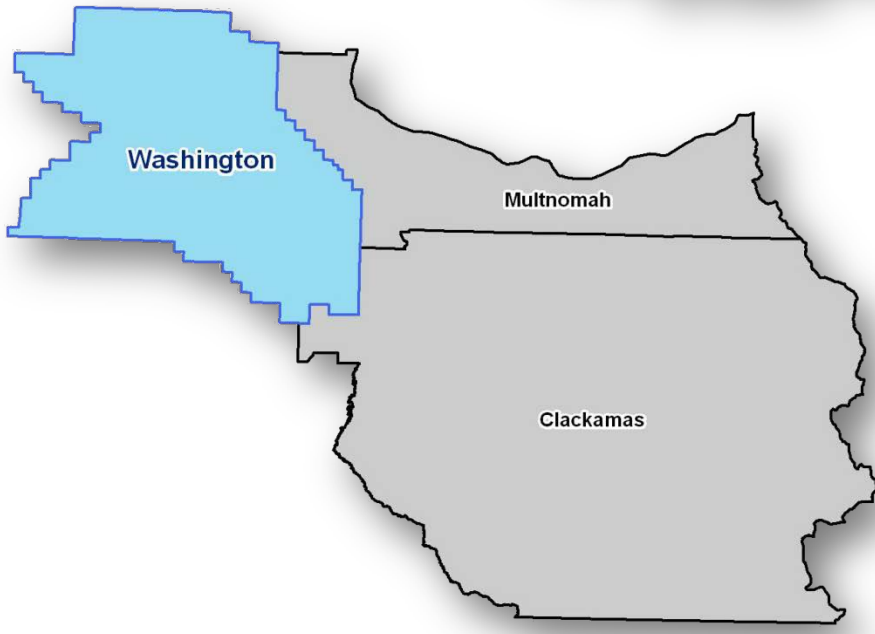
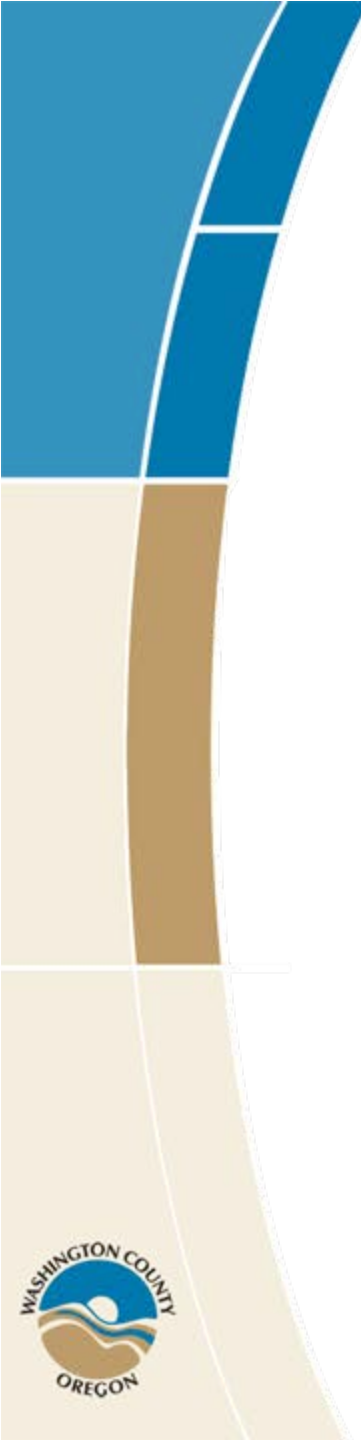


WASHINGTON COUNTY, OR



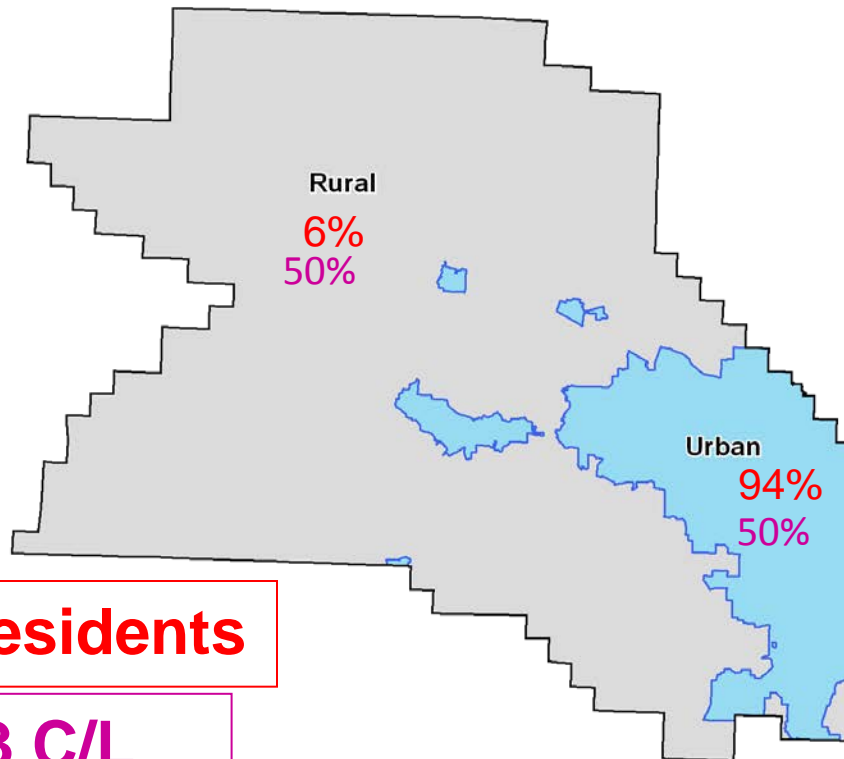
Gravel Road Assessment & Status Program
"GRASP"





Washington County

727 square miles



551,000 residents

**1,293 C/L
miles of road
includes**

**218 C/L miles of
gravel roads**

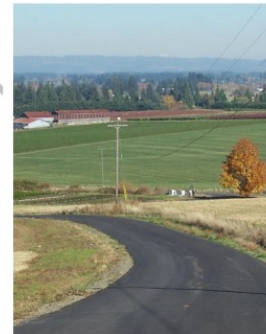
Asset Management



DRAFT



Target Service Levels For Transportation Assets



Prepared by:

Department of Land Use and Transportation
Operations and Maintenance Division

Adopted as R&O 15-_____

{DATE}

v01

DRAFT



Pavement Surface Evaluation and Rating

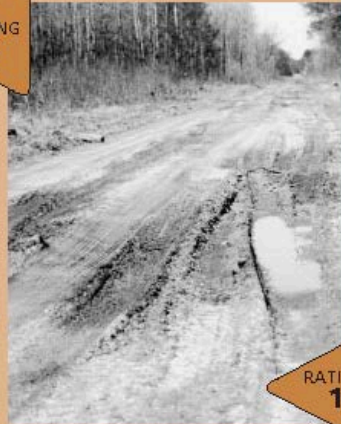
PASER Gravel Roads Manual



RATING
5



RATING
3

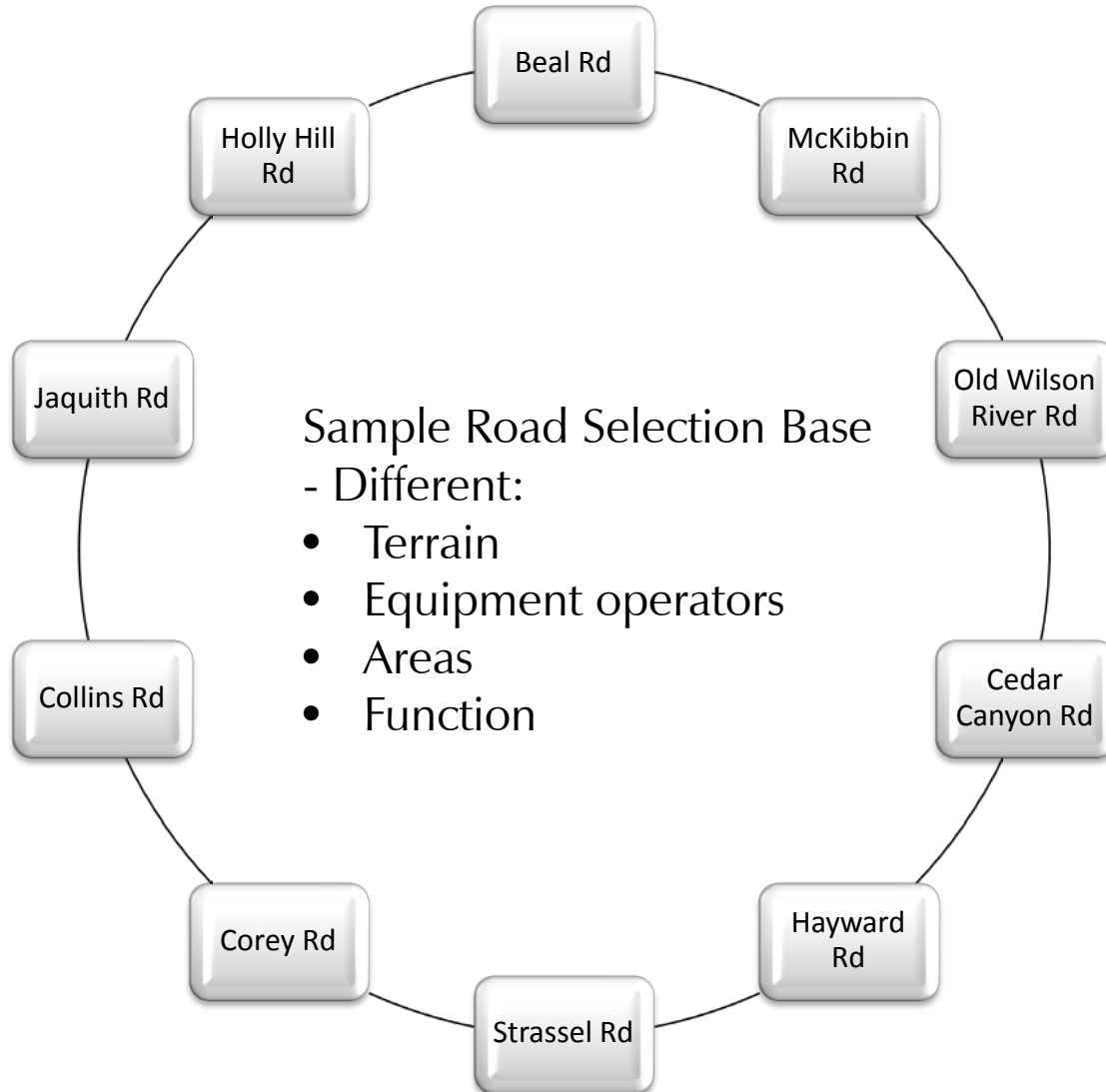


RATING
1

T Transportation
Information Center
University of Wisconsin-Madison



"Super 10"



Data Collection

- Data collected from vehicle (windshield inspection)
 - Speeds between 5-15 mph
- Examples of Distress to note:
 - Washboarding (amount and severity)
 - Potholes (amount and severity)
 - Crown
 - Rutting
 - Aggregate and “crust”
 - Dust levels (if dry)

Data Collection – Paper Form



WASHINGTON COUNTY
OREGON

GRAVEL ROAD RATING - ASSESSMENT REPORT

IRIS #: _____ ROAD NAME: _____ SECTION: _____ SECTION LENGTH: _____ WIDTH: _____

GRADER ZONE: _____ LAST GRADING: _____ DUST CONTROL MILEPOSTS: _____

Surface rating	Visible Features*	General Conditions/ Treatment Measures	Mileposts (From/To)	Cumulative Rating Length	Raw Score (length x rating)
5 (Excellent)	Continuous, uniform crown. Little or no loose aggregate. Slight washboarding.	Recently regraded. Good crown and drainage throughout. Adequate gravel for traffic. Routine grading and dust control may be needed.			
4 (Good)	Visible crown. Gravel layer mostly adequate but additional aggregate may be needed in some locations to correct distresses. Moderate washboarding (1/2"-1" deep) over 10% - 25% of the area. Moderate dust, partial obstruction of vision. No or slight rutting (less than 1" deep). An occasional small pothole (less than 2" deep).	Shows traffic effects. Some areas may need additional gravel.			
3 (Fair)	Little or no crown. (Some areas (approximately 25%) with little or no aggregate. Moderate to severe washboarding (over 1" deep) over 25% of area. Moderate rutting (1"-3"), over 10% - 25% of area. Moderate potholes (2"-4") over 10% - 25% of area.	Travel at speeds less than 25 mph may be necessary. Grading necessary. Needs additional aggregate.			
2 (Poor)	No roadway crown or road is bowl shaped with extensive ponding. Severe rutting (over 3" deep), over 25% of the area. Severe potholes (over 4" deep), over 25% of area. Many areas (over 25%) with little or no aggregate.	Travel may be difficult and road may be closed at times. Needs rehabilitation.			
1 (Failed)	Road is impassable. Possible causes include slope failure, slide, culvert washout, swift running water, extended periods of neglect or other phenomena.	Travel is not possible, road is closed. Needs extensive rebuilding.			
Note Areas of excessive washboarding, rutting, potholes, or other distress:				Total Length	Total Score
				Weighted Rating = "Total Score/Total Length":	

Additional Comments/Observations: _____

Technician _____ Date: _____



Data Entry - Electronic

Version Version 1.15885.27069

IRIS #: Road Name: Strassel Rd Section(s) 10 Section Length: 6.741 Width: 20

Grader Zone: 2 Last Grading Date: 11/2/2015 Dust Control Mileposts: 2.270-2.530

Rating	Cummulative Length	LawScore	Mile Posts	
5	0.289	1.445	From 1.213	To 1.502
4	5.433	21.732	From 0.000 0.342 1.502 3.296 5.424 6.088	To 0.300 1.213 2.955 5.114 5.762 6.741
3	1.019	3.057	From 0.300 2.955 5.114 5.762	To 0.342 3.296 5.424 6.088

Note Areas of excessive washboarding, rutting, potholes, or other distress:

Washington County, Oregon
 Department of Land Use & Transportation
 Operations and Maintenance Division
 1400 SW Walnut Street, MS 51
 Hillsboro, Oregon 97123-5625
 phone: 503-846-7623 fax: 503-846-7620

Weighted Rating **Total Length** **Total Score**

Technician: Brian Irish Date:

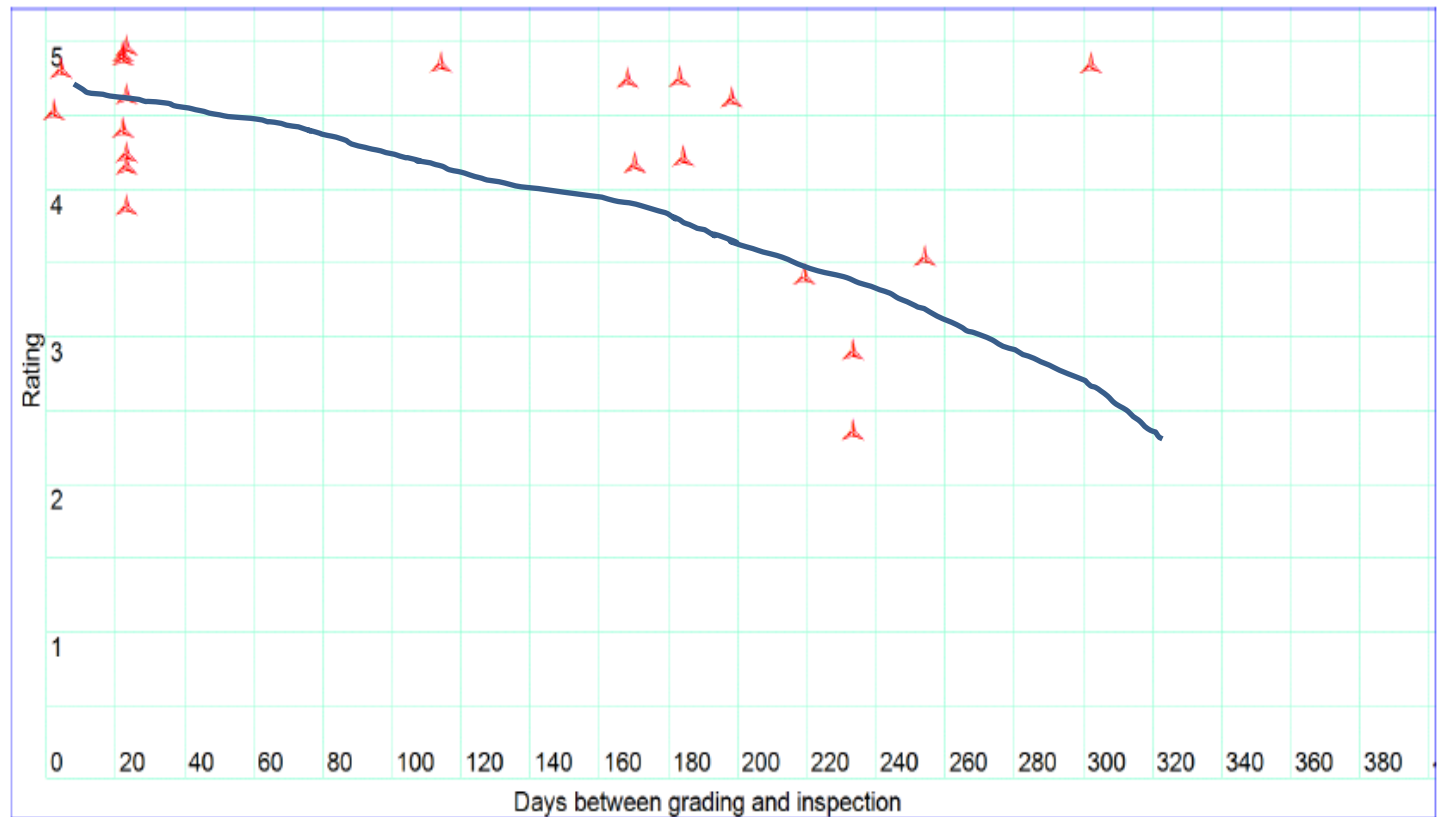
15 of 33 Type here to search and press enter



Analytics

Deterioration Over Time

From <any> To <any>



Questions

Brian Irish

Pavement Manager

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Todd Watkins, P.E.

Principal Engineer

503-846-7650

todd_watkins@co.washingto.or.us

