

2021 NHS Asset Management Program - Scoring Criteria

Total Points Available

Scoring Criteria	Points
1) Pavement Condition Index Value	15
2) International Roughness Index Value	15
3) Cost Effectiveness	35
4) Level of Maintenance Effort	35
Total	100

1) Pavement Condition Index Value (15 Points Maximum)

PCI Value of Roadway Segment	Points
70 to 100	0
60 to 69	7
50 to 59	15
40 to 49	7
0 to 39	0

2) International Roughness Index Value (15 Points Maximum)

IRI Value of Roadway Segment	Points
Less than 150 (Good)	0
150 to 169 (Fair)	7
170 to 219 (Fair)	15
220 to 320 (Poor)	7
Greater than 320 (Unacceptable)	0

3) Cost Effectiveness (35 points Maximum)

Cost Effectiveness of the proposed project	Points
<p>The cost effectiveness of the proposed project will be calculated using the following elements:</p> <ul style="list-style-type: none"> • Amount of Program funds requested, • Thru-Traffic Lane Miles paved, and, • Estimated treatment life in years. <p>Cost Effectiveness = $\frac{\text{Program Funds Requested}}{\text{Thru-Traffic Lane Miles} \times \text{Estimated Treatment Life}}$</p> <p>A range of cost effectiveness values and their associated points will be determined based upon the calculated values from all submitted applications. (Standard deviation approach)</p>	0 - 35

4) Level of Preservation Effort (35 Points Maximum)

Maintenance Effort for the agency's entire roadway system.	Points
Does the agency have or are they working to establish a pavement management plan? (High-10, Medium-5, Low-0)	0 - 10
How is the roadway system monitored and assessed? (High-10, Medium-6, Low-3, <25%-0)	0 - 10
How are priorities set and managed? (High-5, Medium-3, Low-0)	0 - 5
How are preservation activities incorporated to extend pavement life? (High-5, Medium-3, Low-0)	0 - 5
Level of funding the agency invests for preservation of their roadway system. (Standard deviation approach)	0 - 5