

Project Selection Tool for IMPP: Rigid Pavement Example

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Pavement Management Unit



Example: I-85 Durham County

- Pavement surface: Jointed Concrete
- Begin milepost 12.996 (from PMS)
- End milepost 13.731 (from PMS)
- AADT is 29500; PCR= 76.2,73.9
- Distresses: 10% corner breaks, 75% spalling, minor transverse cracking, <10% joint seal failure, severe surface wear



Eligibility

- No material related distress.
- Interstate is eligible for federal aid IM funds.



Preservation and Impact Points

• PCR is 75.05	20 points
• Length is 0.74 miles	1 points
• AADT is 29500	10 points
• Leveraging- no other funds	1 point
• Division Priority- priority 4	1 points
Total Preservation Impact:	<hr/> 33 points



Technical Points

• Corner Breaks >10 per mile	0 points
• Faulting <0.25"	10 points
• Joint Condition fair	2 points
• Spalling 75% of slabs	0 points
• Surface wear	5 points
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Total Tech points:	17 points



Project Totals

- Eligibility (pass/fail) Pass
- Preservation & Impact 33 points
- Technical 17 points

Total Project points: 50 points

This project has excessive spalling. The structure of the concrete is fair.



Are there any questions?

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