

Pavement Management Project Ranking Methodology

Current Pavement Condition55%

Based on Pavement Surface Evaluation and Rating (PASER)

<u>Rating</u>	<u>Score</u>	<u>Construction Technique</u>
1	100	Full pavement reconstruction
2	100	Full pavement reconstruction
3	100	Structural repair
4	100	Major repair
5	93	Major repair
6	78	Major repair
7	60	Minor repair
8	25	No repair
9	0	No repair – recent overlay
10	0	No repair – new construction

Deterioration Rate (Δ Pavement Condition/ Δ Years).....25%

- Visual Rate: Based on initial construction or capital maintenance, 2005 pavement condition, 2010 pavement condition and 2013 pavement condition.
- Theoretical Rate: Based on standard ESAL value and estimated years to failure using the FDOT Flexible Pavement Design Manual
- Visual & theoretical rate averaged for a final rate
- Current 90th percentile rate for the roadway inventory equals 0.1962

Scoring: Rate of 0.00 receives a score of 0; Rate of 0.1962 or greater receives a score of 100; Linear scoring from 0 to 0.1962.

Traffic Volumes.....10%

- Actual traffic data or estimated traffic volumes using ITE Trip Generation – 8th edition.
- Current 90th percentile ADT for the roadway inventory equals 6354.

Scoring: ADT of 0 receives a score of 0; ADT of 6354 or greater receives a score of 100; Linear scoring from 0 to 6354.

Crash Rate10%

- 3 year crashes per vehicle miles traveled; 0.00 crash rate given to low speed segments
- Current 90th percentile rate for the roadway inventory equals 14.1878.

Scoring: Rate of 0.00 receives a score of 0; Rate of 14.1878 or greater receives a score of 100; Linear scoring from 0 to 0.1962.

Adjustment.....Funded/Unfunded

- Currently funded projects are not ranked.
- Partially funded or projects promised by the BOCC move to top of the list.

Pavement Management Project Rubric

Lane Widths

- Arterials & Collectors: If lane widths are less than 11 feet, widen to 11 feet.
- Locals: If lane widths are less than 10 feet, widen to 10 feet.
- Subdivisions: Do not adjust lane widths.

Paved Shoulders

- Arterials & Collectors: Add 4' paved shoulders on roadways without curb & gutter.
- Locals: Add 4' paved shoulders on roadways without curb & gutter if the traffic volume is greater than 1200 vehicles per day.
- Subdivisions: Do not add paved shoulders.

American with Disabilities Act (ADA)

- Make ADA enhancements to current facilities as required by law.

Safety

- Remove, relocate or shield clearzone hazards as required by minimum standards.
- Analyze crash history and make geometric or access management modifications to reduce the likelihood of crashes.