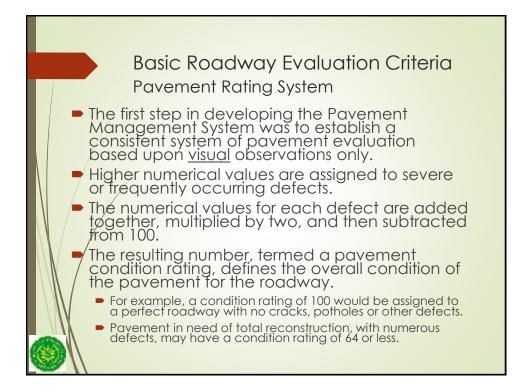
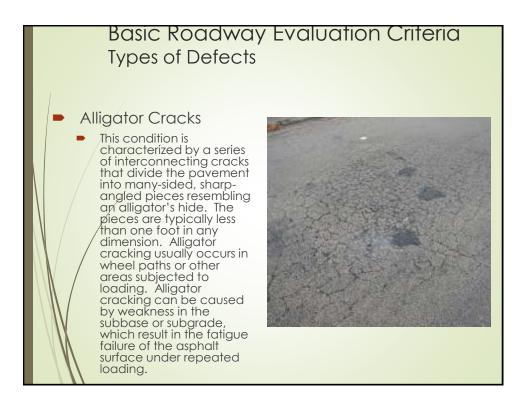
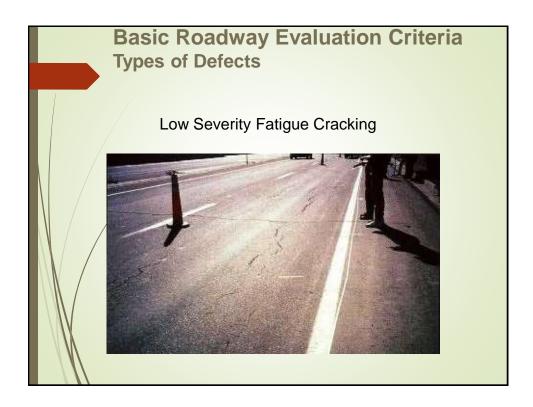


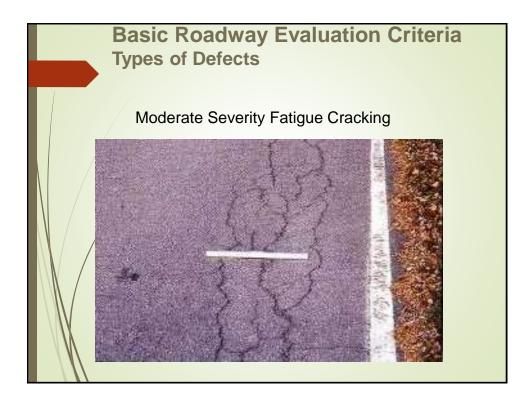
	Drainaç	ge Distre	SS
fair,	inage: Drainage cond poor or very poor), w inage factor. The drainage factor.	hich define	s the
	to input the type of drain (as listed in Table C2. good, fair, poor or very poor. Table C2.10 Suggested rang		
	good, fair, poor or very poor. Table C2.10 Suggested rang	ge of drainage factor val	
	good, fair, poor or very poor.	ge of drainage factor val	ues
	good, fair, poor or very poor. Table C2.10 Suggested rang	e of drainage factor val Drain co Excellent	ues ondition Very poor
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type	e of drainage factor val Drain co Excellent	ues ondition Very poor
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type Fully fined and linked.	e of drainage factor val Drain co Excellent	ues ondition Very poor
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type Fully fined and linked Surface fined	e of drainage factor val Drain co Excellent	ues ondition Very poor
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type Fully fined and linked Surface fined V-stuped – hant	e of drainage factor val Drain co Excellent DF _{ols} 1 1 1	ues Very poor DF _{max} 3 3 4
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type Fully fined and linked Surface fined V-shaped - hant V-shaped soft	e of drainage factor val Drain co Excellent DF _{rein} 1 1 1 1 1 5	Ues Dendition Very poor DF _{max} 3 3 4 5
	good, fair, poor or very poor. Table C2.10 Suggested rang Drain type Fully fined and linked Surface fined V-shaped – hand V-shaped – soft Shallow – hand	ge of drainage factor val Drain c Excellent DF _{rein} 1 1 1 1 1 2	ues ondition Very poor DFmax 3 3 4 3 5

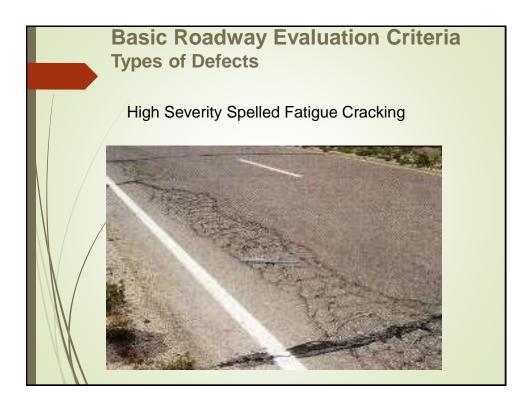


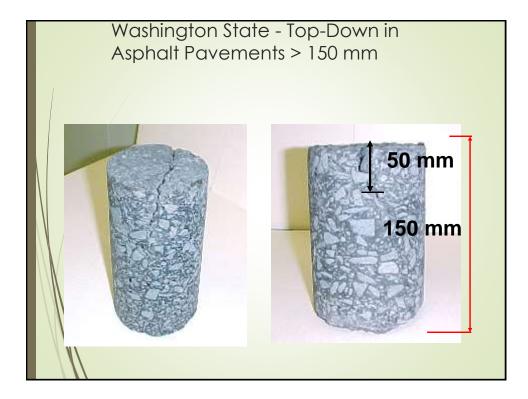


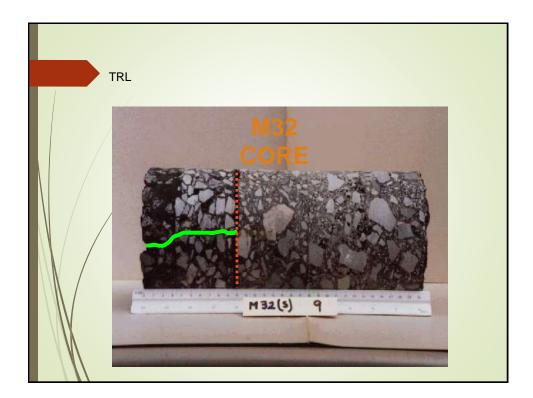


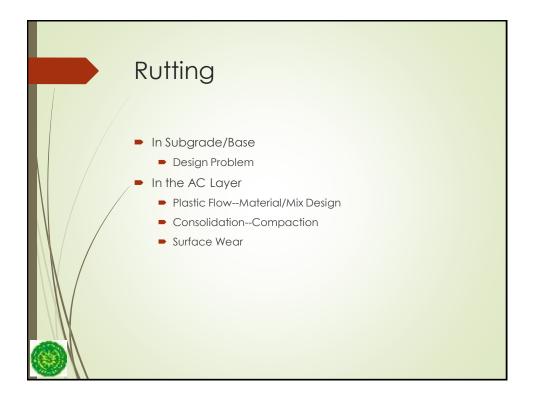






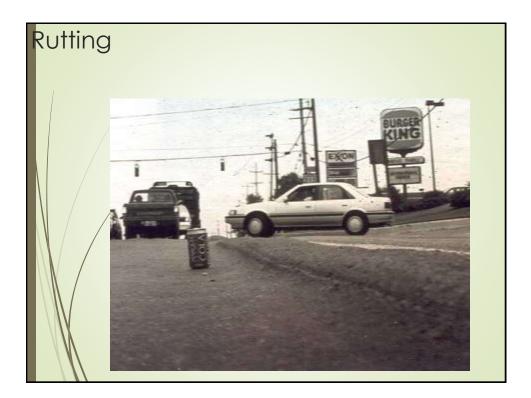


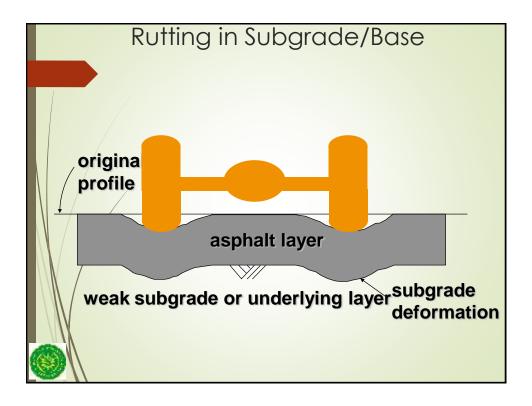


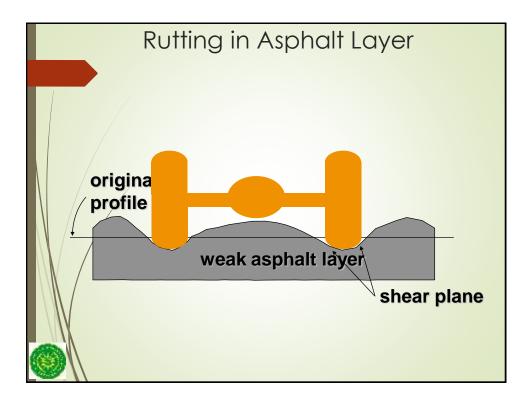


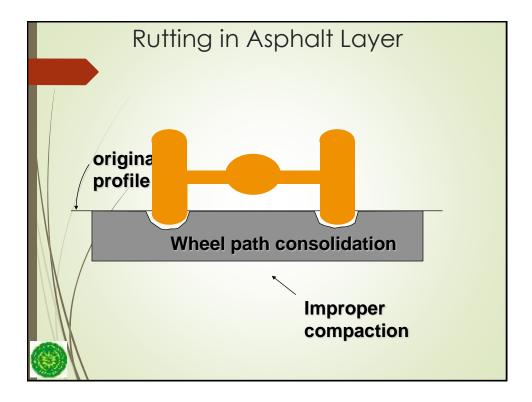




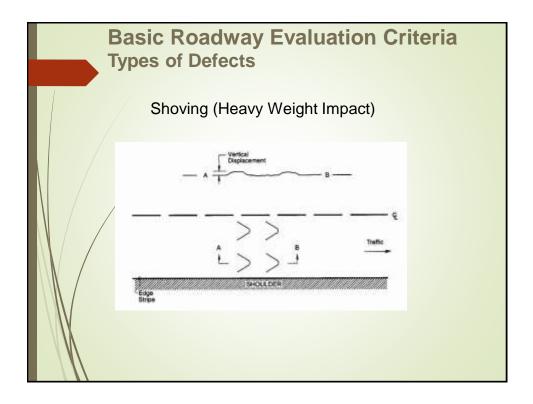


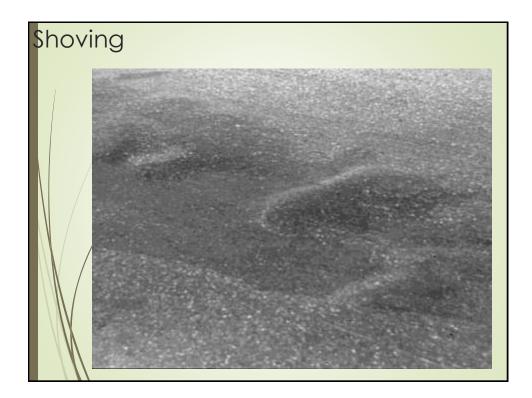


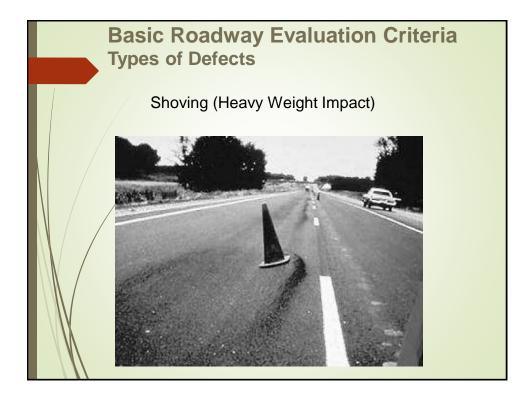


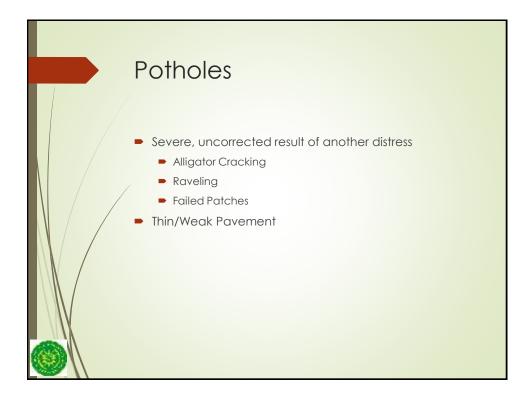










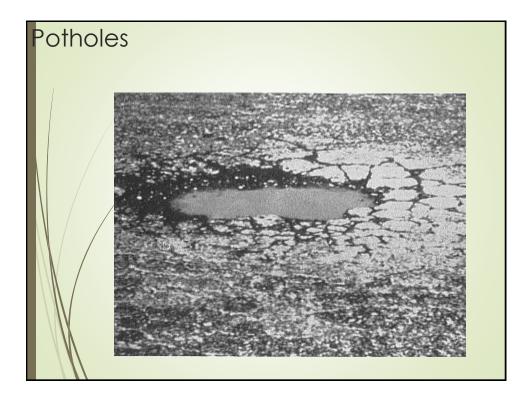


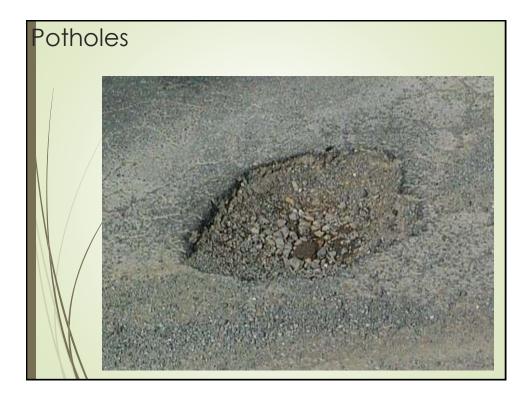
Basic Roadway Evaluation Criteria Types of Defects

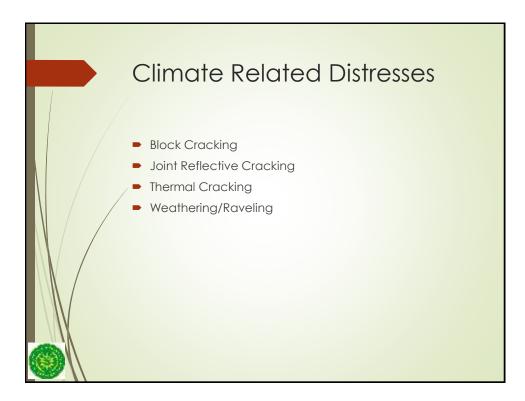
Potholes

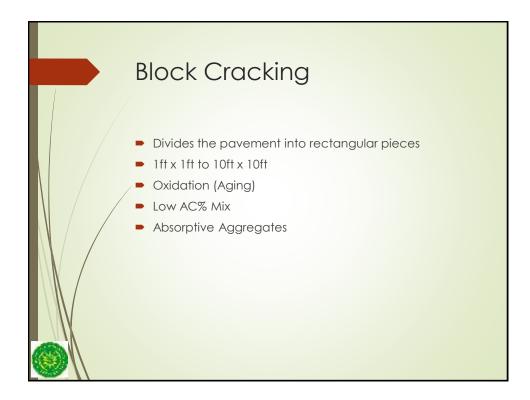
This condition is characterized by holes in the pavement surface at least 1/2" deep and at least one square foot in surface area. Potholes generally occur when a serious distress, such as alligator cracking, combines with excess water, freeze-thaw cycling, and traffic loads. These results in localized disintegration of the pavement materials and the materials are then dislodged by traffic.

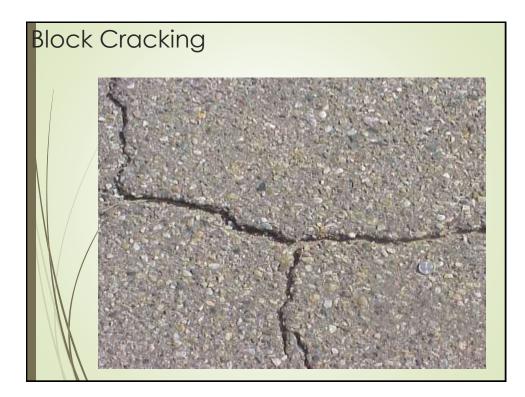


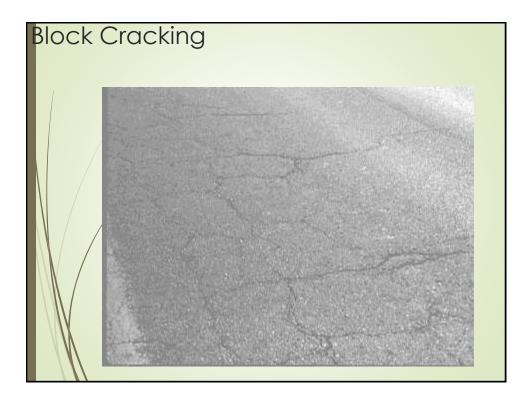


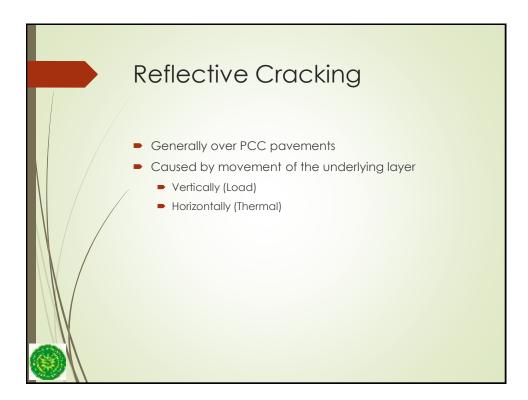


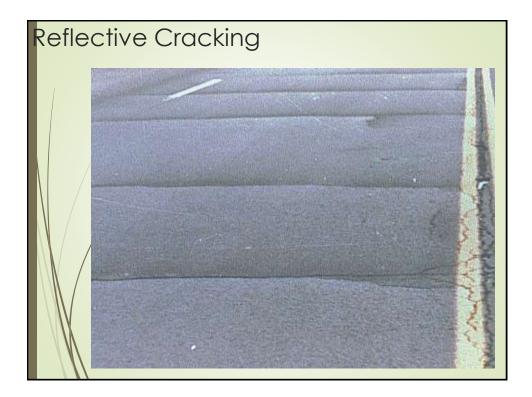


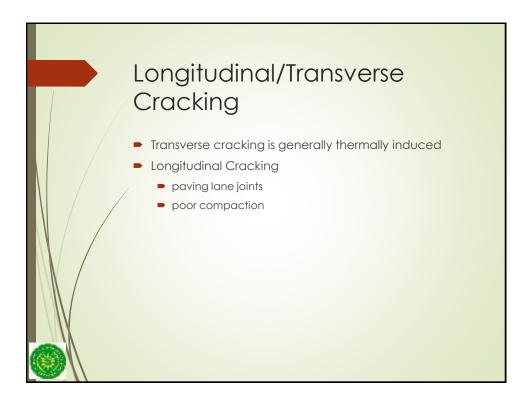












Basic Roadway Evaluation Criteria Types of Defects

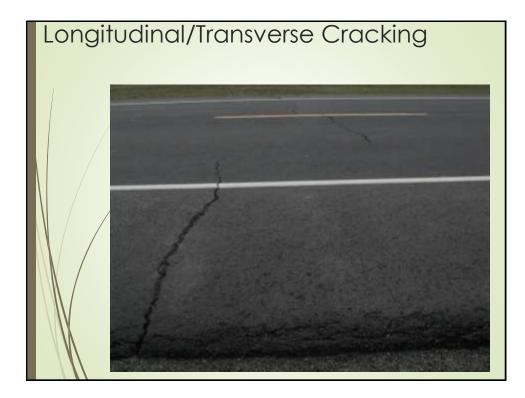
Transverse / Longitudinal Cracks

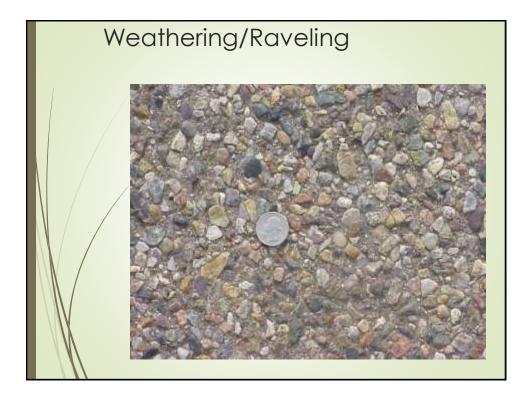
This condition is characterized by visible fractures or separations of the pavement surface occurring transversely (across) or longitudinally (down) the roadway. This cracking may be caused by a poorly constructed paving joint, shrinkage of the surface due to low temperature, asphalt hardening, or a reflection crack from an underlying rigid base.

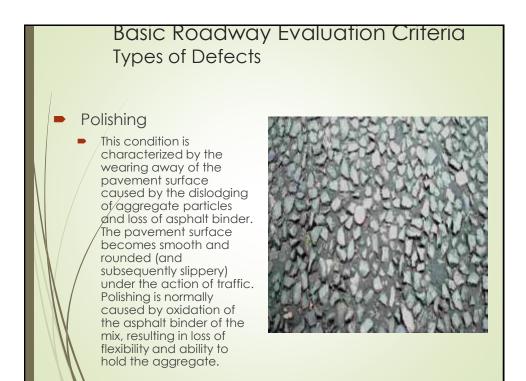


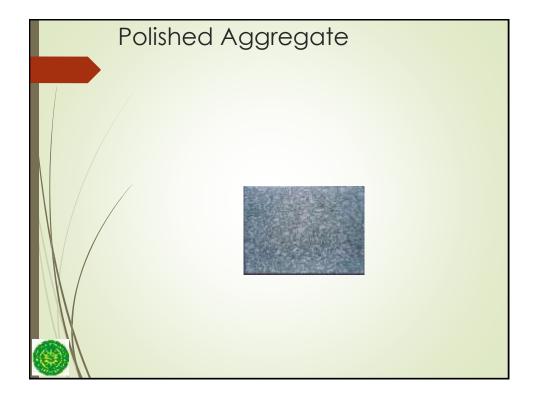


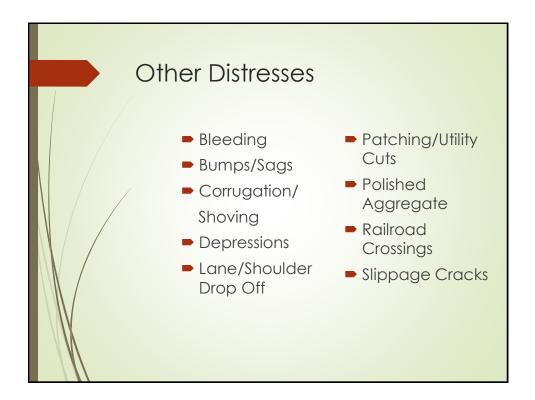


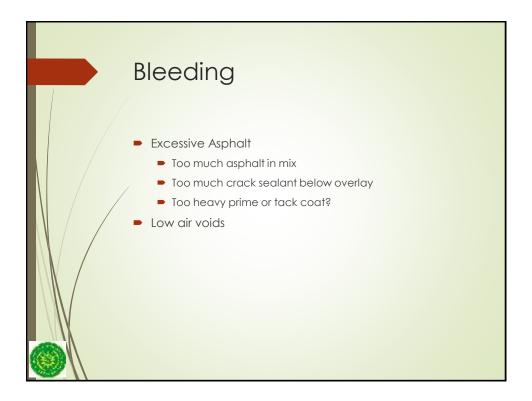




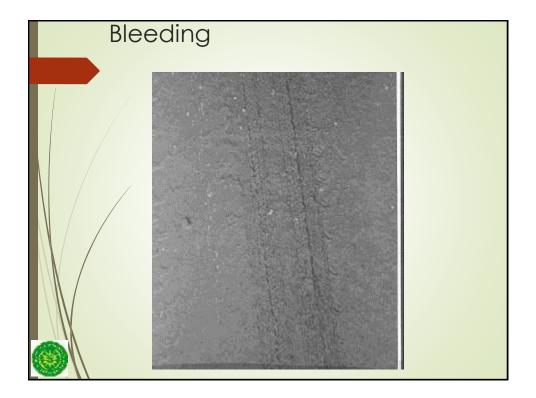


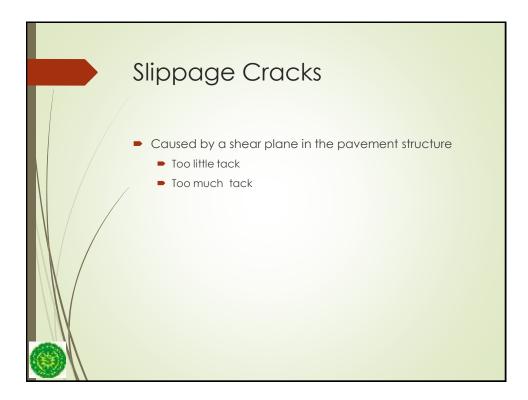


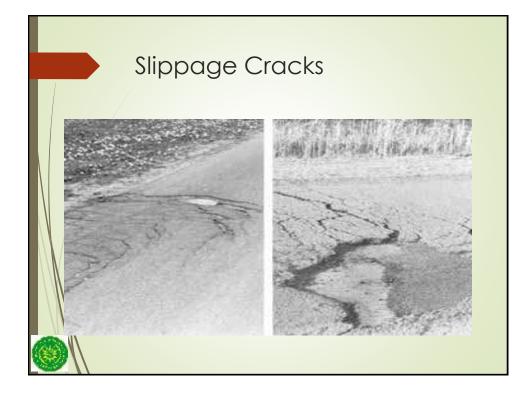


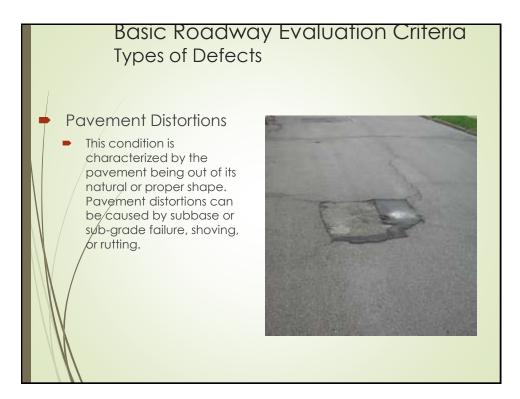










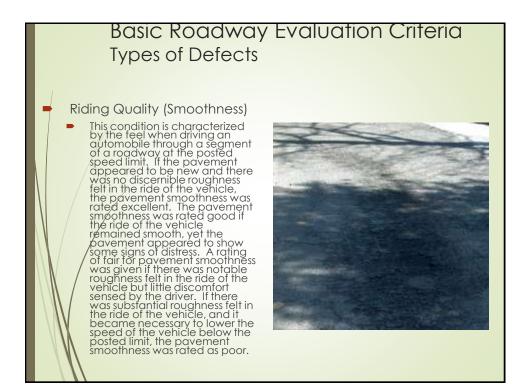


Basic Roadway Evaluation Criteria Types of Defects

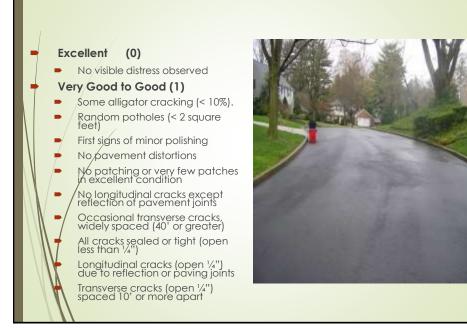
Drainage/Ponding Problems

This condition is typically characterized by inadequate roadway cross slopes and gutter slopes holding water on a roadway. This condition can also be attributed to improper shaping of the road, improper spacing and sizing of drainage inlets, and blocked culverts.





Basic Roadway Evaluation Criteria Rating of Defects (0 to 5)



Basic Roadway Evaluation Criteria Rating of Defects (0 to 5) Good to Fair (2) Some alligator cracking (<15%) Occasional pothole (< 2 square feet) Slight polishing Occasional pavement distortion (less than 1/2" Occasional patching in good condition Longitudinal cracks (open ¼" to ½") with some spaced less than 20" First signs of minor longitudinal cracks near Transverse cracks (open 1/4" to 1/2") show first signs of minor secondary cracks Fair (3) Some alligator cracking (<20%) Potholes (> 2 square feet) in several areas Moderate polishing Moderate distortions (1/2" to 1" deep) Occasional patching in fair condition Longitudinal cracks (open 1/4" to 1/2") with some spaced less than 10" Signs of moderate longitudinal cracks near Transverse cracks (open ¼" to ½") show first signs of moderate secondary cracks

Basic Roadway Evaluation Criteria Rating of Defects (0 to 5)

Poor to Very Poor (4)

- Alligator cracking (> 25%)
- Potholes (> 3 square feet) in several areas
 - Severe polishing
 - Severe distortions (over 1-1/2" deep)
 - Patches in poor condition
 - Longitudinal and transverse cracks often showing raveling (loosening of stones from the surface of a pavement) and crack erosion

Failed (5)

Severe loss with extensive loss of surface integrity



Basic Roadway Evaluation Criteria Rating of Defects (0 to 5) Excellent condition (0) like new Very good condition (1)

- Older, but no problems noted Good condition (2)
 - some minor problems
- Satisfactory to fair condition
- structural elements are sound but have minor section loss, cracking, spalling, and improper alignment
- oor Condition (4)
- advanced section loss, deterioration spalling, improper alignment, and severe cracking ailed (5)

needs total replacement



