



U.S. Department of Transportation
Federal Highway Administration

FHWA

MAP-21 Pavement Performance Measures
National Concrete Consortium
Asheville, North Carolina

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MAP-21

- Infrastructure Performance Measures
- Pavement and Bridge
- New definitions / concepts
- Deteriorated condition
- Avoiding structurally deficient



MAP-21

- Infrastructure Performance Measures
- Pavement
- Still linked to IRI, but other aspects
- Matrix – IRI, Rutting, cracking, faulting
- Again need your help. No statistical performance data on preservation treatments
- Group road segments as Good Fair Poor
- Establish minimum condition for the Interstate



MAP-21

- Infrastructure Performance Measures
- Outreach and collaboration with AASHTO SCOPM and JTCP
- No common standards, procedures, or analysis tools
- Unanswered questions:
 - Lane miles vs centerline miles
 - 4 lane divided vs 12-14 lane no median
 - Where does VMT fit?
 - Composites - 6 lane divided 6 composites?
 - What about RSL -



MAP-21

- Questions:
 - Infrastructure Performance Measures
 - Calibration centers – FWD – Skid
 - Common analysis tools
 - Common standards
 - Drive / operator certification
 - NHS expanded – non-state owners
- Should FHWA do the annual measures?
- Role of HPMS reporting system



MAP-21

- Infrastructure Performance Measures
- DRAFT NPRM nearly complete
- Tentative publishing date late 2013
- 90 days for review and comment
- Final Rule late summer 2014



Thank You

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