

RPUG 2012

OREGON DOT  
STATUS OF  
PROFILER CERTIFICATION  
PROGRAM & CONTRACT  
SPECIFICATIONS



*Oregon Department of Transportation*

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# Timeline

- 2010 - First IRI Specifications on Contracts by Contract Change Order
- 2011 – Interstate Smoothness Specifications IRI only
- 2012 - Goal - only IRI specification to be used for Smoothness on HMAC with a Schedule 1 & Schedule 2
- 2013 - Spec Revisions, Possibly Bonus Schedule 3 or % Improvement



# Profiler Certification Program

ODOT TM 769

- Modified Version of AASHTO R 56
- ICC SurPRO 3500 Reference Profiler
- Certification Site Left Wheelpath IRI ~70
- Certification Site Right Wheelpath IRI ~90
- ProVAL Profiler Certification Module

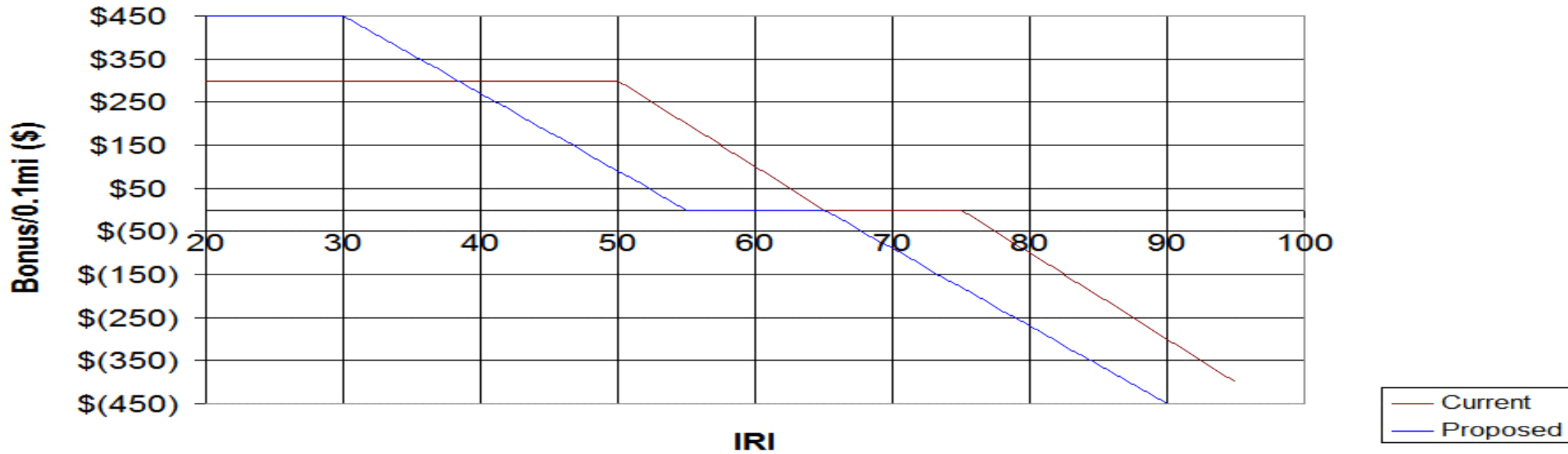
Certification Site – Frontage Road off of I-5

# DETERMINING THE INTERNATIONAL ROUGHNESS INDEX WITH AN INERTIAL LASER PROFILER - ODOT TM 772 & SPECIFICATIONS

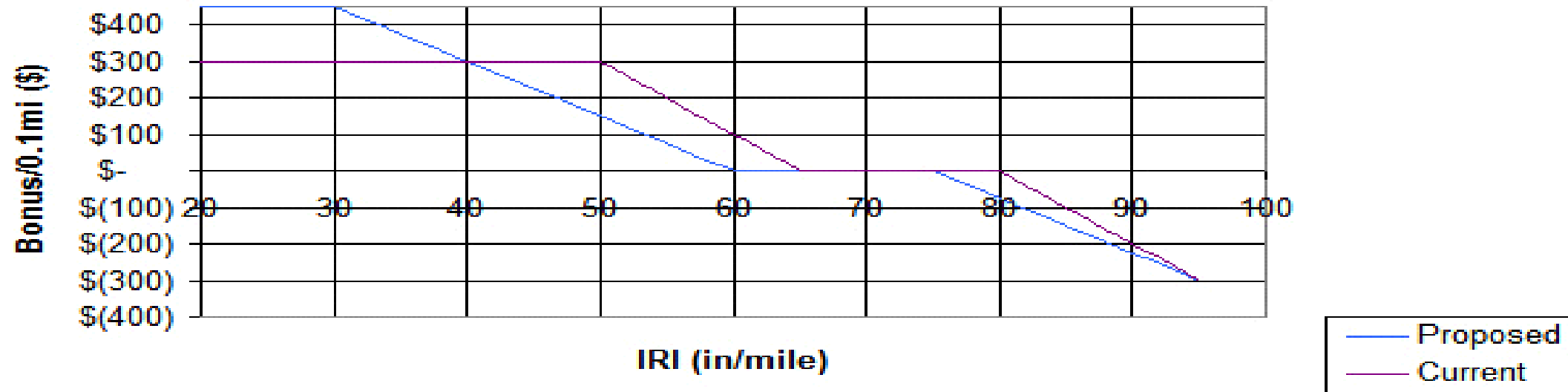
- Calibration Checks
- Auto-triggers Required – Start, Stop & Between excluded areas
- Measure Right and Left Wheelpaths – MRI for Incentive/Disincentive, Fixed Interval
- Localized Roughness Eval on each Wheelpath – 140 in/mile max – Locate Source with 12' Straightedge.



### Schedule 1



### Schedule 2



# Issues

## Certification

- Bounce Test
- Lasers Flipped
- No funds for Certification Site



# Issues

## Specs

- How to deal with Ramps & Auxiliary Lanes
- Remove and Replace Language
- Establishment of Incentive/Disincentive Scales

