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Calculating condition of pavement structure

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Master's Thesis
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ABSTRACT

In XX century, Pavement Management System has became obligatory to be used by road agencies. Need of serviceable road system demands the proper maintenance and rehabilitation plans and at that point, Pavement Performance Models step in. They are used to predict the future condition of pavement structure, basing mostly on road, climate and traffic data.

The following thesis describes the attempts to implement modern Pavement Performance Models in Norway. With their help, it would be possible to predict pavement's deterioration in better way and therefore, perform better plan maintenance and rehabilitation of the road systems.

First chapter of the thesis describes the theory of Pavement Management System. It explains what Pavement Management System is and what are its levels. Later in the chapter, some of the Pavement Performance Models are described. They were considered as potentially relevant for calibration to Norwegian conditions by NordFoU- the Scandinavian co-operation program. The work of NordFoU was also described here.

The historical data from Nasjonal Vegdatabank (NVDB) are described in the Chapter 3. Graphs show the rutting in all subsections on two roads- E6 and Fv 704 in Sør- Trøndelag, in Norway. E6 represents the roads with big traffic and Fv704- regional roads with small traffic. The methods of gathering road data by Statens Vegvesen are also described.

In Chapter 4, the equations for calculations are shown. All equations have been adopted from the papers published by NordFoU, which are based on the HDM-4 manuals. Some of the equations come from Swedish guidelines about back- calculating E- moduli of the pavement layers. This chapter also contains assumptions and values of the coefficients that were used in calculations within following thesis. Optimisation of calibration factors was done in Excel Solver. These calculations can be found in Appendixes 7, 8, 9 and 10.

The results of the calculations are shown in Chapter 5. The measured and calculated results are compared. The model of rutting has shown good correlation with reality. For E6, over 90 % of data were covered with the model. For Fv 704, the correlation was a bit worse, but still satisfactory. Value of coefficient of determination (R^2) was calculated to be 58 % using the roughness model. However, in order to get better value, it is possible to further calibrate the model by modifying length of the sections and by using a new measuring equipment (ViaPPS).

Chapter 6 includes the conclusion for the performed calibration and HDM-4 models. The correlation between the models and reality has been discussed. The use of studded tyres is observed to be the main contributor to deepening of the mean rut depth, other factors have negligible effect on rutting.

In the following thesis calibration of only two HDM-4 models was performed. The two models were rutting and roughness respectively. A good correlation was obtained, however it is recommended to work on roughness and climate models. The rest of the models in a program can be calibrated in the future, after gathering more detailed road data, such as edge- break and cracking.

ACKNOWLEDGEMENTS

I would like to thank all the people that helped and assisted me during the time that I was working on the thesis:

professor Inge Hoff from Department of Civil and Transport Engineering in Norwegian University of Science and Technology in Trondheim,

Rabbira Garba Saba from Statens Vegvesen Directory in Trondheim,

dr inż. Piotr Zieliński from Krakow University of Technology.

What is more I would like to thank the people that helped me with gathering all needed data:
Anne Lalague, PhD candidate in Norwegian University of Science and Technology,
Jan Erik Dahlhaug from Statens Vegvesen Region central, in Trondheim.

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1. BACKGROUND

Roads nowadays create more complex and complicated system than in the past. Faster and heavier vehicles appeared in the 20th century. That is why there is a need of sophisticated road system. The need for additional equipment such as changeable signs and safety barriers has appeared. The conditions for pavement construction have also became stricter in order to cope with bigger traffic.

The road system needs to be designed and built in a good way to manage especially heavy traffic, but that is not enough. It has to be maintained, and later rehabilitated in a good way too. Managing modern road system requires a wide range of tools. With years, progress in computerisation has helped to develop multiple programs to cope with that.

Modern pavements are supposed to have longer life cycle than it was earlier. It means that they should remain smooth and serviceable for longer. The goal of Pavement Management System (PMS) is to keep them in shape. The life cycle of a road extends with good maintenance. That is why road agencies put so much attention to prepare good plans for rehabilitating actions. They can be done years ahead, if PMS includes right deterioration models. With time, a lot of different deterioration models were developed. Nowadays they are based both on mechanistic performance and empirical studies performed in a lot of countries.

The purpose of following thesis is to calibrate HDM-4 deterioration models to Norwegian conditions. It will be done with use of historical road data from Nasjonal Vegdatabank- NVDB from Statens Vegvesen (Norwegian Public Roads Administration- NPRA). Out of HDM-4 models, two will be calibrated: rutting and roughness development. The thesis is based on earlier work of NordFoU. Within that project, models were calibrated to Swedish conditions.

2. THEORY OF PAVEMENT MANAGEMENT SYSTEMS

The concept of pavement management was developed by highway agencies. People working there had to manage road systems from the very beginning. It is natural that with time, they started to improve the process of decisions making, its efficiency. That is how pavement management system appeared. Its main goal is to improve decisions of highway agencies, provide feedbacks to the consequences of decisions and consistency of decisions made at different levels within the same organization (Haas, et al. 1994).

2.1. What is a Pavement Management System?

A Pavement Management System (PMS) is a necessary tool to appropriately manage a road system. It has been defined by AASHTO as a set of methods for road agencies that has as an aim to provide, evaluate and maintain road system in a serviceable condition over a period of time (Huang 2004). PMS indentifies the optimum maintenance strategies and helps to implement them. It concerns all activities involved in a process of providing good road system. These activities are e.g. initial information acquisition, planning, construction, maintenance, rehabilitation.

Management of the pavements could be divided in two levels: network level and project level. Network level is called a global one. Overall budget and planning issues are decided on this level. It is more about overall road network than a separate project. Implementing a project is done on project level. Decisions made on this level are less significant to whole network and concern more separate action on local area (Huang 2004). On both levels alternatives for construction, maintenance and rehabilitation are considered. Table 2-1 shows examples of activities on both levels.

Table 2-1: Basic operating levels of pavement management and major component activities.

Transportation, highway/ Street system management	
Network management level: – Sectioning, Data Acquisition (field data on roughness, surface distress, structural adequacy, surface friction, geometrics, etc., plus traffic, costs and other data) and Data Processing – Criteria for Minimum Acceptable Serviceability, Maximum Surface Distress, Minimum Structural Adequacy, etc. – Application of Deterioration Prediction Models – Determination of Now Needs and Future Needs; Evaluation of Options and Budget Requirements – Identification of Alternatives Development of Priority Programs and Schedule of Work (rehabilitation, maintenance, new construction)	Periodic updating of data; development and application of new methods and procedures
Project management level: – Subsectioning, Detailed Field/ Lab and Other Data on Scheduled Projects, Data Processing – Technical (Predicting Deterioration) and Economic Analysis of Within- Project Alternatives – Selection of Best Alternative; Detailed Quantities, Costs, Schedules – Implementation (construction, periodic maintenance)	

Source: (Haas, et al. 1994)

One of the most important part of PMS is road database about entire road net that is managed by a road agency. The road system should be divided into uniform sections. The data about each section should include its detailed geometry- widths, elevations, horizontal curvatures, number of lanes, on- site reports, materials used while constructing- preferably with some material characteristics. After the road is opened to traffic, traffic data such as AADT, percentage of heavy vehicles and their average weight, data on how many vehicles use studded tyres during winter time, accidents, etc. should be gathered. All types of rehabilitation/maintenance activities should also be recorded in the database. Climate data such as mean monthly precipitation, average temperatures of air and pavement should also be

part of the PMS. These types of data are needed for example for deterioration models. Actual road database is essential for systematic evaluation and effective management of the road net.

PMS uses computer software for all databases. These were improved within last couple of years. Most of the software used by road agencies contains three major parts. First one is of course database about road net. Second one is a data analysis package that is responsible for making recommendations about best resources allocation for future projects. It uses prioritization equation to evaluate the sequence for projects, starting with that one that should be scheduled as the first. Pavement performance models are used in this component to evaluate future pavement condition. The analysis can be performed for a single year or for future years. Feedback process is contained in the third step. Results are verified there with help of all people involved in the process. All feedbacks are considered to improve or calibrate PM system (Huang 2004).

In PMS, deterioration models are applied for predicting when in time an existing section will become deficient, so the road agency would have time to schedule all necessary works (Haas, et al. 1994).

2.2. Pavement Performance Models

In the past performance of all kind of constructions were evaluated empirically. If a building did not collapse, that meant that it was designed in a good way. With time, all experiences were shared and theory was build. That concerns also designing and building of roads. At the beginning of modern pavements' history, layer thicknesses were determined supposedly.

There are three types of models for pavement's work:

- empirical
- mechanistic- empirical
- subjective

Empirical models are usually applied at the network levels. The mechanistic-empirical models have not been generally applied in PMSs, but can be potentially applied at a network level. The subjective models are used mostly for investment planning at the network level (Busch, et al. 2010). They can be used for developing deterministic or probabilistic models, when no historical data are available[1].

[1] http://www.cee.mtu.edu/~balkire/CE5403/Lec16.pdf

Subchapters 2.2.1- 2.2.8 describe models that were examined within NordFoU project. They were perceived as potentially suitable for Norwegian condition.

2.2.1. Road System- RoSy

RoSy is one of the most widespread tools for pavement management. It is used in almost 20 countries all over the world by highway agencies for both highways and rural roads. It is very popular in Scandinavian countries, for example many Norwegian municipalities and whole Iceland use that software. It contains wide range of tools for planning within transport sector. Elements in the system are: RoSy Base, RoSy Plan, RoSy DIG, RoSy Design and RoSy GIS. RoSy Base is a database with all types of information about roads net. Most important part of RoSy system is RoSy Plan. It is able to calculate optimum maintenance requirements for a whole road system using dynamic deterioration models. It has two different ways of presenting results in economic terms; with use of NPV or IRR. Other modules are additional and are used for more specific activities. The deterioration models are inside RoSy PLAN. They are dynamic, empirical deterioration models[2].

Important part of using RoSy is adaptation for local conditions. Consultants from Carl Bro Pavement, company that released this software, made it possible to adjust system to local conditions. That includes local methods, materials, cost structures and road building traditions. Importing data from local road database is also possible to make working with the program easier. It is possible to use Microsoft Access databases.

2.2.2. PMS Objekt

PMS Objekt is a program used by Swedish administration for designing new roads and also for maintaining and rehabilitating of old ones. Inside the program there is a database of "standard pavements" that depend on a kind of subgrade material. User can modify specific bearing capacity of a section after choosing right subgrade type.

Deterioration models used in PMS Objekt are simple linear extrapolation of historical data. Program can calculate future and past traffic, and the future bearing capacity related to the traffic. Basing on subgrade type program calculates also pavement's ability to resist frost heave. As far as mechanics of a pavement is concerned, deformations, stresses and strains can be calculated. Additionally, more advanced calculations can be made, e.g. vertical

[2] RoSy leaflet

compressive strains in the sub-grade surface, back- calculated E-moduli for three layers. The program uses linear elastic model for calculating the strains in the pavement.

It is possible to perform calculations for different types of year's seasons. E-modulus of materials varies in different conditions, and this is used in the program to calculate for different seasons. An interesting thing in the program is a separate model for calculating frost heave. The model of frost propagation in a pavement is created. It just needs measurement of surface's temperature during winter (Busch, et al. 2010).

2.2.3. The vejman.dk PM- system

The Danish Road Directorate uses vejman.dk as Pavement Management System software. It is used for both planning and optimization of pavement maintenance. This system is quite new and is based on former systems VEJOPS and BELMAN, also by Danish Road Directorate.

The system consists of database of the road network, overview of its condition, economic optimization, and different types of analysis. All kinds of information on maintenance actions, and historical data from measurements are stored in the system. Based on these, the system can choose sections that will need rehabilitation. Then, with help of economic module, it can choose the best alternative maintenance strategy to meet the year's budget.

There are several models in the program, such as traffic model, roughness model, bearing capacity model, condition index, repair model and model for the residual life of the asphalt wearing course. Future traffic is calculated in a simple way with assumption of constant yearly increase in traffic. Roughness model predicts future roughness with use of climate and traffic loading data. It is assumed that no rehabilitation work is done during an analysis. Bearing capacity model calculates when new overlaying layer would be required. It simulates the wear of a section by reducing its residual life. Residual life, on the other hand, is calculated with use of data about road's condition, age, traffic loading, bearing capacity. Finally, repair model calculates the repair cost in a given year. It uses data about initial condition of a section (Busch, et al. 2010).

2.2.4. The Norwegian PM-system

The Norwegian Public Roads Administration is using a PMS since 1990s. It consists of road data bank, surveys of pavement condition, road inventory, life cycle analysis, cost statistics etc. (Haugødegård, et al. 1994)

Pavement deterioration in the system is expressed by development of rutting and roughness. The system does not use very sophisticated way to calculate future deterioration. Using e.g. roughness value just after renovation and roughness value in current year, system can calculate roughness in the future with use of following formula (Haugødegård, et al. 1994):

$$IRI_d = IRI_i + (IRI_1 - IRI_i) * \left(\frac{A_d}{A_1}\right)^{1.5}$$

where:

IRI_d – predicted roughness at a desired future date

IRI_i – roughness just after the latest renovation, overlaying

IRI_1 – latest recorded roughness

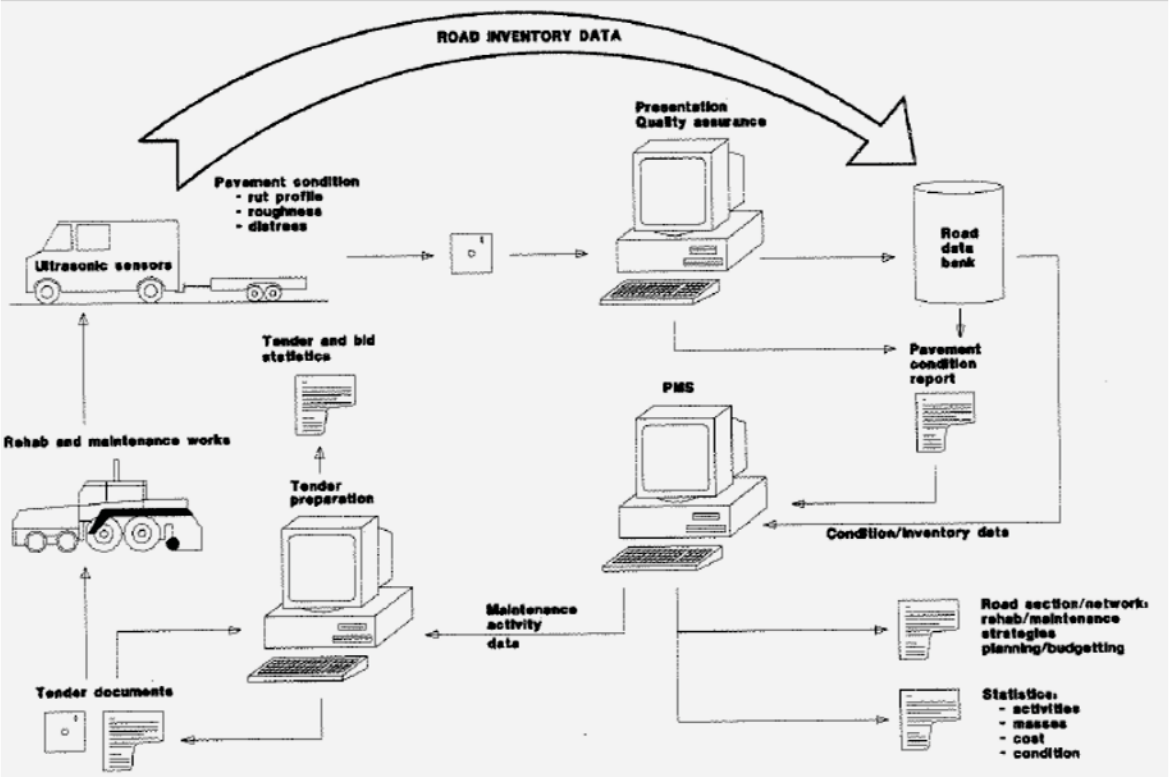
A_d – age of the pavement surface at the desired future date

A_1 – age of the pavement surface when the latest roughness recording was made

The development of roughness is supposed to be linear. What is more, rutting after 1 year is also assumed to follow straight line. Rutting is considered be caused mostly by the use of studded tyres in the winter. These data are used for scheduling maintenance work. If roughness or rutting will exceed the standard maximum value, renovation process would be scheduled for such section.

Overview of Norwegian PMS is shown on Figure 2-1. The most important part is of course gathering data and putting them into databases. Most of the processes are computerized. Many kinds of software are used to combine data, prepare schedules etc. Computerization was a necessary development for road agencies.

Figure 2-1: The NPRA pavement management system



Source: (Haugødegård, et al. 1994)

The linear extrapolation for future rutting and roughness have been used since 90-ties. However, there were some attempts made to modernize the approach. Around 2006 the tries to calibrate MEPDG to Norwegian conditions were undertaken[3]. Within NordFoU more attempts to get modern PMS have been made.

2.2.5. Highway Development Model 4- HDM-4

The history of Highway Development Model began in 1968, when World Bank started working on the first roads model. They commissioned Massachusetts Institute of Technology to prepare a road model with use of available information. In 1970-ies Highway Cost Model (HCM) was created. It was used for predicting the interactions between road work costs and vehicle operating costs (Kerall, et al. 2006).

Over time, many improvements were implemented into the models. The HDM-4 is a newer version of World Bank's Highway Design and Maintenance Standards model- HDM-III. This version was used for ca. 20 years in many road agencies all over the world. Newer

[3] http://www.nordfou.org/documents/pavement/Projekt%20no.%202010-3%20-%20Performance%20Prediction%20Models%20for%20Flexible%20Pavements.pdf

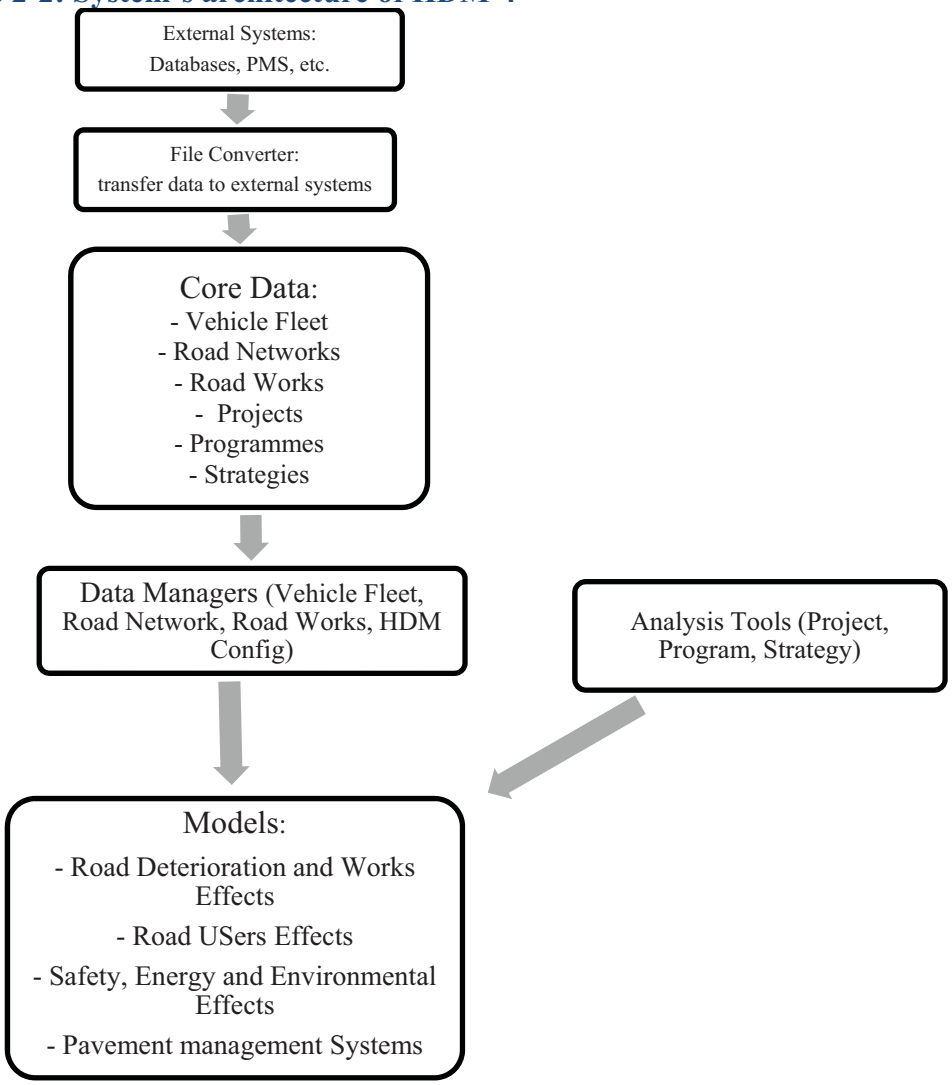
one was implemented after 6 years of studies performed by International Study of Highway Development and Management (ISOHDM). The main goal was to widen the scope of HDM-III model and to make software more user- friendly (Kerall, et al. 2006).

Some models form HDM -4 were selected and calibrated to Nordic conditions in the NordFoU project.

HDM-4 is used both on project and network level. It is very flexible due to multiple calibration factors, so it can be used all over the world. It has both economic and technical module. Models within economic module are used e.g. to optimise benefits to road users. They are used as the road investment analysis tool. Costs that are taken into account are: vehicle operation costs, costs of travel time and costs of accidents (Kerall, et al. 2006). Technical module is used for predicting deteriorating, but it refers again to economic module which uses these data for scheduling maintenance works and costs.

Figure 2-2 shows structure of the program. There are four main data managers: Vehicle Fleet, Road Network, Road Works and HDM Configuration. These data are used by analysis tools for strategy, programming and projecting.

Figure 2-2: System's architecture of HDM-4



Source: (Kerall, et al. 2006)

Calculations with use of HDM-4 need very good road database. Input parameters used in the program are very detailed, see Table 2-2.

Table 2-2: Input data for HDM-4

Traffic	Flow distribution data
	Capacities: nominal, free- flow, ultimate
	Jam speed at capacity
	Accident class
	Ride quality
	Characteristics of standard vehicles
Climate	Moisture classification
	Duration of dry season
	Mean monthly precipitation- MMP
	Temperature classification
	Mean temperature

	Average temperature range
	Days with T> 32^{o}
	Freeze index
	Percentage of time driven on snow covered roads, on water covered roads
Geometry	Number of lanes
	Geometry class- to choose in program
	Rise and falls
	Horizontal curvature
	Super elevation
Structure	Compaction quality (Poor, fair, good)
	Structural adequacy (Poor, fair, good)
	Road network aggregate parameters
	Layer thicknesses and materials used
	Most recent surfacing thickness
Another	Road class
	Surface conditions
	Surface Texture
	Speed limit
	Distress Mode, all damages for existing roads
	Year of construction, resurfacing, rehabilitation

HDM-4 calculates future roughness of a road based on multiple road deterioration. It uses data for predicting cracking- initiation, wide cracking, progression of cracking, transverse thermal cracking, total area of cracking, ravelling- initiation and progression, potholing- initiation and progression, edge-break, damaged and undamaged surface area, rutting due to initial densification, structural deformation, plastic deformation and surface wear.

Within HDM-4 there is also a possibility to include local maintenance standards, such as a number of maintenance works, how much they cost, what are their effects and criteria for applying them (Busch, et al. 2010). Example for such criteria can be: percentage of damaged road surface that is demanded for commissioning resurfacing or keeping IRI on the same level by subcontracting small rehabilitation works.

Assumptions of the HDM-4 models:

- The Structural Number of the pavement can be calculated either by using pavement structure characteristic and strength or using deflection and the thickness of the surfacing layer
- There is no maintenance during the analysis period
- There are no existing potholes on the pavement
- There is only one vehicle type on the road

  The length of the studied section is 1 km

2.2.6. Mechanistic- Empirical Design of New and Rehabilitated Pavement Structures

Mechanistic- Empirical Design of New and Rehabilitated Pavement Structures is a newer version of Mechanistic- Empirical Pavement Design Guide (MEPDG). It is an approach that combines both mechanistic and empirical aspects of pavement design. Mechanistic component determines response of a pavement to a loading with use of mathematical models. The empirical component predicts pavement performance (Gulden 2008).

Input parameters include traffic, climate and structure. First step of analysis is selection of trial design. In the second step, structural response is investigated- critical stresses and deflections are calculated. Then, Performance Prediction Distress Models are used. In this process failure criteria are reviewed. Design process can be an iteration. If design requirements are not fulfilled, the whole process is repeated (Gulden 2008), (Busch, et al. 2010).

Researchers in NordFoU project claimed that MEPDG can be successfully calibrated to Nordic conditions. However, it would be a heavy process, due to big amount of input parameters. It was also assessed that rutting model in MEPDG is not giving accurate results for deformation of the unbound materials (Busch, et al. 2010).

2.2.7. MnPAVE

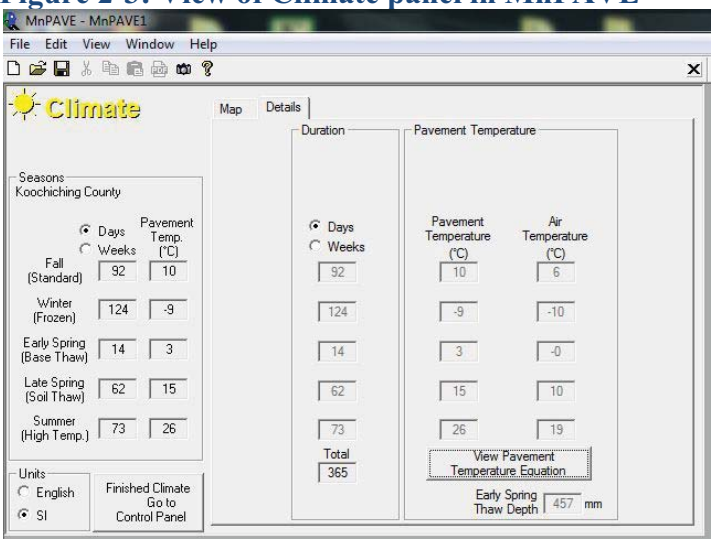
MnPAVE is a tool that is developed for the needs of the state of Minnesota in United States. Due to its inland location in northern part of USA, temperatures can be very low in Minnesota. That is why there was a need to develop PPM that would fit these specific conditions.

There are three input modules in the program: Climate (Figure 2-3), Structure (Figure 2-4) and Traffic (Figure 2-5). On that basis, program can calculate e.g. tensile strain at the bottom of the asphalt layer, the compressive strain in the subgrade and the maximum stress in the middle of the aggregate base layer[4].

[4] MnPAVE User's Guide, www.dot.state.mn.us/app/mnpave/

MnPAVE is easily accessible from the website of Minnesota Road Agency. From first sight, one could see that it is really user friendly. Climate data are already in the program, and after choosing a place where a project would be taken, data are shown in the Climate panel. However, they can be changed.

Figure 2-3: View of Climate panel in MnPAVE



The system requires quite detailed data about climate. User can set an amount of days with low or high temperatures. Average temperatures of pavement and air should be also set.

Figure 2-4: View of Structure panel in MnPAVE

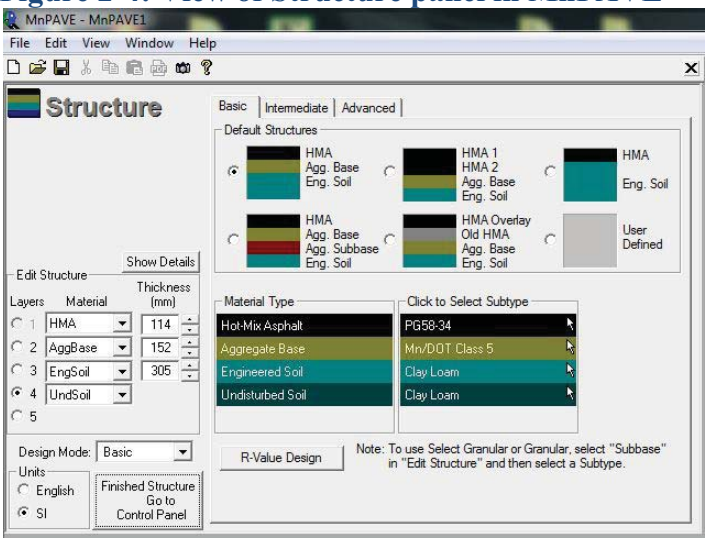
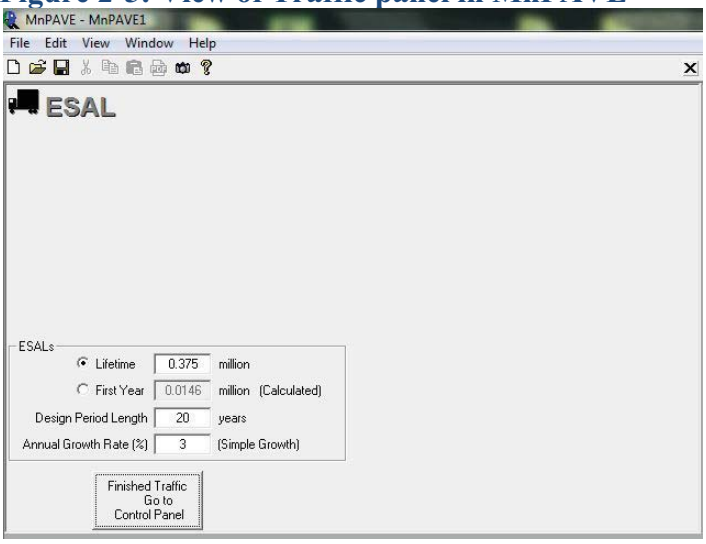


Figure 2-4 shows the structure panel in the program. It is possible to choose from default combinations of layers and just change a thickness of a single layer. User can also define a new type of pavement's construction. It is also possible to choose a pavement's structure with an overlaying layer. Layers in this case are: HMA Overlay, Old HMA, Aggregate Base and Soil.

Figure 2-5: View of Traffic panel in MnPAVE



There are also three design levels: Basic, Intermediate and Advanced, depending on the amount of information that the user has. You can choose that in Structure panel- see bottom part in Figure 2-4. At the basic level only general data on materials and traffic are required. The advanced level requires more detailed material data- modulus values for the expected moisture and temperature[5].

The program does not only focus on mechanistic of the pavement structure. MnPAVE has also as the output the expected life of the pavement, the damage factor that is based on Minor's Hypothesis and also the reliability (in newer versions). However, deterioration models are not that important part of the program as in above mentioned examples.

Allowed load repetitions for fatigue:

$$N_F = C \cdot K_{F1} \cdot \varepsilon_h^{K_{F2}} \cdot E^{K_{F3}}$$

Where:

C- correction factor, can be constant or calculated

K_{F1}, K_{F2}, K_{F3} – equation factors

ε_h – horizontal tensile strain at bottom of HMA

E – HMA dynamic modulus

Allowed load repetitions for rutting:

$$N_R = K_{R1} \cdot \varepsilon_h^{K_{R2}}$$

Where:

K_{R1}, K_{R2} – equation factors

[5] MnPAVE User's Guide

ε_h – vertical compressive strain at top of subgrade

NordFoU project group investigated the MnPAVE model because of the similarity of the Nordic climate to that of Minnesota. It could be implemented directly if material properties and climate data would be accepted as similar to Nordic ones (Busch, et al. 2010).

2.2.8. COST 354 Action

COST 354 Action has as a main goal identification of performance indicators and indexes for the pavements taking into account the needs of both road users and road operators in Europe. It is believed that such uniform indexes are the key to future planning of road systems in Europe. It should permit road administrations, agencies to compare roads in whole continent for both road users and operators of the roads[6].

The program is not typical PPM. However, it was considered in the NordFoU project because it provides Performance Indices (PI). These indices describe the technical characteristic of the pavement such as: longitudinal evenness, transverse evenness, macro-texture, friction, bearing capacity, noise, cracking, surface defects.

2.3.Summary of Pavement Performance Models

There is a wide range of Pavement Performance Models. Those described in preceding sections can be divided in two groups. The first group are actual PPMs, that have deterioration models. In this group there are:

- RoSy
- PMS Objekt
- The Norwegian PM- system
- HDM-4
- MnPAVE

In the second group there are different type of tools that are used by road agencies. It is e.g. COST 354 Action. It is interesting for agencies for its Performance Indices.

All described PPMs have different types of models for pavement's deteriorating or economic optimisation of road projects, see Table 2-3.

[6] http://cost354.zag.si/index.php?id=18

Table 2-3: Comparison of models used in different PPMs

PPM	Type of deterioration model used
Road System- RoSy	dynamic deterioration models, empirical
PMS Objekt	linear extrapolation of historical data as deterioration models
The vejman.dk PM-system	predicts IRI as a function of pavement's age, bearing capacity as a function of residual life
The Norwegian PM- system	linear extrapolation of historical data as deterioration models
Highway Development Model 4- HDM-4	empirical models for predicting IRI, rutting etc.
Mechanistic- Empirical Design of New and Rehabilitated Pavement Structures	pavement's response is calculated, models calibrated with observed performance of a pavement for predicting future condition of a pavement
MnPAVE	basing on traffic data, program calculates the allowed number of load repetition in order to estimate the predicted pavement's life; it calculates also allowed load repetition for rutting

2.4. Work of NordFoU

NordFoU was established in 2004 as a cooperation between Nordic countries- Norway, Sweden, Denmark, Finland and Iceland. Its aim was to coordinate research and development in the road sector. Under this cooperation program a project called NordFoU-Pavement Performance Models (NordFoU- PPM) was conducted.

The main goals of that project were:

- adopt existing deterioration models to Nordic conditions and implement the best model in each Nordic country
- use data from each country's road database, use equipment mostly used in each country to get best possible model for each case
- stimulate the development of road modelling in each country
- spread knowledge and results from one country to another in order to get the best system to predict road condition and to develop the best maintenance strategies in all participating countries

The project aimed at developing the best possible models to use in each Nordic country. This was to optimize maintenance and operation strategies in the road sector. Due to

that, the amount of money spent each year for maintenance of the roads, should diminish (Huvstig 2010).

In each country a calibration process would be performed to find out which are the best calibration factors for each country. The calibration can be different even within one country, as e.g. Norway and Sweden have more than one type of climate, so results can vary. Calibration factors can be different for different classes of roads e.g. for a highway in Oslo and a regional road nearby Tromsø.

3. DATA COLLECTION AND ANALYSIS

In this chapter I will describe data from Nasjonal Veg Databank- NVDB and how Norwegian Public Road Administration- NPRA (Statens Vegvesen) obtain these data. I would also describe sections used in calculations.

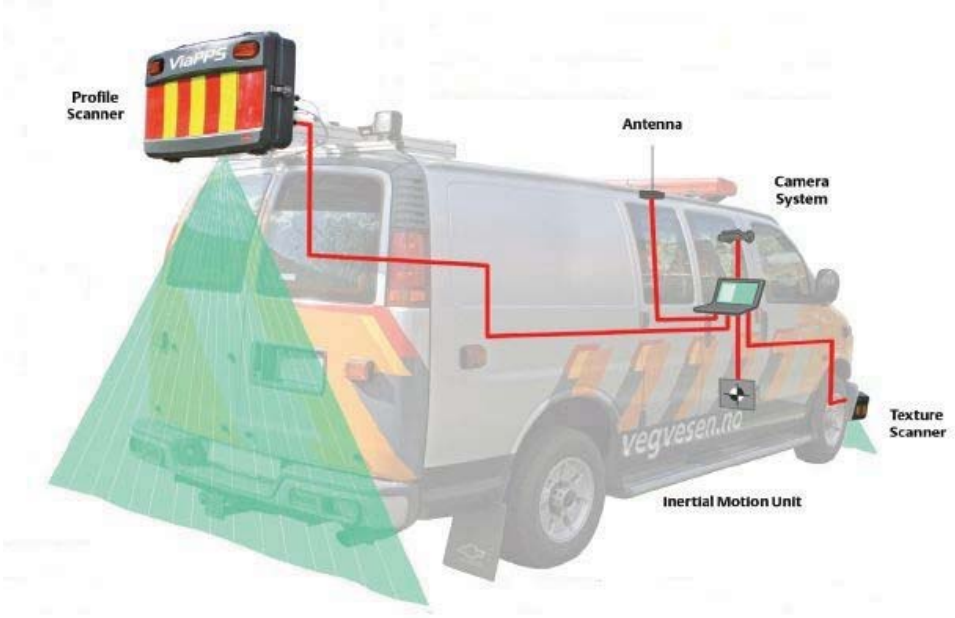
3.1.Data from NVDB

Local authorities in Norway conduct condition measurements for road using laser profilometer. Earlier, ultrasonic devices were used for such measurements. The devices can measure rut depth, cross fall and road roughness at the same time. Earlier, the standard equipment of NPRA was a measuring unit called ALFRED. It had a 4 m long beam with 17 ultrasonic sensors (Haugødegård, et al. 1994). It was used in Norway from 1987 to 2008. After 2006 work started to introduce new measuring equipment, with use of modern technology. This resulted in the development of ViaPPS (a laser profile scanner).

ViaPPS is the modern road profile scanner that has been introduced to NPRA in 2008. It measures cross profile, roughness expressed by IRI, and texture. It can detect road marking and pavement's edge. There were also some attempts to detect cracking with use of this equipment. The measurements with use of ViaPPS can be also done with higher speed, which cause less trouble to road users. ViaPPS system generates 3D picture of a road. It measures pavement's profile in 580 points, 140 times per second. It uses laser scanner technology. Figure 3-1 shows subsystems of ViaPPS. In the front of the car, texture scanner is located. The profile scanner is installed at the back. The width of the scanner area is determined by the location of the profile scanner. For typical elevation of 2 m, scanner is able to measure 4 m of the pavement[7].

[7] ViaPPS leaflet, www.viatech.no

Figure 3-1: ViaPPS subsystems



Source: ViaPPS leaflet, www.viatech.no

Figure 3-2: The way of marking lanes' numbers in NVDB

lane no. 4	lanes in the direction of descending mileage
lane no. 2	
lane no. 1	lanes in the direction of ascending mileage
lane no. 3	

Figure 3-2 shows the way of attributing a number to a lane, that is used in NVDB. In calculations for European road E6, I am using data for lane 1 and 2. Data for lanes 3 and 4 are not complete. In case of regional road Fv 704, there are just 2 lanes, for 1 in each direction.

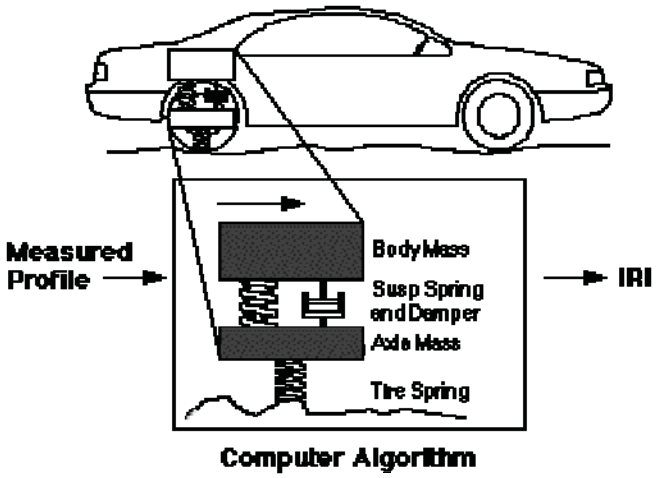
The data that are accessible in NVDB are roughness- IRI and mean rut depth.

3.1.1. Roughness

Bad condition of longitudinal evenness on a road can cause low ride comfort that affects road users. Big unevenness causes intensive trembling of a vehicle, which can lead to faster degradation of the vehicle, because of bigger dynamic interaction of wheels. That is why poor evenness conditions lead to not only poor ride comfort, but also higher costs for vehicles' renovation. Higher costs of roads' rehabilitation due to quicker degradation of the durability of pavement's construction are another cause (Piłat and Radziszewski 2010). Uneven surface causes also road noise.

Roughness is expressed by International Roughness Index- IRI. It was developed to provide a common quantitative basis to compare the different measures of roughness. It was developed during the International Road Roughness Experiment in 1982 in Brazil. The experiment was sponsored by the World Bank. The IRI is expressed by the ratio of the accumulated suspension motion to the travel distance. That is why its unit is m/km or mm/km (Huang 2004). The IRI value has constant profile. The IRI characterises how car's suspension works in the set conventional model of a car that travels with the speed of 80 km/h. The differential equations and theoretical road's profile are used. The bigger IRI is, the worse condition of a road (Piłat and Radziszewski 2010). Figure 3-3 shows the model of a theoretical car used in calculations of IRI.

Figure 3-3: The model of a theoretical car



Source: www.graniterock.com/technical_notes/paving_the_way_for_smoother_roads.html

3.1.2. Rutting

Rutting is the most important trigger for rehabilitation and maintenance of road systems. It is costly for both drivers and road owners. There are several reasons for rutting on roads. Among the main causes are wear from studded tyres, stone loss, compaction and shear deformation (Huvstig 2010). To diminish rutting due to wear from studded tyres, some research investigating use of smaller, lighter studs were conducted. Nowadays, older studded tyres are not used. Change in stone loss is observable after couples of years after construction of the road. Asphalt is getting older and gravel inside is more easily getting torn out then.

Rutting is dangerous because of several reasons. First of all, there is an instability while changing a lane, e.g. during overtaking. It is dangerous for a car, because of the loss of

tyre's stability. It is also uncomfortable for a passenger car to drive in a wheel path made usually by heavy vehicles with wider wheel- base. Second reason why rutting is unwanted, is that water stays in a rut. It can be a cause of an accident, due to e.g. aquaplaning. That phenomenon can be very dangerous for road users (Piłat and Radziszewski 2010). What is more, rutting makes winter maintenance more difficult. For example, while plowing, it is not possible to wipe out snow from wheel track.

Rutting is measured with use of laser road scanner that gives a cross profile of a road. It measures deviation from theoretical road's profile.

3.1.3. The possible inaccuracies and assumptions made

There were some assumptions made while working with NVDB data. First of all, data from NVDB were for sections of 20 m. I have decided to use sections of 100 m. I took the average out of 4-5 measurements to obtain that.

Second of all, deflection measurements were performed for points 50 m from each other. I took an average from 2-3 measurements to get the average deflection for each section.

Another inaccuracy in calculations may be due to varying wheel- path of measuring equipment during the yearly measurement runs. It is impossible to drive exactly the same path every time, also because deepening rut depth makes it impossible to maintain the same route.

Another reason for inaccuracies in measurements can be due to different measuring equipment. In years from 2005 to 2008 measurements were performed with use of older type of equipment and after 2008 all measurements were done with more modern ones, with greater accuracy.

3.2. European road- E6

European road E6 is one of the most important roads in Norway. It starts in the southern Sweden and ends in the north, near Norwegian- Russian border.

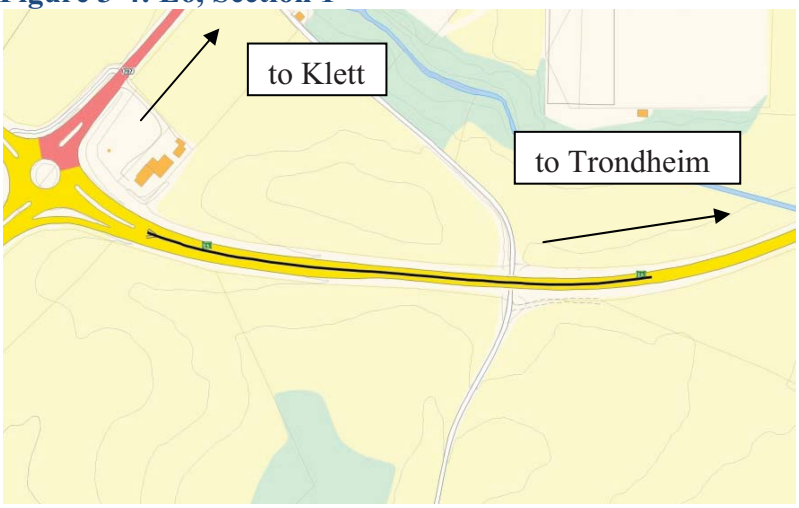
There was 6,45 km of E6 investigated. I have divided this into three sections, according to Hp number:

- Section 1- Hp 8 m 10 000 – 10 400,
- Section 2- Hp 9 m 0 – 3 250,
- Section 3- Hp 10 m 0 – 2 800.

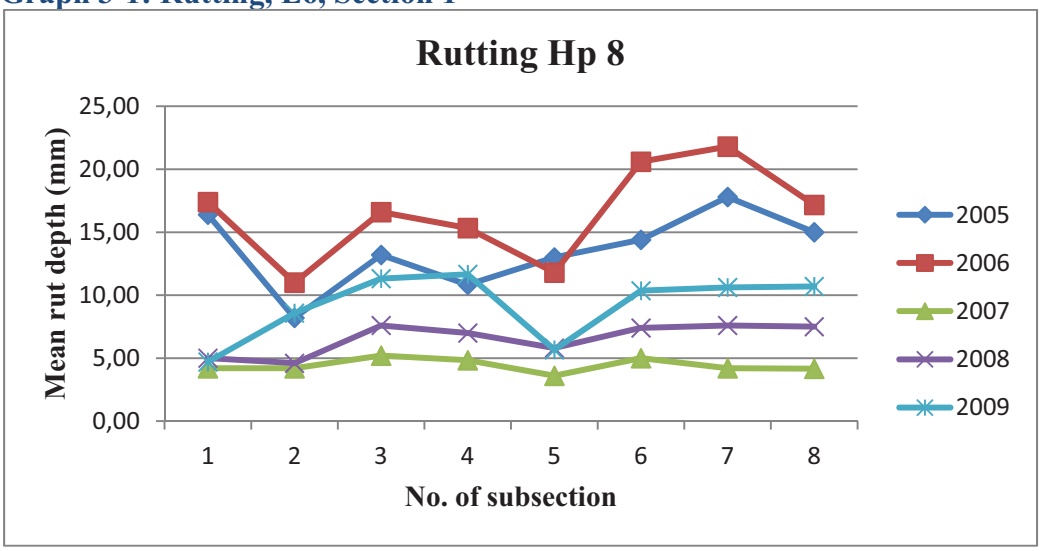
3.2.1. Section 1- Hp 8 m 10 000- 10 400

Section 1 on E6 is located in Sør- Trøndelag, about 10 kilometres south of Trondheim. It starts with roundabout at Klett and is 400 m long. Figure 3-4 shows whole section. First four subsections are in the lane no. 1, in the direction from Klett to Trondheim. Another four are in the lane no. 2, in the opposite direction.

Figure 3-4: E6, Section 1



Graph 3-1: Rutting, E6, Section 1



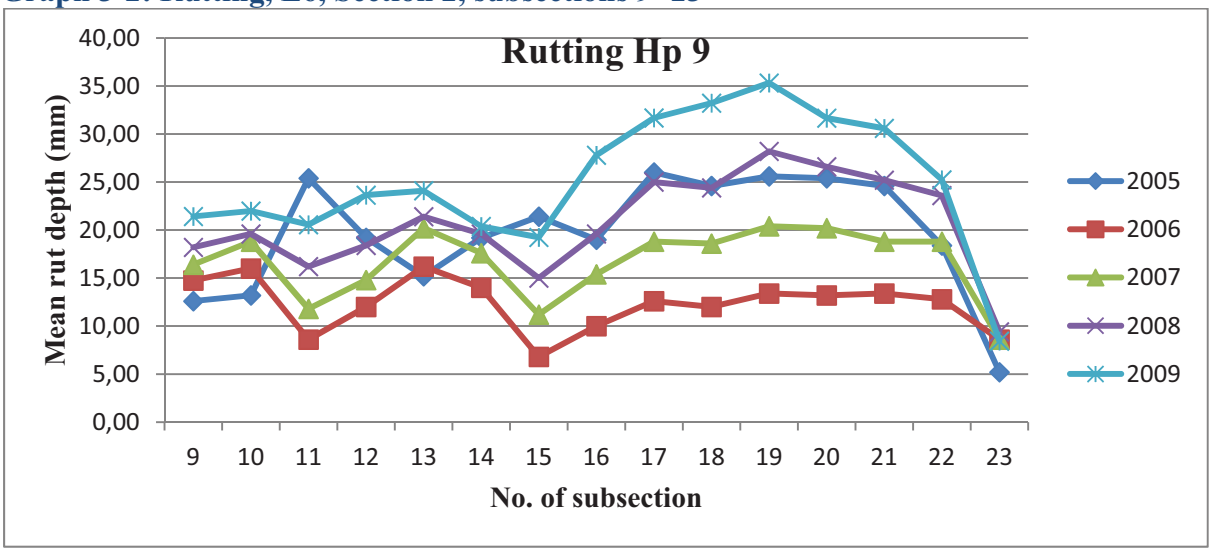
Graph 3-1 shows progression of rutting on Section 1. There were maintenance works on the whole section, between 2006 and 2007. In this year there is minimal rutting on all subsections. In 2005 and 2006 there were changes of almost 10 mm between neighbouring subsections. They were all equalized after overlaying.

3.2.2. Section 2- Hp 9 m 0 - 3250

Section 2 on E6 is the extension of section 1. It ends near Sandmoen in Trondheim. It has 3,25 km, it is the longest among selected sections on E6. Figure 3-5 shows whole section. There is a big half clover junction on its way and several minor engineering objects.

Figure 3-5: E6, Section 2

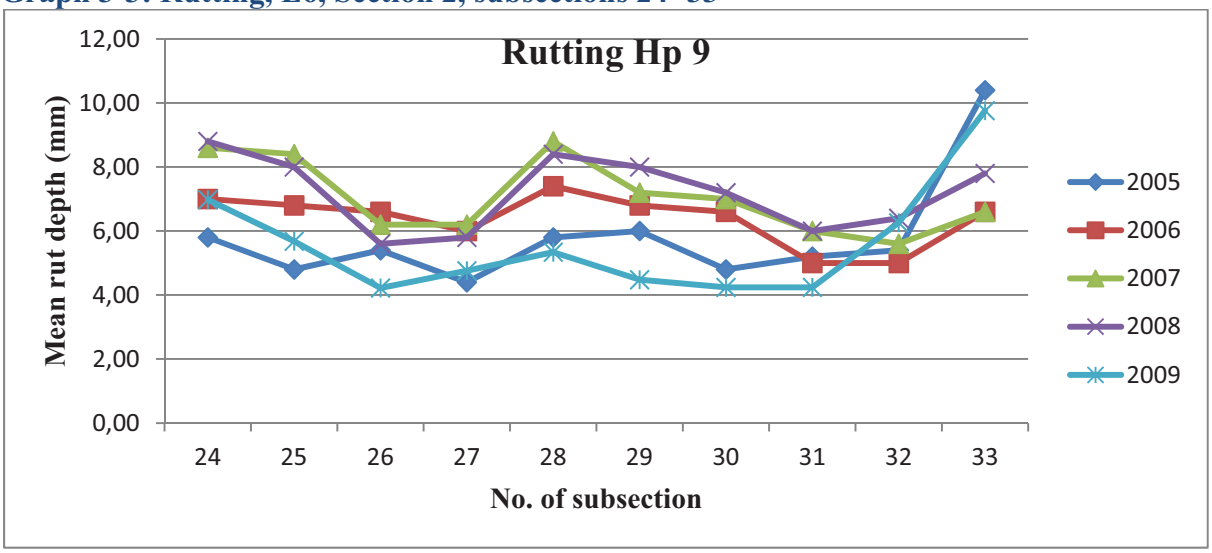
Graph 3-2: Rutting, E6, Section 2, subsections 9- 23



Graph 3-2 shows rutting on first subsections within Section 2. Maximal mean rut depth goes up to 35 mm, and minimal goes to 5 mm. From the graph, we can say that there were some maintenance works on the section. Subsections 11 and 12 were overlaid between

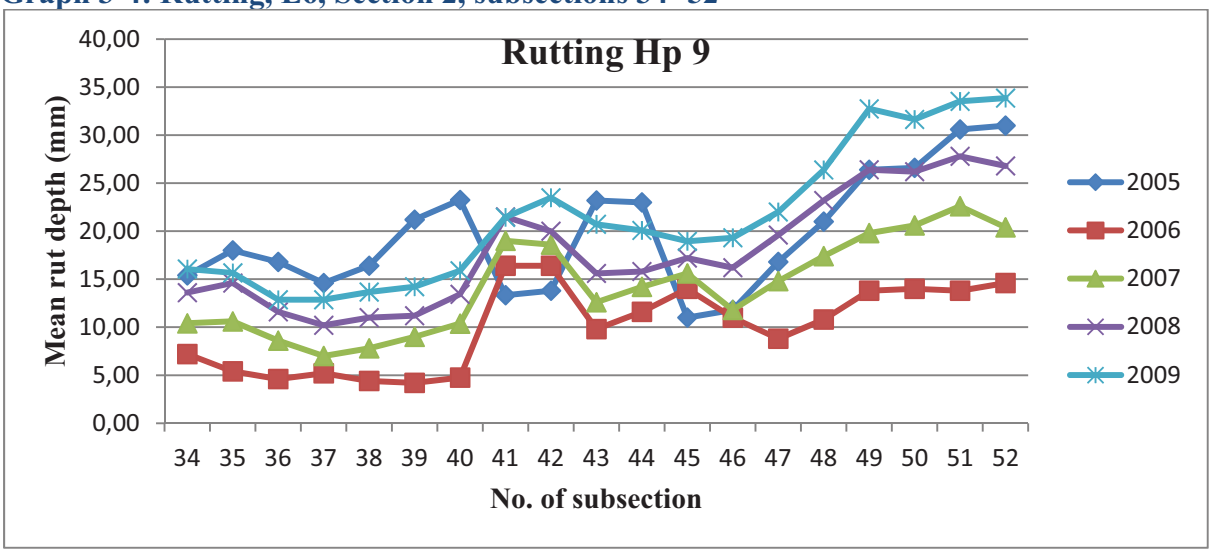
2005 and 2006. In the same year we can see decrease in rut depth in subsections from 14 to 22. Overlaying is assumed.

Graph 3-3: Rutting, E6, Section 2, subsections 24- 33



Graph 3-3 shows next subsections within Section 2. Subsections 24- 33 are very even. All values of mean rut depth oscillate near 7 mm. It can be like this because of a bridge on the road. Small improvements to rutting were observed between 2008 and 2009 in case of subsections 24- 31. Generally, rutting in this part of Section 2 do not surpass 11 mm in all analysis years, which is very good. The road's construction is very strong here.

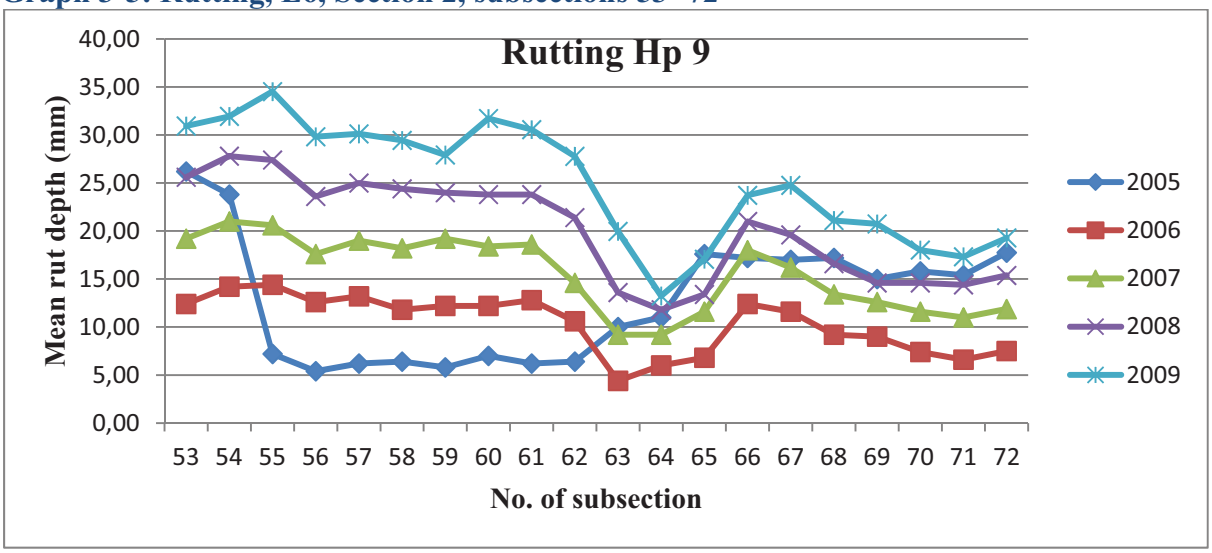
Graph 3-4: Rutting, E6, Section 2, subsections 34- 52



Graph 3-4 shows rutting on subsections 34- 52. All values are between 4 and 34 mm. There were maintenance works between 2005 and 2006 on subsections 34- 40, 43-44 and 47-52. This part of Section 2 can be divided into two parts. First subsections are in better

condition than following ones. It can be caused by a stronger construction in the first subsections.

Graph 3-5: Rutting, E6, Section 2, subsections 53- 72

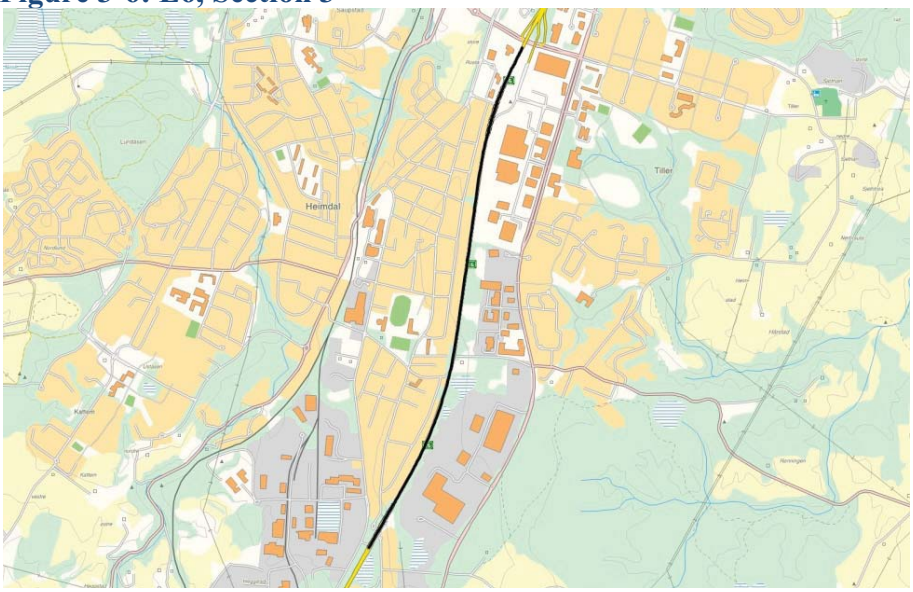


Graph 3-5 shows progression of rutting in the end of Section 2. That includes subsections from 53 to 72. Decrease of rutting can be seen in subsections 53, 54, 63- 72, between 2005 and 2006. We can observe significantly lower rutting in all years in subsections 63- 65. That can be due to some engineering object, such as a fly- over or a bridge. The higher value of mean rut depth is 35 mm and the lowest- 4 mm. Generally, this part of Section 2 has been in a good shape through all analysis years.

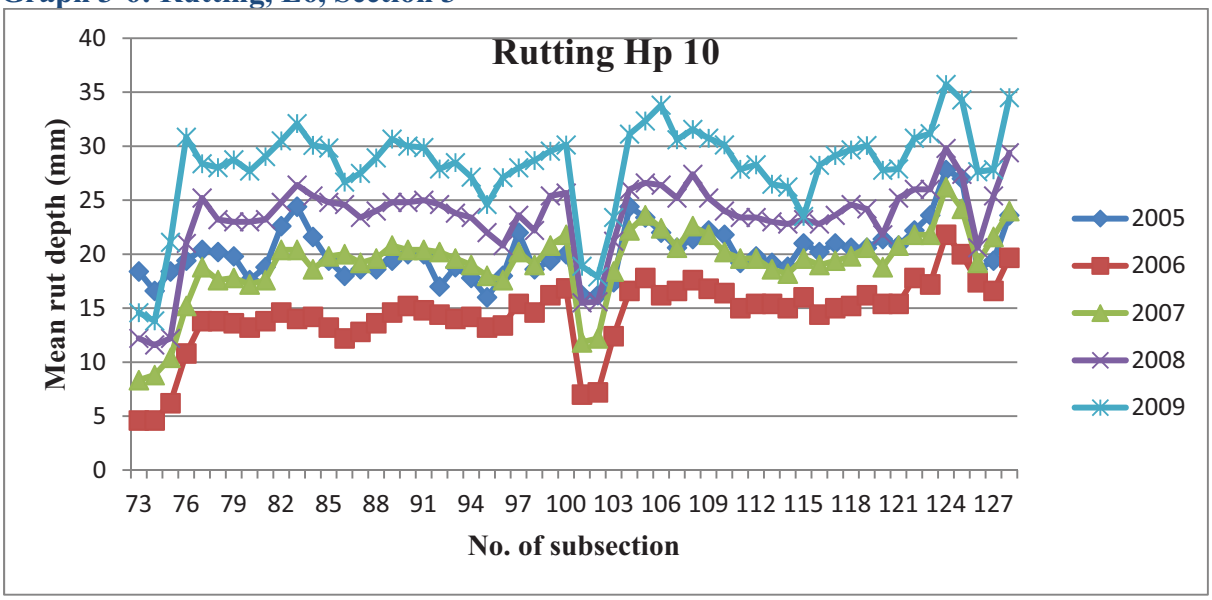
3.2.3. Section 3- Hp 10 m 0- 2800

Section 3 on E6 follows Section 2. It reaches Tonstad in Trondheim and ends near junction E6- Jon Aaes vegen. It is 2,8 km long.

Figure 3-6: E6, Section 3



Graph 3-6: Rutting, E6, Section 3



Graph 3-6 shows rutting in Section 3. Based on the data, we can see that there was maintenance work between 2005 and 2006. There is much lower rutting in subsections 101 and 102. In comparison, in 2005 there was rutting around 15 mm in whole section, but on subsections 102 and 103, it was almost two times lower. Most probably it is caused by an intersection, a fly-over or a bridge. There are almost no big changes between neighbouring subsections. It means that road was very neatly done, without impacts of local conditions. There were probably no potholes in the section.

3.2.4. Conclusions from above subchapters

From subchapters 3.2.1, 3.2.2, 3.2.3 we can conclude, that maintenance was performed as shown in Table 3-1.

Table 3-1: Performed renovation on E6- Sections from 1 to 3

Subsection	First year after renovation	Graph's number
1- 9	2007	Graph 3-1
11- 12, 14- 22	2006	Graph 3-2
24- 31	2009	Graph 3-3
34- 40, 43- 44, 47- 52	2006	Graph 3-4
53- 54, 63- 72	2006	Graph 3-5
73- 128	2006	Graph 3-6

These data are needed for determination of pavement construction's age, see Chapter 4. The deterioration of the section varies quite a lot from subsection to subsection. The sections are not uniform lengthwise. That is why it is very challenging to plan maintenance of such road. It has to be done partially from one year to another. However, it can cause the differences to grow even more.

All sections on E6 are in very similar standard. Maximal mean rut depth is around 35 mm. That is why these sections could be put into the same calculations.

3.3. Regional road- Fv 704

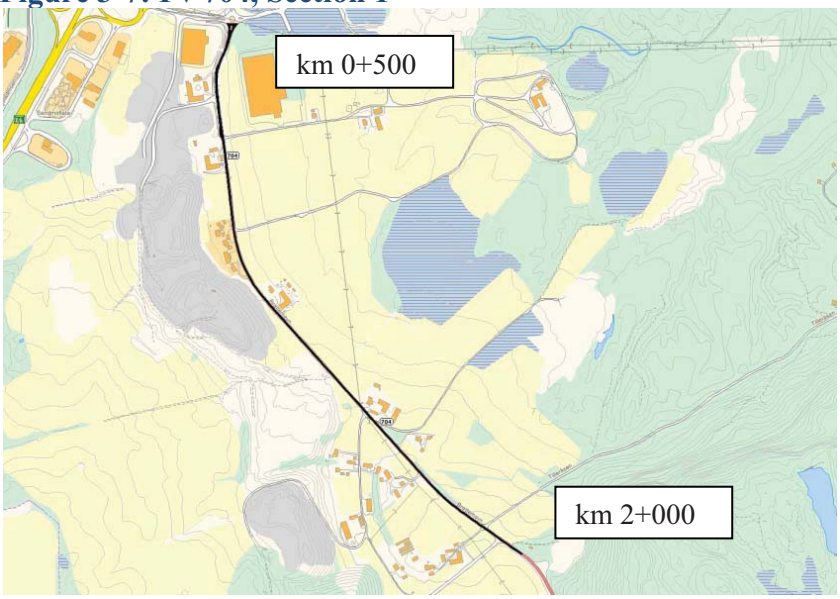
Road number (Fylke veg) Fv 704 is a regional road in Sør- Trøndelag, in Trondheim, south from the city centre. It starts in the junction number 31- E6- Brøttemsvegen. It is around 15 km long in total. Deflection measurements were performed for almost the whole section.

I have divided the road into 2 sections, according to Hp number.

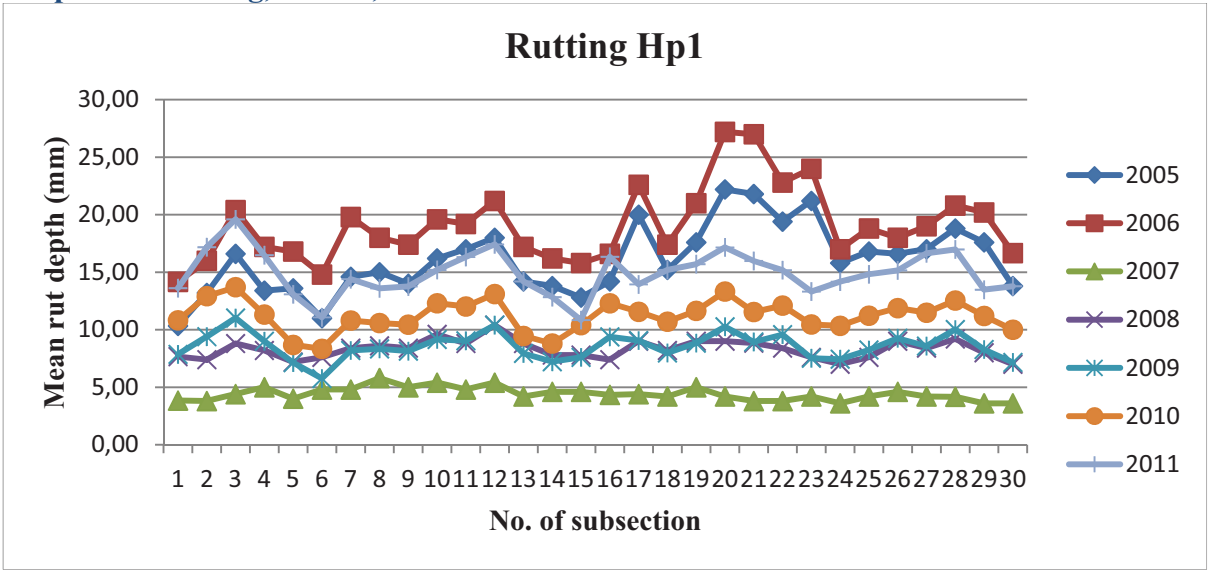
3.3.1. Section 1- Hp 1

Section 1 starts with roundabout near E6 exit. It has 1500 m. It starts at Hp 1,km 500 and ends at Hp 1, km 2000. There are couple of intersections on its way, especially private exits, but no significant junction or bridge. Figure 3-7 shows the section.

Figure 3-7: Fv 704, Section 1



Graph 3-7: Rutting, Fv 704, Section 1

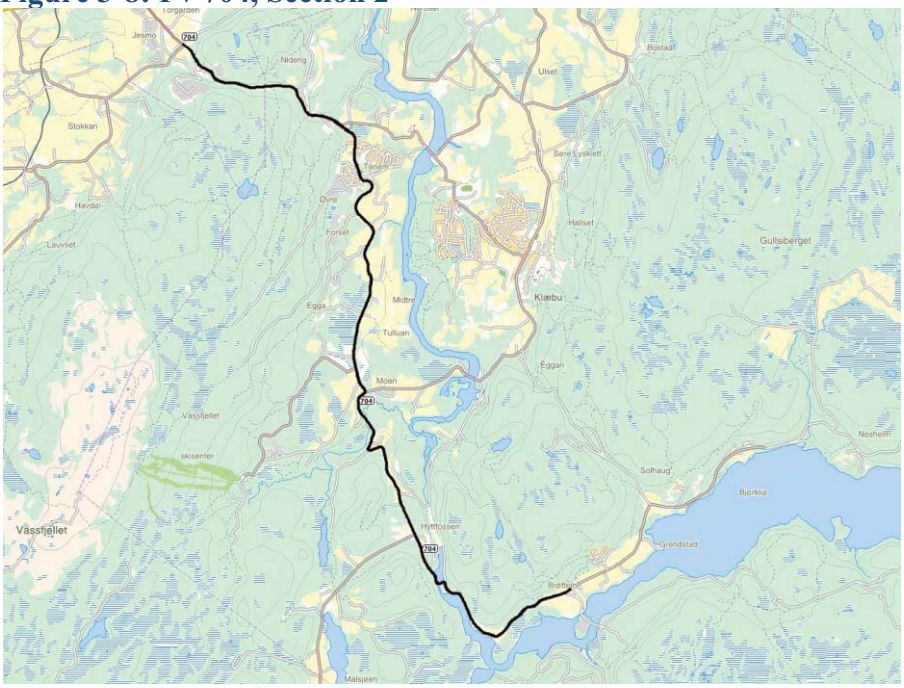


Graph 3-7 shows progression of rutting in Section 1. Maximum rut depth goes up to 27 mm, which is quite satisfying as for a regional road. Minimum value is around 4 mm. It can be seen that there was general renovation of the road between 2006 and 2007. Rut depth in all subsections diminished by 15- 20 mm. After 2007 we can observe constant and rather even deterioration.

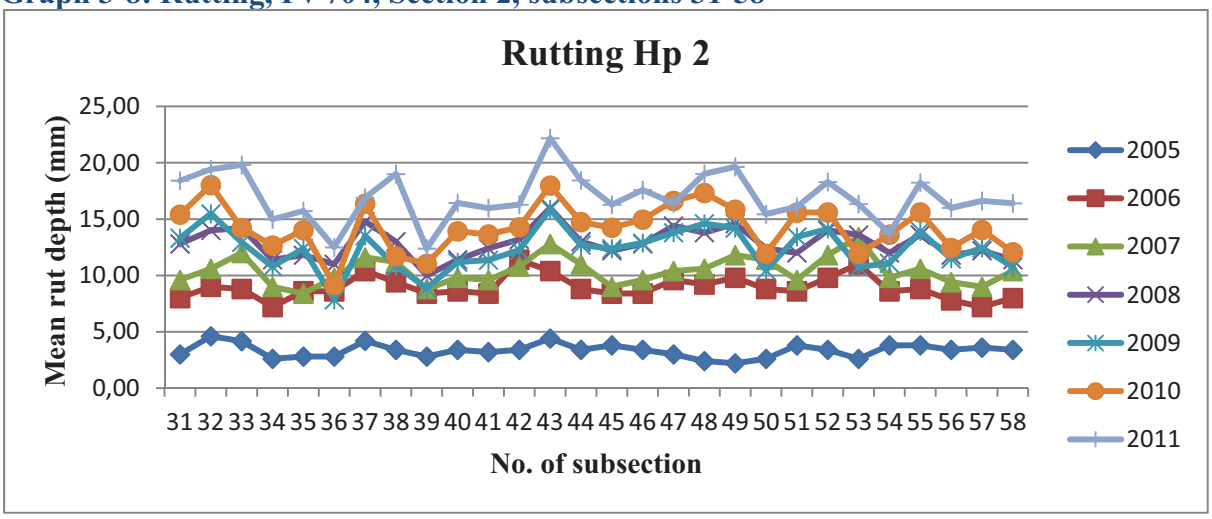
3.3.2. Section 2- Hp 2

Section 2 follows Section 1. It is 13,35 km long. It goes through small village Tanem. It ends at the intersection with Fv 926 in Brøttemsmoen. That is the end of that road.

Figure 3-8: Fv 704, Section 2

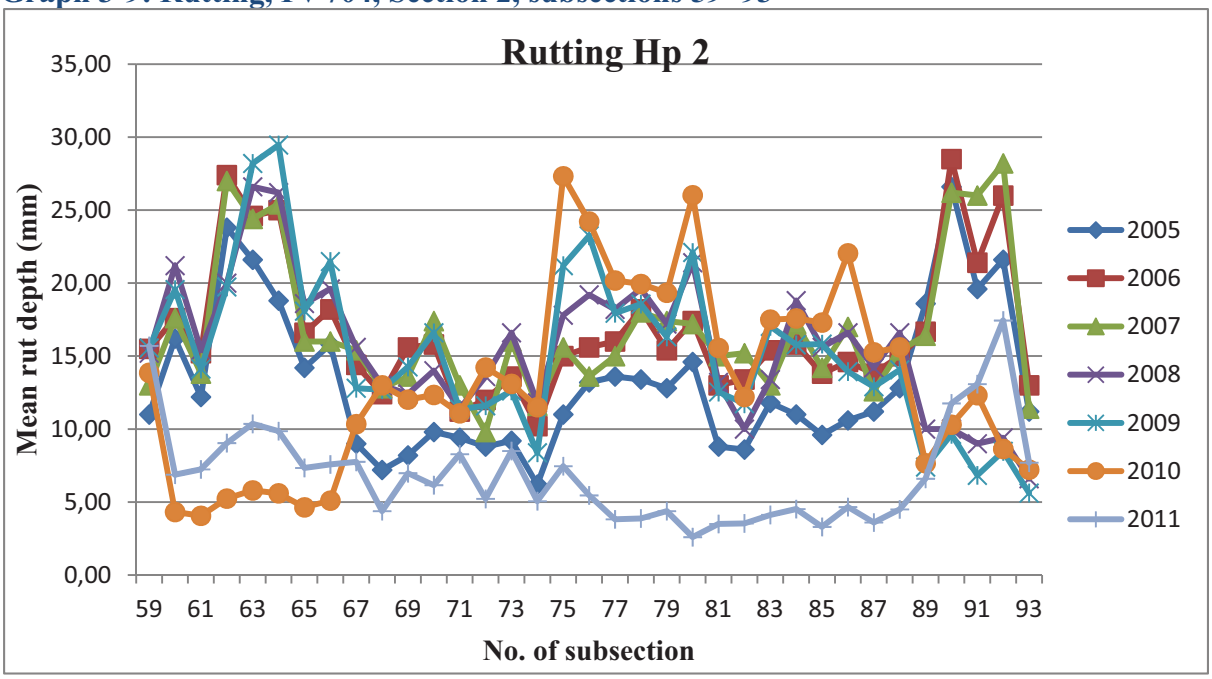


Graph 3-8: Rutting, Fv 704, Section 2, subsections 31-58



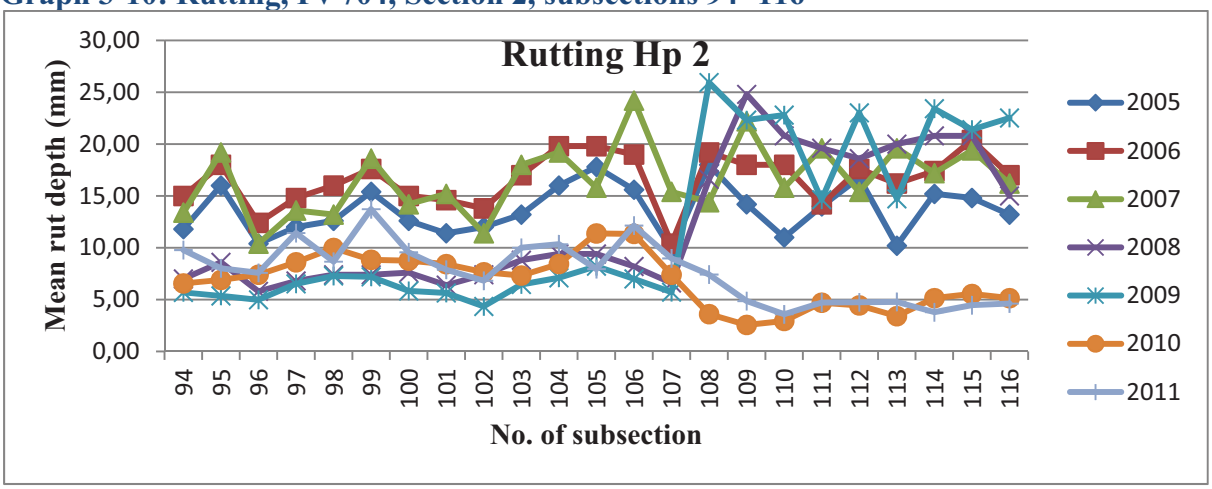
Graph 3-8 shows mean rut depth in the beginning of Section 2. Analysis started in 2005, it shows rutting under 5 mm on the presented section, which is very good. However, after 2005, there was constant deterioration of subsections. There is no sign of performed rehabilitation after 2005. I assume that renovation on these subsections was performed between 2004 and 2005. This part of section 2 looks very even, there are no big variations. That can mean that local conditions do not influence the road.

Graph 3-9: Rutting, Fv 704, Section 2, subsections 59- 93



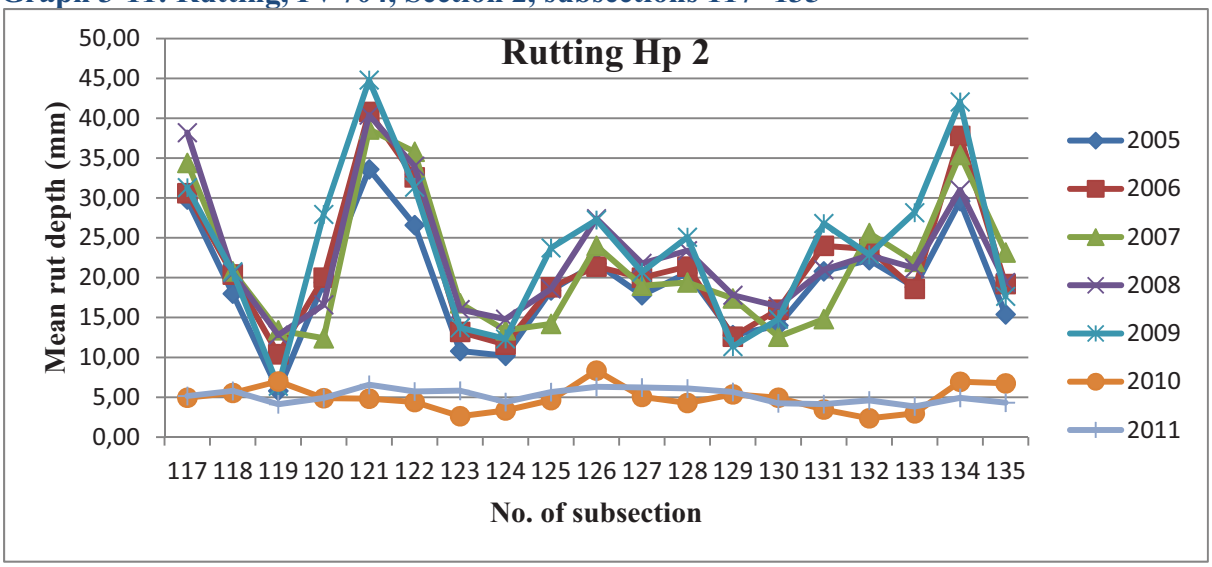
Graph 3-9 shows rutting on subsections from 59 to 93 of Section 2. Maximum mean rut depth is around 30 mm and minimum is around 3 mm. There are rather big variations of the rut depth, depending on subsection. Between neighbouring ones, there is even 15 mm difference. There was maintenance work on subsections 60- 66 between 2009 and 2010. Subsections 67- 89 got overlay between 2010 and 2011. On subsections 90- 93 there was maintenance work between 2007 and 2008.

Graph 3-10: Rutting, Fv 704, Section 2, subsections 94- 116



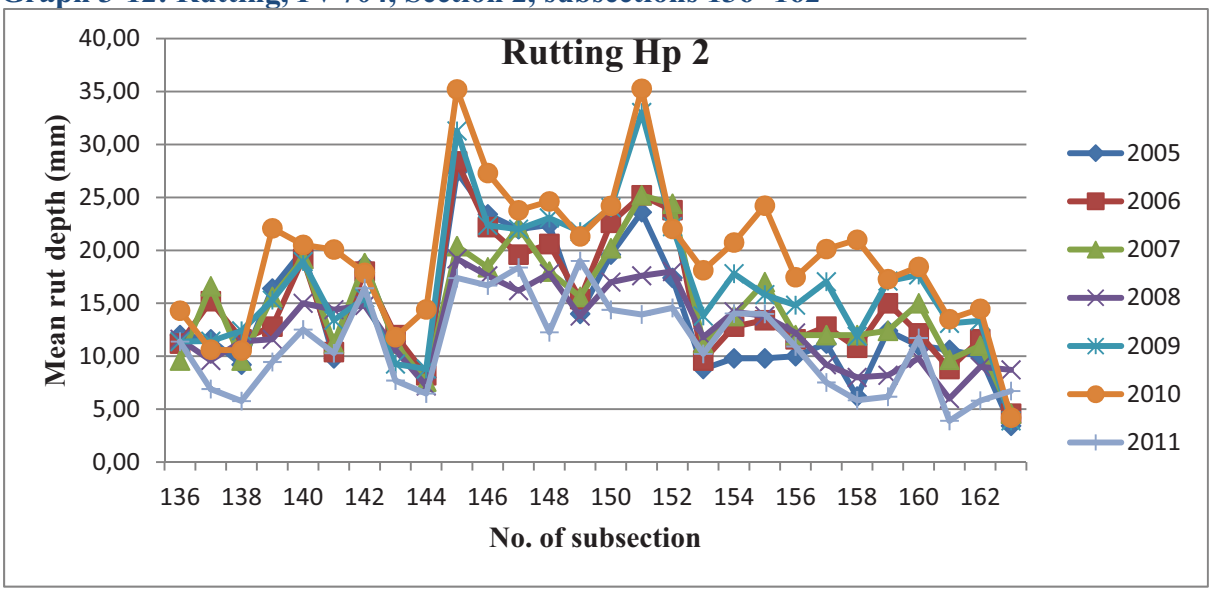
Graph 3-10 shows rutting on subsections 94- 116. Maximum value is 26 mm and minimum- 3 mm. In the first part- from subsection 94 to 107 there was maintenance between 2007 and 2008. In the second part- from no. 108 to 116 there was overlaying between 2009 and 2010. Generally speaking, this part of Section 2 is rather even, and highest rut depth is not very significant.

Graph 3-11: Rutting, Fv 704, Section 2, subsections 117- 135



Graph 3-11 shows rutting on subsections from 117 to 135. From 2005 to 2009 there were big differences between mean rut depth from one subsection to another. Maximum value of rut depth was even 45 mm- in 2009, subsection 121. After 2009 there were some major renovation works. On whole section rutting went down to around 5 mm. Due to big ruts road administration performed overlaying. It improved significantly the quality of the road.

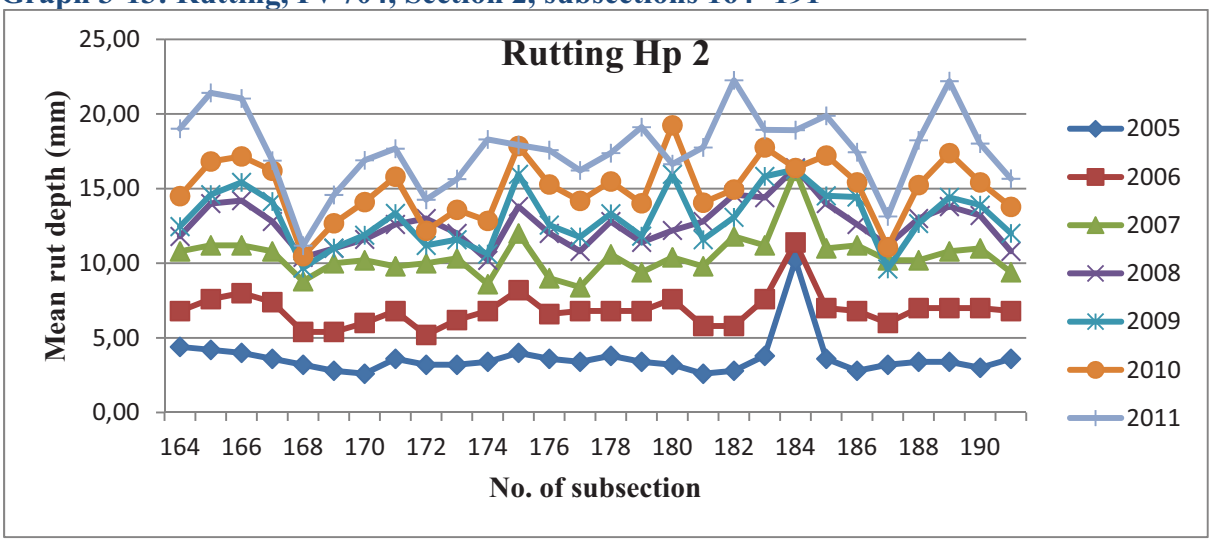
Graph 3-12: Rutting, Fv 704, Section 2, subsections 136- 162



Graph 3-12 shows rutting on subsections from 136 to 162. Maximum value of a rut depth is 35 mm and minimum- 4 mm. That gives us around 3 cm of difference between the highest and smallest value. Generally, subsections between 144 and 153 have bigger rutting in comparison with the rest. It is probably caused by local, worse, conditions. Overlaying on section 2 was done between 2010 and 2011. The mean rut depths in 2011 are smaller than

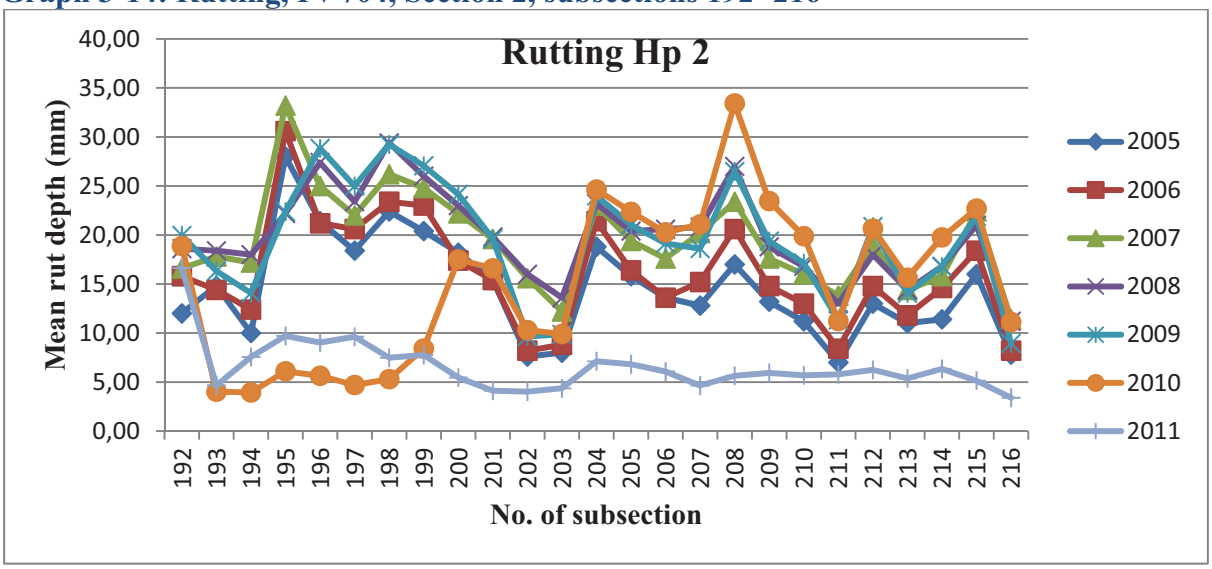
those in 2010. However, this renovation was not done in a very good way, because rut depth values in some sections were not reduced much. They decreased by around 7- 15 mm in each subsection. It can mean that new layer was done without milling unevenness or with use of bad quality materials.

Graph 3-13: Rutting, Fv 704, Section 2, subsections 164- 191



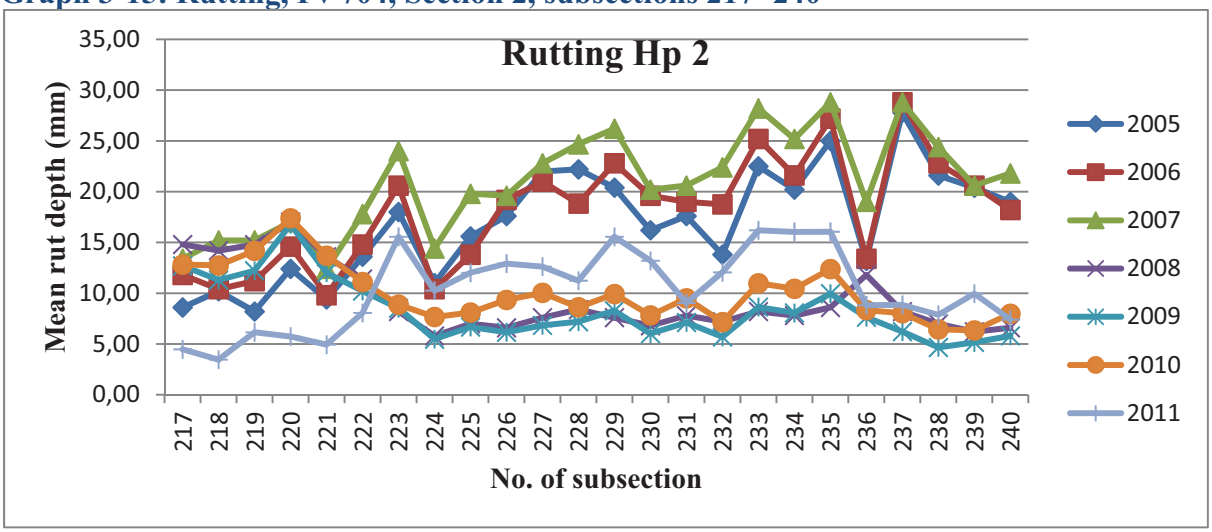
Graph 3-13 shows rutting in subsections 164- 191. Mean rut depth in these subsections do not vary a lot. They oscillate around one set value in each year. It can mean that road was built very neatly in this area- local conditions did not influence quality of works. From 2005 rutting went steadily up. I assume there was maintenance works on these subsections between 2004 and 2005. The biggest rutting was in 2011, but even then it went up to 22 mm, which is not very big rut depth. Generally, this part of Section 2 has been in good condition through all analysis years.

Graph 3-14: Rutting, Fv 704, Section 2, subsections 192- 216



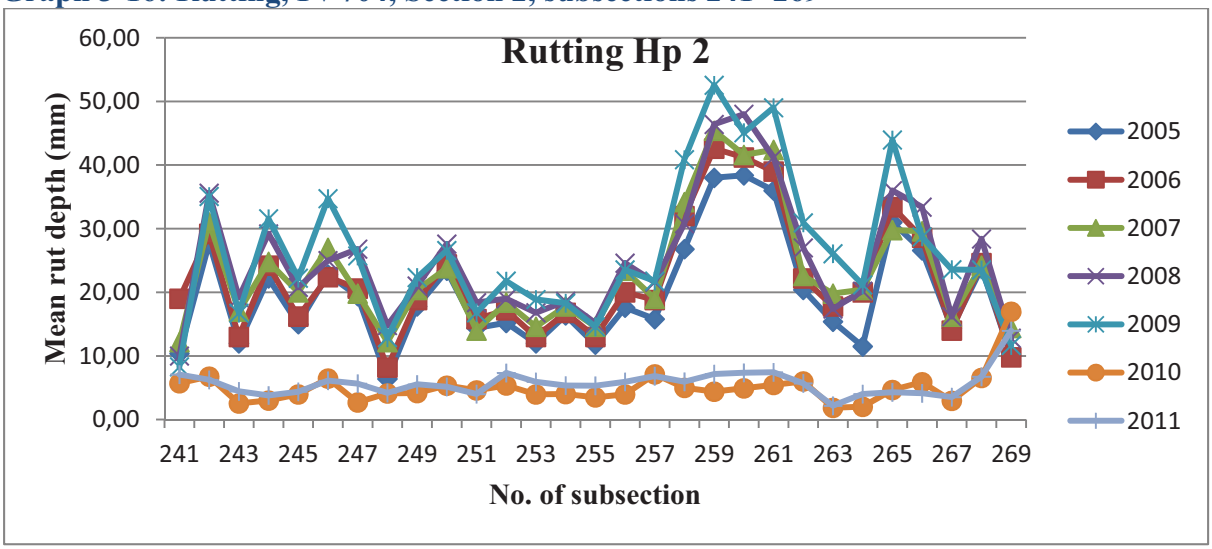
Graph 3-14 shows rutting in subsections 192- 216. Maximum rut depth value is under 35 mm. Minimum value is around 4 mm, after maintenance. In subsections 193- 198 maintenance was performed between 2009 and 2010. From subsection no. 199 to 216, overlaying was done between 2010 and 2011.

Graph 3-15: Rutting, Fv 704, Section 2, subsections 217- 240



Graph 3-15 shows rutting in subsections 217- 240. Maximum value of the mean rut depth is 30 mm and minimum is 4 mm. In subsections from 217 to 222 maintenance was performed between 2010 and 2011. In subsections from 223 to 240 overlaying was done between 2007 and 2008.

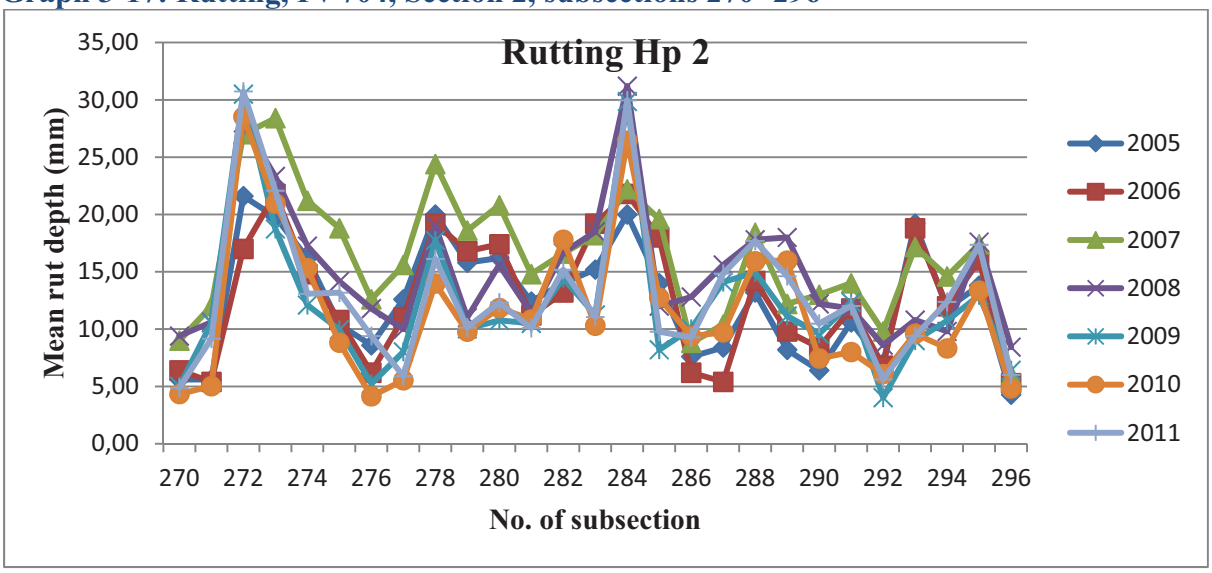
Graph 3-16: Rutting, Fv 704, Section 2, subsections 241- 269



Graph 3-16 shows rutting in subsections from 241 to 269. Maximum rut depth is over 50 mm. There was big deterioration in road's quality in subsections 259- 261. It was probably due to local conditions. We can observe, that major rehabilitation was performed between 2009 and 2010. In subsections from 241 to 268 rutting after 2009 went down to around

5 mm. Graph 3-16 has the widest scale while comparing with another graphs. The mean rut depth reached here maximum for the whole road.

Graph 3-17: Rutting, Fv 704, Section 2, subsections 270- 296



Graph 3-17 shows rutting in the end of the road, in subsections from 270 to 296. Maximum value is 32 mm and minimum- 4 mm. In subsection no. 272 and 284 there are two peaks which can be bigger pothole, caused by local conditions. In the last subsection rutting is getting smaller in all years. It is probably due to intersection in the end of this area. It is quite hard to determine in which years there were any renovation works. I used data from Appendix 5 to see the year of renovation in these subsections.

3.3.3. Conclusions from above subchapters

From subchapters 3.3.1 and 3.3.2, we can conclude, that maintenance was performed as shown in Table 3-2.

Table 3-2: Performed rehabilitation on Fv 704- Sections 1 and 2

Subsection	First year after renovation	Graph's number
1- 30	2007	Graph 3-7
31- 58	2005	Graph 3-8
60- 66	2010	Graph 3-9
67- 89	2011	Graph 3-9
90- 93	2008	Graph 3-9
94- 107	2008	Graph 3-10
108- 116	2010	Graph 3-10

117- 135	2010	Graph 3-11
136- 162	2011	Graph 3-12
164- 191	2005	Graph 3-13
193- 216	2011	Graph 3-14
217- 222	2011	Graph 3-15
223- 240	2008	Graph 3-15
241- 268	2010	Graph 3-16
273- 292	2009	Appendix 5, Graph 3-17

These data are needed for determination of pavement construction's age, see Chapter 4.

4. CALCULATIONS/ CALIBRATION

4.1.The preparation of data

The data are put into Excel sheet. The analysis years are from 2005 to 2011. That gives us 6 seasons: 2005- 06, 2006- 07, 2007- 08, 2008- 09, 2009- 10, 2010- 11. We can speak of seasons because of extensive damages of pavements' surfacing after winter.

I have deleted the changes of rutting that were negative in a season. They are not relevant for the calculations and they are not consistent with assumption of no rehabilitation in an analysis year.

From NVDB I have got following data:

- historical roughness
- historical mean rut depth
- width of pavement
- traffic in 2010

Table 4-1: Assumed values for calculations

Factor	E6	Fv 704
Speed- S (km/h)	80	50
Relative Compaction- COMP (%)	98	98
Use of salt	yes	yes
Percentage of cars using studded tyres in winter (%)	40	60
Yearly traffic growth (%)	2	2

Table 4-1 shows values that were assumed while calculating. For European Road E6 the percentage of passing cars with studded tyres is smaller than for regional road. The conditions during winter on main roads are generally better, so number of cars with studded tyres can be smaller. The relative compaction was assumed to be 98 % on both roads. However, the degree of compaction on Fv 704 is probably smaller than that.

The daily traffic was calculated with use of data of AADT from 2010 from NVDB and assumed yearly growth in the traffic.

Optimization was made with use of Excel Solver. I used least squares method. Solver minimizes the sum of squared differences between measured and calculated values. All calculations are given in the appendixes.

4.2.Calculations of the Pavement Strength

There are two methods for calculating the Pavement Strength in the HDM-4 program. This value is expressed by the Structural Number- SNP.

4.2.1. The first method of calculating SNP

The first method uses pavement structure and strength.

$SNP_s = SNBASU_s + SNSUBA_s + SNSUBG_s$

Where:

SNP_s – the adjusted structural number of pavement for season "s"

$SNBASU_s$ – contribution of surfacing and base layers for season "s"

$SNSUBA_s$ – contribution of sub-base or selected fill layer for season "s"

$SNSUBG_s$ – contribution of subgrade for season "s"

$$SNBASU_s = 0{,}0394 \cdot \sum_{i=1}^{n} a_{is} \cdot h_i$$

Where:

a_{is} – layer coefficient for base or surface layer "i" for season "s", see Table 4-2

h_i – thickness of base or surface layers (mm)

n – number of base and surfacing layers

Table 4-2: Pavement layer strength coefficients

Layer	Layer type	Condition	Coefficient
Surfacing	ST	Usually 0,2	a_i = 0,2 to 0,4
	AM	h_i < 30 mm, low stability and cold mixes	a_i = 0,2
		h_i > 30 mm, MR30 = 1500 MPa	a_i = 0,3
		h_i > 30 mm, MR30 = 2500 MPa	a_i = 0,4
		h_i > 30 mm, MR30 ≥ 4000 MPa	a_i = 0,45

Base	GB	Default	a_i = (29,14*CBR- 0,1977CBR^2+ 0,00045* CBR^3)* 10^{-4}
		CBR > 70, cemented sub-base	a_i = 1,6* (29,14*CBR- 0,1977*CBR^2+ 0,00045*CBR^3)*10^{-4}
		CBR < 60, max. axle load > 80 kN	a_i = 0
	AB, AP	Dense graded with high stiffness	a_i = 0,32
	SB	Lime or cement	a_i = 0,075 + 0,03*UCS – 0,00088* UCS^2
Sub-base		Granular	a_j = -0,075 + 0,184*(log_{10}CBR)- 0,0444*(log_{10}CBR)^2
		Cemented UCS> 0,7 MPa	a_j =0,14

For surfacing layer I assumed that a_j = 0,4 and for base layer: 0,32.

$$SNSUBA_s = 0{,}0394 \cdot \sum_{j=1}^{m} a_{js} \cdot \left[\left(\frac{b_0 \cdot \exp(-b_3 \cdot z_j)}{-b_3} + \frac{b_1 \cdot \exp(-(b_2 + b_3) \cdot z_j)}{(b_2 + b_3)} \right) - \left(\frac{b_0 \cdot \exp(-b_3 \cdot z_{j-1})}{-b_3} + \frac{b_1 \cdot \exp(-(b_2 + b_3) \cdot z_{j-1})}{(b_2 + b_3)} \right) \right]$$

Where:

a_{js} – layer coefficient for sub- base or selected fill layer "j" for season "s", see Table 4-2

m – number of sub- base and selected fill layers

z_j – depth to the underside of the "j^{th}" layer

b_0, b_1, b_2, b_3 – model coefficients, see Table 4-3

Table 4-3: Adjusted structural number coefficients

Pavement type	b0	b1	b2	b3
All pavement types	1,6	0,6	0,008	0,00207

$$SNSUBG_s = [b_0 - b_1 \cdot \exp(-b_z \cdot z_m)] \cdot [3{,}51 \cdot \log_{10}CBR_s - 0{,}85 \cdot (\log_{10}CBR_s)^2 - 1{,}43]$$

Where:

z_m - depth parameter measured from the top of the sub- base (underside of base) (mm)

b_0, b_1, b_2, b_3 – model coefficients, see Table 4-3

Due to lack of detailed layer data, some assumptions were made while calculating. First of all, SNP number with this method was calculated as follows:

SNP = SNBASU + SNSUBA + SNSUBG

Layer thicknesses data on E6 were gained from Georadar data. E6 was built in 1987. Layer thicknesses were not accurate. During these 25 years, there were many overlaying

performed. Layers' borders effaced due to milling the upper part of the road and laying newer asphalt surface. Figure 4-1 shows the way of marking the layers in calculations.

Figure 4-1: Layers in the pavement due to Georadar

<table>
<tr><td>Layer 1</td><td>surfacing</td><td rowspan="2">SNBASU</td><td>-----</td><td rowspan="2">z_j</td></tr>
<tr><td>Layer 2</td><td>base</td><td>-----</td></tr>
<tr><td>Layer 3</td><td>sub-base</td><td>SNSUBA</td><td rowspan="2">z_m</td><td></td></tr>
<tr><td>Layer 4</td><td>subgrade</td><td>SNSUBG</td><td>-----</td></tr>
</table>

There were no CBR data for sub- base and subgrade. I assumed that CBR value for the sub-base is 60 %. In such case a_j value is:

$$a_j = -0{,}075 + 0{,}184 \cdot (log_{10}CBR) - 0{,}0444 \cdot (log_{10}CBR)^2 = 0{,}112$$

CBR for $SNSUBG_s$ was calculated with help of some models.

According to Swedish guidelines, E moduli of a subgrade can be calculated as below (Christiansen, et al. 2010).

$$E_{subgrade} = \frac{52000}{(d_{900})^{1,5}}$$

Where:

d_{900} – the deflection measured in 900 mm distance from the centre deflection

For calculation of CBR of the subgrade, following formula was used:

$$CBR_{subgrade} = \left(\frac{E_{subgrade}}{17{,}6}\right)^{\frac{1}{0{,}64}}$$

Because of many assumptions made while calculating CBR, some values were very small- ca. 3 or 5 %. In those cases a CBR value of 15%, which is considered reasonable for the subgrade type, was assumed.

I have got layer thicknesses data only for the first lane of E6. That is why there are less calculated values than in case of other calculations.

4.2.2. The second method of calculating SNP

If the Benkelman beam rebound deflection of the pavement and the thickness of the surfacing layer are known, we can use the second method for calculating SNP.

$$SNP_s = 3{,}2 \cdot (DEF_s)^{-0{,}63} + dSNPK$$

Where:

DEF_s – Benkelman beam rebound deflection under 80 kN axle load, 520 kPa tyre pressure and 30^o average asphalt temperature for season "s" (mm)

dSNPK – reduction in adjusted structural number due to cracking

$$dSNPK = 0{,}0000758 \cdot [MIN(63, ACX_a) \cdot HS]$$

Where:

ACXa – area of indexed cracking at the start of the analysis year (percentage of total carriageway area)

HS – thickness of the surfacing layer (mm)

I used simplified equation, that was also used within NordFoU project:

$$SNP = 3{,}2 \cdot DEF^{-0{,}63}$$

Where:

DEF- central deflection (mm)

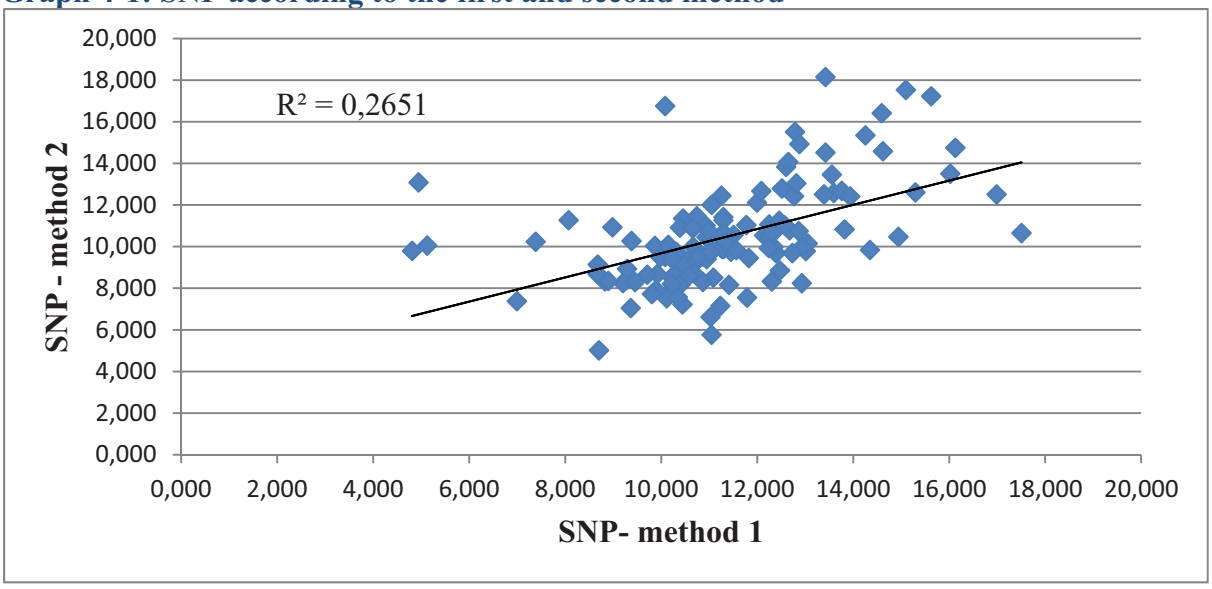
It does not reflect the seasonal effect for SNP, due to lack of cracking data.

Deflection measurements were performed only in 2011. However, I used these data for calculations in all the seasons. SNP_{2011} might be smaller than SNP in earlier years. Therefore I have assumed the strength of the pavement to be the same in seasons 2005-2010.

4.2.3. Comparison of SNP calculated with both methods

As we can see in Graph 4-1, SNP varies a lot while calculating with both methods. This is due to many assumptions made during calculating. R^2 equals to 26,51 %, which is not very good correlation between two methods- they give very different values. Some values calculated in these methods are almost 100% different from each other.

Graph 4-1: SNP according to the first and second method



4.3.Calculations of the Mean Rut Depth

According to HDM-4 models, the mean rut depth is composed of four elements. These are:

- Initial densification,
- Structural deformation,
- Plastic deformation,
- Surface wear.

Changes in the rut depth due to plastic deformation are omitted in the NordFoU project. They are insignificant in comparison to another factors. It is because of lower maximal pavements' temperatures in Scandinavia.

Depending of pavement's age, we calculate mean rut depth in two ways. If a pavement is new, that means its age is equal or smaller than 1 year, we calculate total change in rut depth as follows:

$\Delta RDM = RDO + \Delta RDW$

Where:

ΔRDM- total change in a rut depth

RDO- change in rut depth due to initial densification

ΔRDW- change in rut depth due to surface wear

If the pavement's age is bigger than 1 year, total change in rut depth is calculated with following equation:

$\Delta RDM = \Delta RDST + \Delta RDW$

Where:

ΔRDM- total change in a rut depth

ΔRDST- change in rut depth due to structural deformation

ΔRDW- change in rut depth due to surface wear

Both scenarios suppose change in rut depth due to surface wear, that means wear from studded tyres.

Change in rut depth due to initial densification:

$RDO = K_{rid} \cdot \left[a_0 \cdot (YE4 \cdot 10^6)^{(a_1 + a_2 \cdot DEF)} \cdot SNP^{a_3} \cdot COMP^{a_4}\right]$

Where:

K_{rid}- calibration factor for initial densification

YE4- annual number of equivalent standard axles (millions/ lane)

DEF- average annual Benkelman beam deflection (mm)

SNP- average annual adjusted structural number of the pavement

COMP- relative compaction (%), see Table 4-4

a_i- default coefficient values for initial densification model, see Table 4-5

Table 4-4: Default values for relative compaction

Compliance	Relative Compaction- COMP (%)
Full compliance in all layers	100
Full compliance in some layers	95
Reasonable compliance in most layers	90
Poor compliance in most layers	85

Table 4-5: Default coefficient values for initial densification model

Pavement type	a_0	a_1	a_2	a_3	a_4
AMGB, AMAB, AMSB, STGB, STAB, STSB	51740	0,09	0,0384	-0,502	-2,3
AMAP, STAP	0	0	0	0	0

Change in rut depth due to structural deformation:

I am taking into account rutting due to structural deformation without cracking in the analysis year. It is because there are no cracking data in NVDB.

$\Delta RDST = K_{rst} \cdot (a_0 \cdot SNP^{a_1} \cdot YE4^{a_2} \cdot COMP^{a_3})$

Where:

K_{rst}- calibration factor for structural deformation

SNP- average annual adjusted structural number of a pavement

YE4- annual number of equivalent standard axles (millions/ lane)

COMP- relative compaction (%), see Table 4-4

a_i- default coefficient values for structural deformation model, see Table 4-6

Table 4-6: Default coefficient values for structural deformation model

	Pavement type	a_0	a_1	a_2	a_3	a_4
Without cracking	All pavement types	44950	-1,14	0,11	-2,3	-
After cracking	All pavement types	0,0000248	-0,84	0,14	1,07	1,11

Change in rut depth due to surface wear/ wear from studded tyres

$$\Delta RDW = K_{rsw} \cdot (a_0 \cdot PASS^{a_1} \cdot W^{a_2} \cdot S^{a_3} \cdot SALT^{a_4})$$

Where:

K_{rsw}- calibration factor for surface wear

PASS- annual number of vehicle passes with studded tyres in the analysis year

S- average traffic speed (km/h)

SALT- variable for salted or unsalted roads (2- salted, 1- unsalted)

W- road width (m) (carriageway plus total shoulder width)

a_i- default coefficient values for surface wear model, see Table 4-7

Table 4-7: Default coefficient values for surface wear model

Pavement type	a_0	a_1	a_2	a_3	a_4
All pavement types	0,0000248	1,0	-0,46	1,22	0,3

Additional equations:

For calculating YE4, following equation was used:

$$YE4 = \frac{ESALF \cdot AADT \cdot 365}{No.of\ lanes \cdot 10^6}$$

Where:

AADT- Annual Average Daily Traffic in both directions

ESALF- equivalent standard axle load factor in equivalent standard axle load, according to HDM-4 documentation, default value is 2; that is also the value used within NordFoU project

No. of lanes- the number of lanes in both directions

Because YE4 is calculated for the whole year, AADT must have been multiplied by 365. This value is in millions per lane, that is why we divide it by 10^6 and number of lanes.

For calculating annual number of passing cars with studded tyres, following formula was used:

$$PASS = \frac{\frac{1}{2} \cdot AADT \cdot 365 \cdot (40\%/60\%) \cdot 50\%}{1000}$$

Where:

AADT – annual average daily traffic- in both directions

365- days in a year

40%/ 60% - percentage of cars using studded tyres (here: depending on a road type, see Table 4-1)

50% - percent of a year when it is the need for using studded tyres- winter season as a percent of a year

According to NordFoU Matlab program, number of cars passing is divided by 1000. However, I could not find any information confirming that. I did not have access to original HDM-4 documentation.

AADT is measured for both directions, but PASS- only for one. That is why AADT was divided by 2 in the formula.

Calculations of standard deviation of rut depth

The standard deviation of the rut depth is used in the roughness model.

$$\Delta RDS = K_{rds} \cdot MAX(a_0, a_1 - a_2 \cdot RDM_b) \cdot \Delta RDM$$

Where:

K_{rds} – calibration factor for rut depth standard deviation

RDM_b – total rut depth at the end of the analysis year

ΔRDM – total change in rut depth

a_0, a_1, a_2 – default coefficients in rut depth standard deviation in analysis year, see Table 4-8

Table 4-8: Default coefficient values for RDS model

a_0	a_1	a_2
0,2	0,65	0,03

4.4.Calculation of the roughness

There are several factors for deteriorating of roughness in the HDM-4 models. These are:

- Structural (ΔRI_s)
- Cracking (ΔRI_c)
- Rutting (ΔRI_r)
- Potholing (ΔRI_p)
- Environment (ΔRI_e)

Due to lack of cracking and potholing data, I calculated roughness with following formula:

$\Delta RI = \Delta RI_s + \Delta RI_r + \Delta RI_e$

Change in roughness due to structural deformation is calculated as follows:

$$\Delta RI_s = K_{gs} \cdot a_0 \cdot \exp\left(m \cdot K_{gm} \cdot AGE\right) \cdot (1 + SNPK_b)^{-5} \cdot YE4$$

Where:

K_{gs} – calibration factor for structural component of roughness

a_0 – default coefficient values for surface wear model

m – environmental coefficient, here: 0,05, see Table 6-1

K_{gm} – calibration factor for environmental coefficient

AGE – pavement age since last overlay, reconstruction or new construction

$SNPK_b$ – adjusted structural number of pavement due to cracking at the end of the analysis year

YE4 – annual number of equivalent standard axles (millions/lane)

Because of some simplifications in calculations, I must have assumed that $SNPK_b$ is equal to SNP.

Change in roughness due to rutting is calculated as follows:

$$\Delta RI_r = K_{gr} \cdot a_0 \cdot \Delta RDS$$

Where:

K_{gr} – calibration factor for rutting component of roughness

a_0 – default coefficient value for surface wear model, see Table 4-7

ΔRDS – standard deviation of the rut depth

Change in roughness due to environment is calculated as follows:

$\Delta RI_e = m \cdot K_{gm} \cdot RI_a$

Where:

RI_a - roughness at the start of the analysis year

m- environmental coefficient, here- 0,05, see Table 6-1

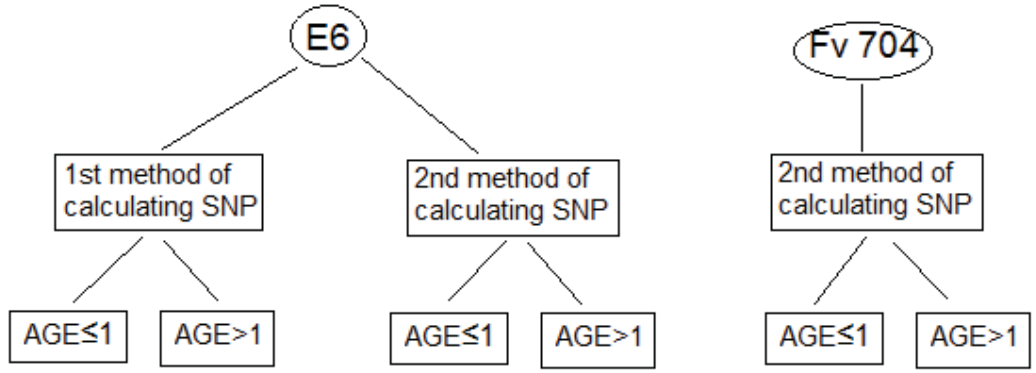
K_{gm} – calibration factor for environmental coefficient

Some assumptions were made while calculating roughness. First of all, year of overlaying were assumed from rutting data. First year after renovation is known, but age of a pavement before- it is not known. I assumed overlaying every 5 years. It is very likely, as E6 is one of the most important transit roads in the region. There is a need of maintaining it, especially because of big heavy traffic travelling the road from Oslo to Trondheim and further to the north of the country.

5. RESULTS OF CALIBRATION

Figure 5-1 shows scenarios that were in calculations. There were 6 scenarios, four for E6 and two for Fv 704.

Figure 5-1: Scenarios in calculations



Time increment is one year. "Year 0" means that it is the first year after renovation. The expressions "Year 1" and "year 2" are used to describe the previous and the current year in calculations.

5.1.Results for the mean rut depth

5.1.1. E6

Because of big amount of cars with studded tyres in Trondheim area, the calibration factor due to other cause than that, was tending to zero. I therefore assumed that minimal values of K_{rst} and K_{rid} are equal to 0,1, so changes in rutting due to initial densification and structural deformation would not disappear.

FIRST METHOD OF CALCULATING SNP

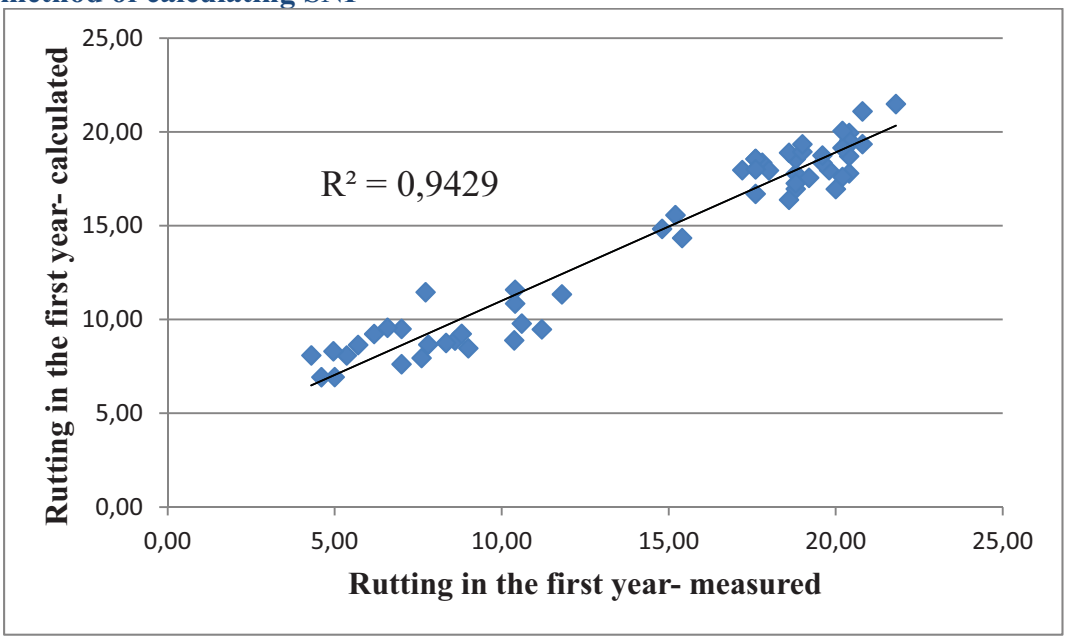
1. Pavements with AGE ≤ 1 year

Table 5-1: Calibration factors K_{rsw} and K_{rid}- E6, first method of calculating SNP

Calibration factor	Value	R^2
K_{rsw}	2,289	94,29 %
K_{rid}	0,1	

There were not so many data for these calculations. Layer thicknesses data were known only for one lane of E6. Despite that, the model shows good accuracy. Curve- fit for this model is 94,29%. The values of calibration factors are relevant and can be used in further work with HDM-4 deterioration models.

Graph 5-1: Rutting in the first year in all sections- measured and calculated, E6, first method of calculating SNP



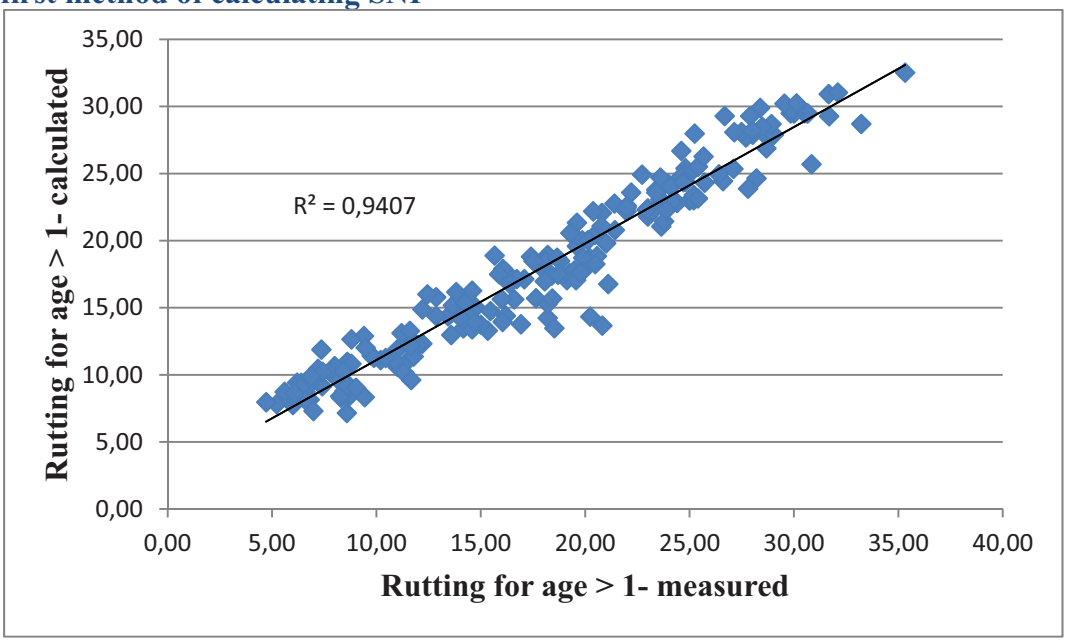
2. Pavements with AGE > 1 year

Table 5-2: Calibration factors K_{rsw} and K_{rst}- E6, first method of calculating SNP

Calibration factor	Value	R^2
K_{rsw}	2,245	94,07 %
K_{rst}	0,1	

The model of rutting for pavements older than 1 year shows good accuracy. The model covers 94,07 % of data. The values of calibration factors are similar to these ones from above calculations.

Graph 5-2: Rutting for all sections with age over 1 year- measured and calculated, E6, first method of calculating SNP



SECOND METHOD OF CALCULATING SNP

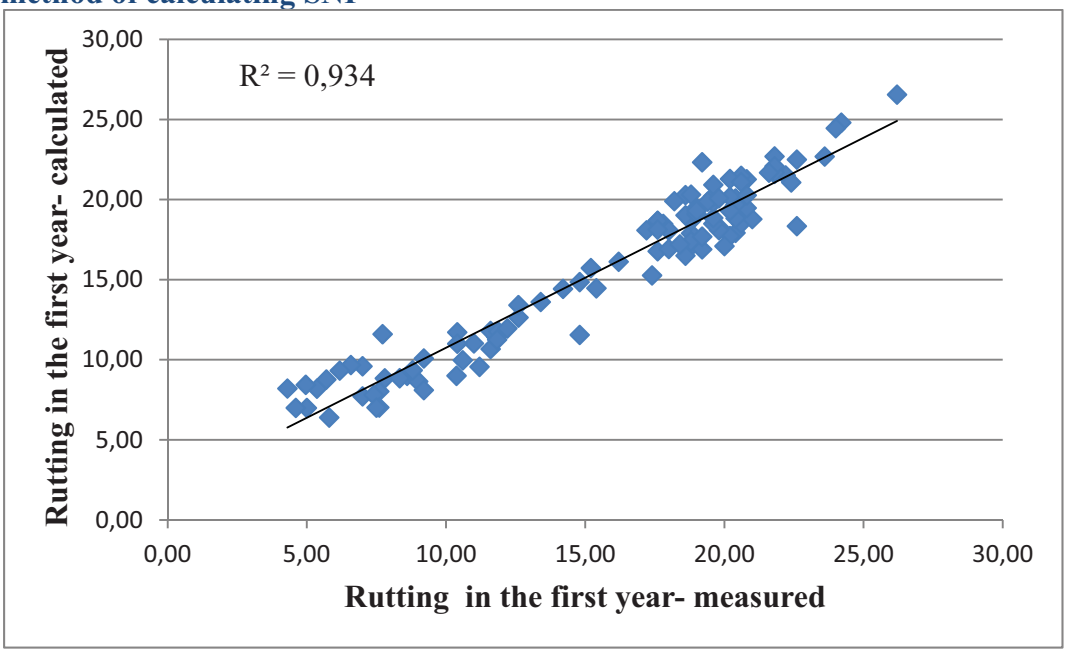
1. Pavements with AGE ≤ 1 year

Table 5-3: Calibration factors K_{rsw} and K_{rid}- E6, second method of calculating SNP

Calibration factor	Value	R^2
K_{rsw}	2,351	93,4 %
K_{rid}	0,1	

In the second method of calculating SNP there were more data than in calculations of SNP with the first method. The K_{rsw} calibration factor is a bit larger here than in previous calculations. The R^2 value is insignificantly smaller than above. It equals to 93,4 %. The model has good relevancy.

Graph 5-3: Rutting in the first year in all sections- measured and calculated, E6, second method of calculating SNP



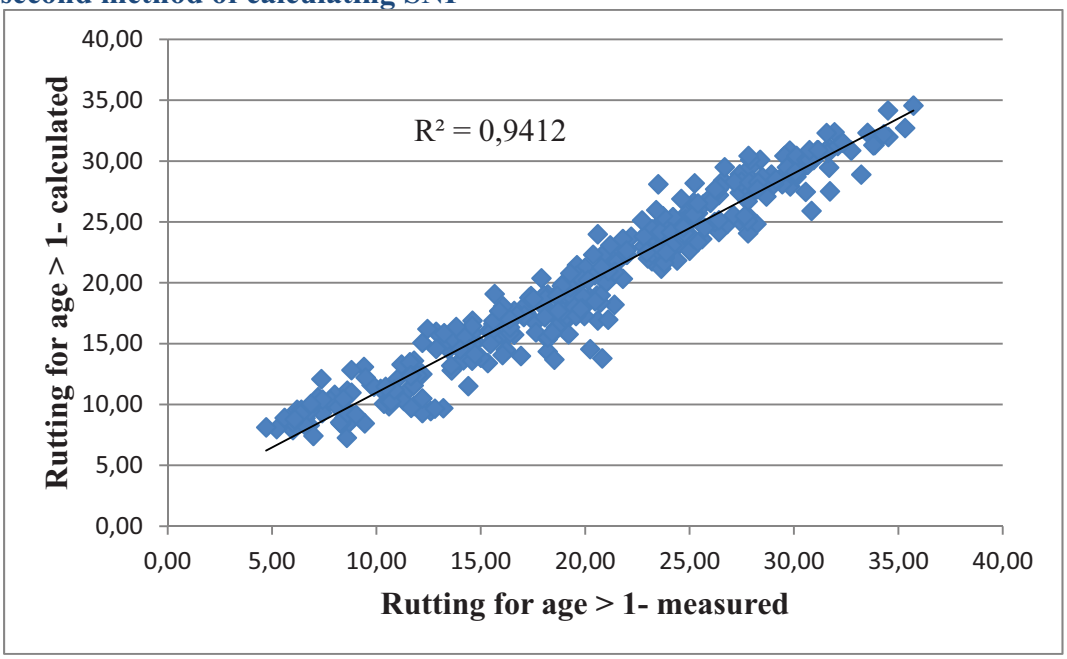
2. Pavements with AGE > 1 year

Table 5-4: Calibration factors K_{rsw} and K_{rst}- E6, second method of calculating SNP

Calibration factor	Value	R^2
K_{rsw}	2,345	94,12 %
K_{rst}	0,1	

This scenario had the largest amount of data among all calculations for E6. Most subsections were used here. The model shows very good accuracy. It covers 94,12 % of data. Calibration factors, see Table 5-4, are relevant for Norwegian conditions.

Graph 5-4: Rutting for all sections with age over 1 year- measured and calculated, E6, second method of calculating SNP



5.1.2. Fv 704

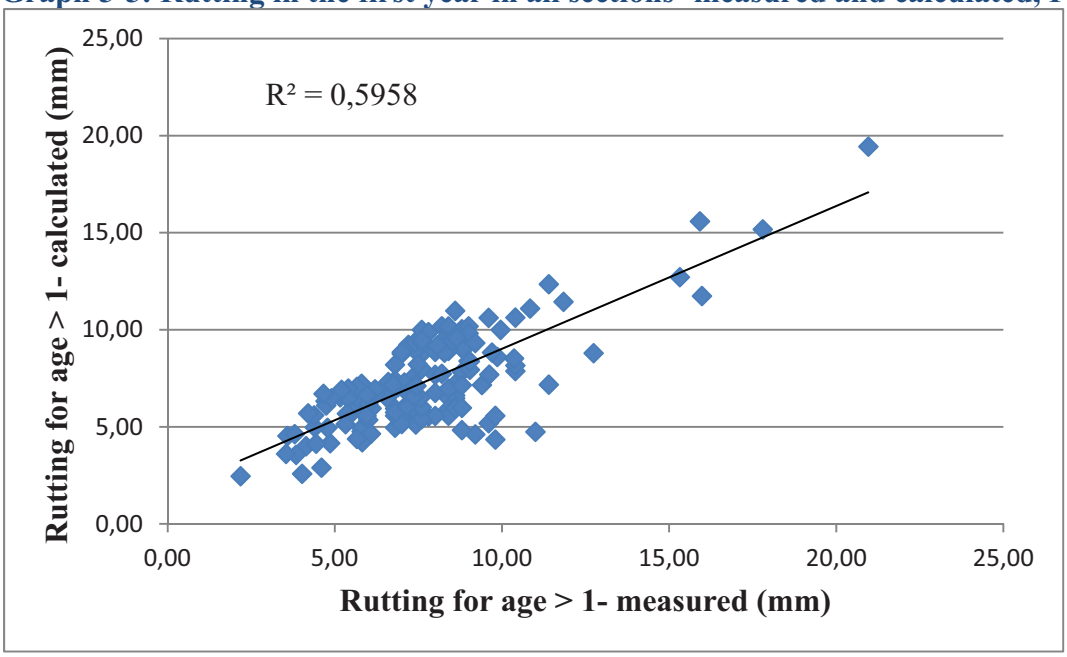
1. Pavement's age ≤ 1 year

Table 5-5: Calibration factors K_{rsw} and K_{rid}- Fv 704

Calibration factor	Value	R^2
K_{rsw}	9,551	59,58 %
K_{rid}	0,1	

Structural number in case of Fv 704 was calculated only with second method. The model for new pavements shows relevancy equal to 59,58 %. It is not as good as in previous calculations. However, we can assume that values of calibration factors can be taken into account.

Graph 5-5: Rutting in the first year in all sections- measured and calculated, Fv 704



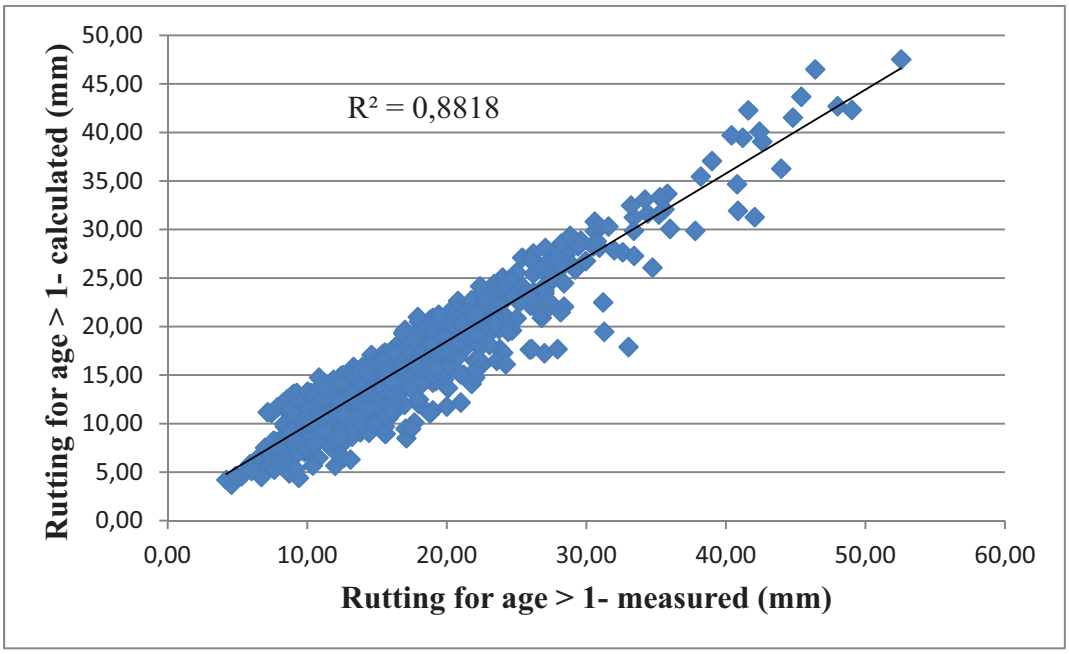
2. Pavement's age > 1 year

Table 5-6: Calibration factors K_{rsw} and K_{rst}- Fv 704

Calibration factor	Value	R^2
K_{rsw}	7,824	88,18 %
K_{rst}	0,1	

In this scenario, calibration factors were optimized for regional roads. This model has accuracy of 88,18 %. It has better curve- fit than model for regional roads with pavement's age less or equal to 1 year. I assume that these calibration factors would be better to use in further work with HDM-4 models than in previous case.

Graph 5-6: Rutting for all sections with age over 1 year- measured and calculated, Fv 704

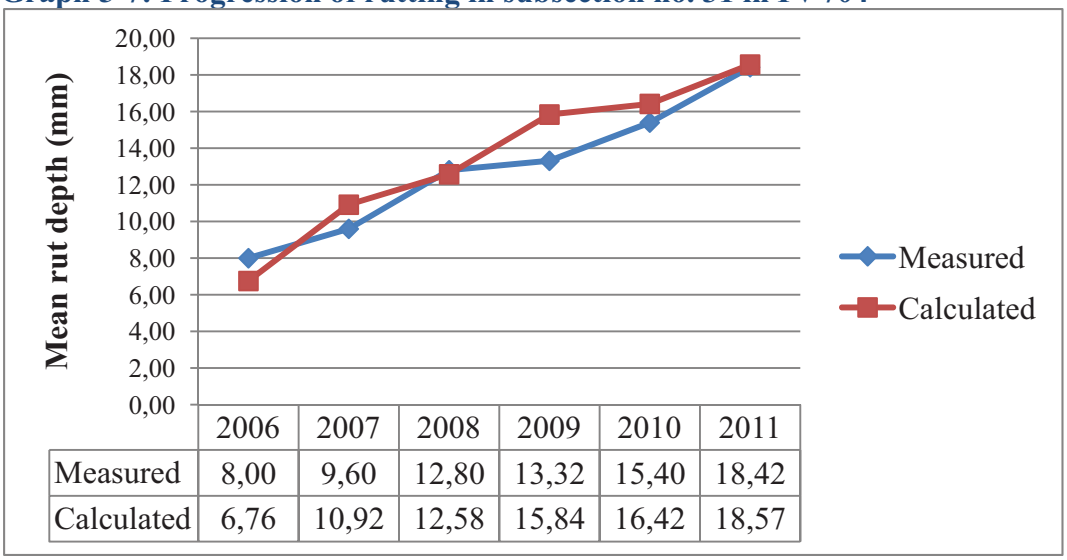


5.1.3. Progression of rutting in time

To show the comparison between measured and calculated progression of rutting, I have chosen the subsections that were rehabilitated before 2005, to show the deterioration in all the years included in calculations.

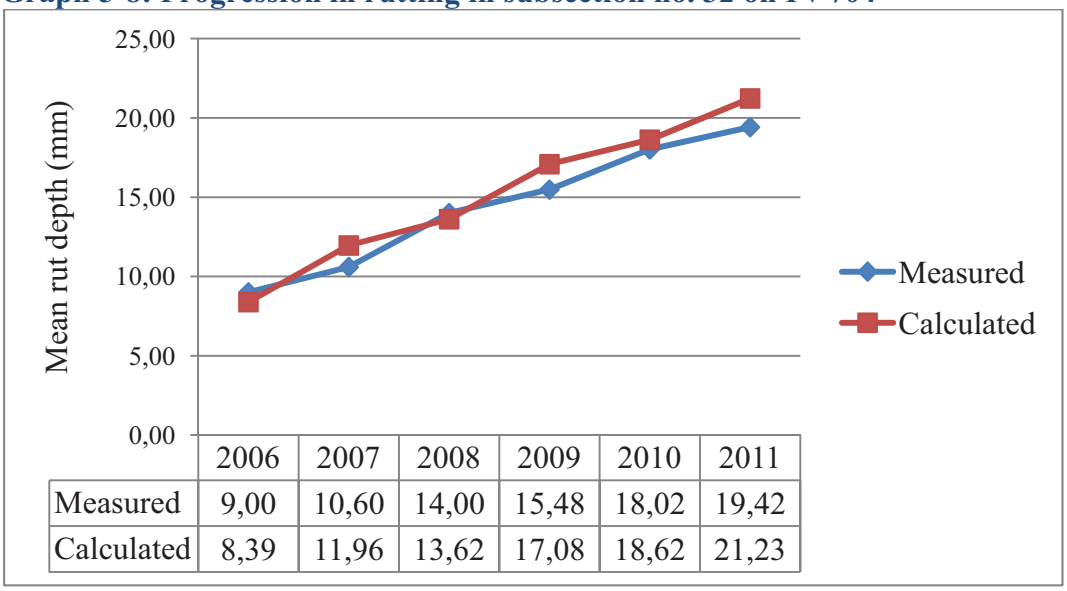
Graph 5-7 and Graph 5-8 show how mean rut depth deepens with years. It is almost linear, just with small divergence. In these subsections, the calculated values are almost everywhere a bit bigger than measured ones. It does not concern the first year of the analysis, where calculated values are smaller than measured. It is due to the acceleration of the rutting in the first year after renovation. It was discussed earlier in this thesis.

Graph 5-7: Progression of rutting in subsection no. 31 in Fv 704



	2006	2007	2008	2009	2010	2011
Measured	8,00	9,60	12,80	13,32	15,40	18,42
Calculated	6,76	10,92	12,58	15,84	16,42	18,57

Graph 5-8: Progression in rutting in subsection no. 32 on Fv 704



	2006	2007	2008	2009	2010	2011
Measured	9,00	10,60	14,00	15,48	18,02	19,42
Calculated	8,39	11,96	13,62	17,08	18,62	21,23

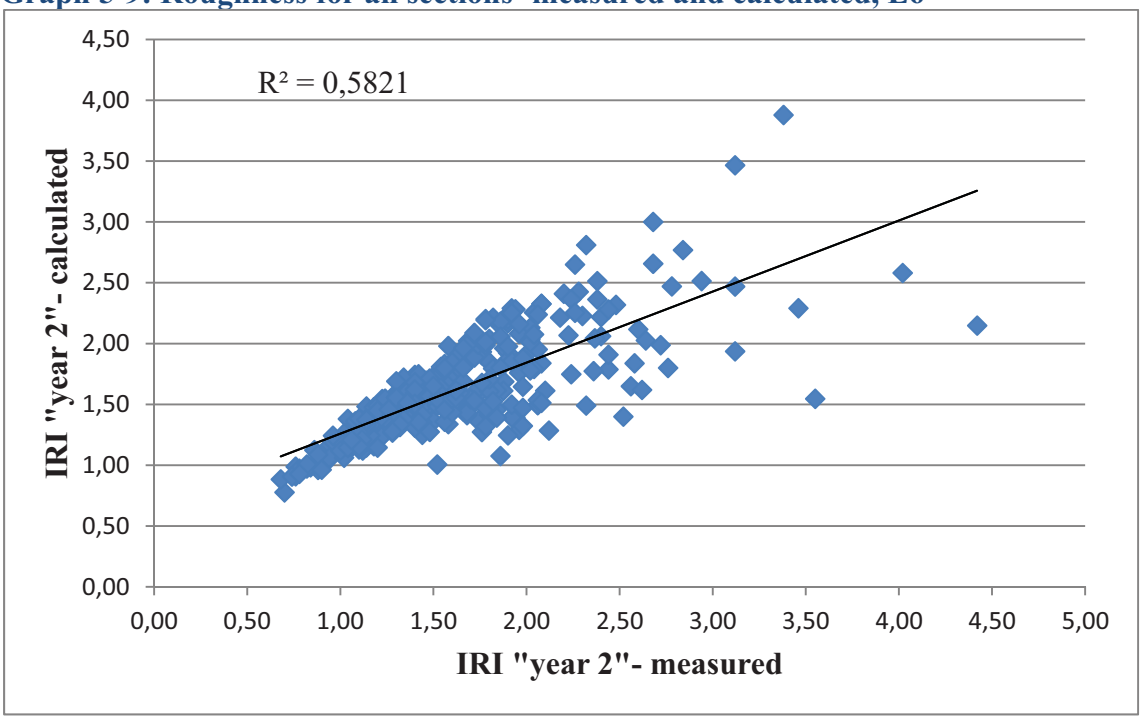
5.2.Results for the roughness- E6

Values used in this calculation were very simplified. That is why I have not suspected the good accuracy of that model. It covers 58,21 % of the data. It may be enough to further work with these calibration factors. However, more calculations can be run in order to get better curve- fit.

Table 5-7: Calibration factors K_{gs}, K_{gm}, K_{gr} for roughness, E6

Calibration factor	Value	R^2
K_{gs}	2,39	58,21 %
K_{gm}	3,872	
K_{gr}	1,189	

Graph 5-9: Roughness for all sections- measured and calculated, E6



Lower values of IRI have better curve-fit. They are closer to the trend line. The bigger values get, the bigger is difference between measured and calculated values.

6. CONCLUSIONS

6.1. General conclusions about the HDM-4 models

HDM-4 is the very complex road management model. It contains a really wide range of deterioration and auxiliary models. If calibrated in the good way to local conditions, it can become a very good tool for modern pavement management.

Only small part of HDM-4 models are being calibrated to Norwegian conditions. In this thesis, rutting and roughness deterioration models were calibrated. Rutting calculations showed very good correlation between the measured and calculated data and roughness calculations are also satisfactory. With use of ViaPPS for gathering road data, there would be possible also to calibrate the rest of the models, e.g. cracking or edge- break.

There are also another issues with the HDM-4 that demand further work. The climate models are not adjusted to Northern conditions. The changeable "m" does not fit for Norwegian climate, see Table 6-1. Some regions of Norway should be qualified as temperature cool or freeze and per- humid moisture classification. In these calculations "m" was equal to 0,05- for Temperature cool and Humid moisture conditions.

Table 6-1: Roughness environment coefficient 'm' by climate zones

Moisture classification	Temperature classification				
	Tropical	Sub-tropical hot	Sub-tropical cool	Temperature cool	Temperature freeze
Arid	0,005	0,010	0,015	0,020	0,030
Semi- arid	0,010	0,015	0,020	0,030	0,040
Sub- humid	0,020	0,025	0,030	0,040	0,050
Humid	0,025	0,030	0,040	0,050	0,060
Per- humid	0,030	0,040	0,050		

Source: NordFoU documentation (HDM-4's Pavement Performance Model- equations, complied by Adriana Hudecz)

Another issue that is not taken into account in detailed way, is traffic. The percentage of heavy traffic has a big influence on pavement's performance. It is significant e.g. for edge-breaks, which are caused mainly by trucks passing too close to lane's edge. Input data to HDM-4 concerning traffic are based on AADT and ESAL. The effect of heavy vehicles is considered using truck equivalency factors that are default values. It might be interesting to

work with axle load spectra than just use equivalent single axle load. The effect of studded tyres is taken into account.

6.2.Conclusions regarding rutting calculations

Table 6-2 shows compared values for calibration factor for surface wear. Default value in the model is 0,31. All calibrated values are bigger than that. In the program for one calculation there is only one value of K_{rsw}. The age of the pavement has no influence on that. That is why comparison of K_{rsw} values depending of pavement's age is more theoretical than practical. For the first method of calculating SNP, the average K_{rsw} value is 2,267 and for the second method- 2,348. For simplifying, we can assume that K_{rsw} value equals to 2,3 in all cases for main roads. The relevance of a model would remain almost the same.

As far as regional roads are concerned, models show less accuracy than in case of main roads. The average value of K_{rsw} is 8,688. The values of calibration factor for regional roads are bigger than for main roads. It is because percentage of passing cars with studded tyres is higher for regional roads.

Table 6-2: Comparison of values of calibration factor K_{rsw}

Situation	Value	R^2
Default in the model	0,31	-
E6- SNP with method 1, pavement's age ≤ 1 year	2,289	94,29 %
E6- SNP with method 1, pavement's age > 1 year	2,245	94,07 %
E6- SNP with method 2, pavement's age ≤ 1 year	2,351	93,4 %
E6- SNP with method 2, pavement's age > 1 year	2,345	94,12 %
Fv 704, pavement's age ≤ 1 year	9,551	59,58 %
Fv 704, pavement's age > 1 year	7,824	88,18 %

All values shown in Table 6-3 are the minimal values assumed while calculating in Solver. Their contribution to total change in rut depth is almost negligible.

Table 6-3: Comparison of values of calibration factors K_{rid}

Situation	K_{rid}	K_{rst}
Default in the model	0,1	0,94
E6- SNP with method 1	0,1	0,1
E6- SNP with method 2	0,1	0,1
Fv 704	0,1	0,1

Surprisingly, the accuracy of models for E6 is better for the first method of calculating SNP. I have suspected, that it would be smaller due to many assumptions made while

calculating. It is probably because of the more specific description of the pavement structure with layer thicknesses and their coefficients, than just with the measured deflection.

6.3.Conclusions for calculating roughness

The R^2 value of the roughness model is 58,21 %, see Graph 5-9. That is quite reasonable value as for the roughness models given that roughness varies a lot. As I wrote earlier, the changes in roughness are harder to determine than changes in rutting. It may be due to three calibration factors. In calculations of rutting there are just two factors to determine.

I think that better accuracy could be gained with calculating for smaller sections, e.g. 20 m. That can be also convenient because it is an output from ViaPPS so it would not need further processing.

The interesting thing is that when the value of IRI is higher, the error is bigger. In Graph 5-9 we can see that low values are closer to trend line than big ones. It may be because of very different local conditions.

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Appendix 1

Comparison of IRI on E6

No	From		Til		Felt, lane	IRI 2004	ΔRI 04-05	IRI 2005	ΔRI 05-06	IRI 2006	ΔRI 06-07	IRI 2007	ΔRI 07-08	IRI 2008	ΔRI 08-09	IRI 2009	ΔRI 09-10	IRI 2010	ΔRI 10-11	IRI 2011
	Hp	M	Hp	M																
1	8	10000	8	10100	1	1,00	0,84	1,84	0,46	2,30	-0,94	1,36	0,00	1,36	-0,18	1,18	0,60	1,78	-0,03	1,75
2	8	10100	8	10200	1	1,02	-0,16	0,86	0,08	0,94	0,30	1,24	0,04	1,28	-0,12	1,16	0,40	1,56	0,46	2,02
3	8	10200	8	10300	1	1,08	0,04	1,12	0,26	1,38	-0,20	1,18	0,08	1,26	0,14	1,40	0,62	2,02	-0,16	1,86
4	8	10300	8	10400	1	1,48	0,13	1,62	-0,37	1,25	0,22	1,47	-0,35	1,12	0,56	1,68	-0,16	1,52	0,85	2,37
5	8	10000	8	10100	2	1,95	0,72	2,67	-0,17	2,50	-0,80	1,70	0,26	1,96	0,77	2,73	--	--	--	2,36
6	8	10100	8	10200	2	1,10	0,12	1,22	-0,18	1,04	-0,20	0,84	0,18	1,02	0,94	1,96	--	--	--	1,30
7	8	10200	8	10300	2	1,62	-0,56	1,06	0,44	1,50	-0,16	1,34	-0,08	1,26	0,40	1,66	--	--	--	1,86
8	8	10300	8	10400	2	1,65	0,15	1,80	-0,18	1,62	-0,38	1,23	2,32	3,55	-1,87	1,68	--	--	--	1,82
9	9	0	9	100	1	1,5	-0,20	1,30	-0,20	1,10	0,64	1,74	-0,29	1,45	0,21	1,66	-0,23	1,43	-0,16	1,28
10	9	100	9	200	1	1,42	-0,36	1,06	0,16	1,22	0,08	1,30	0,20	1,50	0,50	2,00	-0,90	1,10	0,24	1,34
11	9	200	9	300	1	1,68	0,30	1,98	-0,78	1,20	-0,24	0,96	0,14	1,10	0,34	1,44	-0,20	1,24	0,36	1,60
12	9	300	9	400	1	2,3	-0,18	2,12	-0,36	1,76	0,14	1,90	-0,06	1,84	0,64	2,48	-1,64	0,84	1,02	1,86
13	9	400	9	500	1	1,34	0,16	1,50	0,08	1,58	0,10	1,68	0,12	1,80	0,38	2,18	-0,54	1,64	0,14	1,78
14	9	500	9	600	1	1,86	-0,42	1,44	-0,06	1,38	0,02	1,40	0,12	1,52	0,56	2,08	-0,62	1,46	-0,52	0,94
15	9	600	9	700	1	1,18	-0,02	1,16	-0,24	0,92	0,04	0,96	0,10	1,06	0,28	1,34	-0,22	1,12	1,40	2,52
16	9	700	9	800	1	1,04	1,46	2,50	-0,30	2,20	-0,36	1,84	0,08	1,92	0,86	2,78	-1,46	1,32	0,18	1,50
17	9	800	9	900	1	1,36	-0,18	1,18	-0,26	0,92	0,10	1,02	0,16	1,18	0,12	1,30	-0,28	1,02	0,96	1,98
18	9	900	9	1000	1	1,6	-0,42	1,18	-0,36	0,82	0,04	0,86	0,32	1,18	0,34	1,52	-0,48	1,04	0,28	1,32
19	9	1000	9	1100	1	--	--	1,08	-0,30	0,78	0,12	0,90	0,26	1,16	0,42	1,58	0,42	2,00	-0,80	1,20
20	9	1100	9	1200	1	--	--	1,32	-0,52	0,80	0,20	1,00	0,28	1,28	0,22	1,50	0,16	1,66	-0,22	1,44
21	9	1200	9	1300	1	--	--	1,22	-0,44	0,78	0,16	0,94	0,08	1,02	0,56	1,58	-0,30	1,28	0,12	1,40
22	9	1300	9	1400	1	--	--	1,22	-0,18	1,04	0,18	1,22	-0,04	1,18	0,66	1,84	0,74	2,58	-0,80	1,78
23	9	1400	9	1500	1	--	--	1,52	0,12	1,64	-0,14	1,50	-0,16	1,34	-0,14	1,20	1,18	2,38	-0,34	2,04
24	9	1500	9	1600	1	--	--	0,72	0,04	0,76	0,02	0,78	0,04	0,82	0,40	1,22	1,10	2,32	-1,16	1,16
25	9	1600	9	1700	1	--	--	0,60	0,10	0,70	-0,02	0,68	0,00	0,68	0,36	1,04	0,44	1,48	-0,10	1,38
26	9	1700	9	1800	1	--	--	0,90	-0,04	0,86	0,02	0,88	0,14	1,02	0,36	1,38	0,02	1,40	0,40	1,80
27	9	1800	9	1900	1	--	--	1,08	0,12	1,20	-0,16	1,04	-0,02	1,02	0,18	1,20	0,78	1,98	-0,64	1,34
28	9	1900	9	2000	1	--	--	0,80	0,00	0,80	0,00	0,80	-0,02	0,78	0,26	1,04	0,24	1,28	0,34	1,62
29	9	2000	9	2100	1	--	--	0,80	0,02	0,82	-0,02	0,80	0,02	0,82	0,46	1,28	0,02	1,30	-0,26	1,04
30	9	2100	9	2200	1	--	--	1,42	-0,04	1,38	0,18	1,56	0,16	1,72	1,04	2,76	-1,28	1,48	0,38	1,86
31	9	2200	9	2300	1	--	--	1,48	-0,24	1,24	-0,24	1,00	0,06	1,06	0,16	1,22	-0,18	1,04	0,24	1,28

No	From		Til		Felt, lane	IRI 2004	ΔRI 04-05	IRI 2005	ΔRI 05-06	IRI 2006	ΔRI 06-07	IRI 2007	ΔRI 07-08	IRI 2008	ΔRI 08-09	IRI 2009	ΔRI 09-10	IRI 2010	ΔRI 10-11	IRI 2011
	Hp	M	Hp	M																
32	9	2300	9	2400	1	--	--	1,12	-0,38	0,74	-0,02	0,72	0,06	0,78	0,32	1,10	0,74	1,84	-0,76	1,08
33	9	2400	9	2500	1	--	--	1,62	-0,60	1,02	-0,08	0,94	-0,16	0,78	0,74	1,52	-0,50	1,02	0,42	1,44
34	9	2500	9	2600	1	--	--	1,36	-0,14	1,22	0,44	1,66	-0,22	1,44	0,12	1,56	0,22	1,78	-0,40	1,38
35	9	2600	9	2700	1	--	--	1,36	-0,02	1,34	0,22	1,56	-0,16	1,40	1,04	2,44	-0,40	2,04	-0,30	1,74
36	9	2700	9	2800	1	--	--	1,90	-0,36	1,54	0,22	1,76	0,08	1,84	0,22	2,06	-0,50	1,56	1,08	2,64
37	9	2800	9	2900	1	--	--	1,32	-0,60	0,72	0,02	0,74	0,16	0,90	0,30	1,20	0,52	1,72	0,24	1,96
38	9	2900	9	3000	1	--	--	1,52	-0,14	1,38	-0,04	1,34	-0,08	1,26	0,84	2,10	-0,30	1,80	-0,16	1,64
39	9	3000	9	3100	1	--	--	2,58	-0,78	1,80	-0,28	1,52	0,48	2,00	0,38	2,38	0,30	2,68	-0,50	2,18
40	9	3100	9	3250	1	--	--	2,21	-0,26	1,95	-0,31	1,64	0,05	1,69	0,54	2,23	-0,45	1,78	-0,16	1,61
41	9	0	9	100	2	1,3	-0,08	1,22	0,18	1,40	0,23	1,63	-0,23	1,40	0,94	2,34	-1,24	1,10	0,33	1,43
42	9	100	9	200	2	2,16	-0,60	1,56	0,34	1,90	0,18	2,08	-0,04	2,04	-0,04	2,00	-0,90	1,10	0,38	1,48
43	9	200	9	300	2	1,68	0,06	1,74	-0,48	1,26	-0,14	1,12	0,10	1,22	0,28	1,50	-0,40	1,10	0,44	1,54
44	9	300	9	400	2	2	0,50	2,50	-0,70	1,80	0,08	1,88	0,06	1,94	0,26	2,20	-1,10	1,10	0,38	1,48
45	9	400	9	500	2	1,72	-0,18	1,54	0,22	1,76	-0,06	1,70	-0,10	1,60	0,46	2,06	-0,96	1,10	0,04	1,14
46	9	500	9	600	2	1,96	-0,54	1,42	0,06	1,48	-0,04	1,44	0,00	1,44	0,38	1,82	-0,72	1,10	0,92	2,02
47	9	600	9	700	2	1,48	-0,14	1,34	-0,26	1,08	0,08	1,16	0,04	1,20	0,14	1,34	-0,24	1,10	0,52	1,62
48	9	700	9	800	2	1,28	0,52	1,80	-0,50	1,30	0,16	1,46	-0,18	1,28	0,24	1,52	0,02	1,54	0,16	1,70
49	9	800	9	900	2	1,4	-0,16	1,24	-0,12	1,12	-0,04	1,08	0,18	1,26	1,30	2,56	-1,22	1,34	0,86	2,20
50	9	900	9	1000	2	2,8	-1,50	1,30	-0,46	0,84	0,28	1,12	-0,18	0,94	0,50	1,44	-0,12	1,32	2,04	3,36
51	9	1000	9	1100	2	--	--	1,26	-0,32	0,94	0,36	1,30	-0,12	1,18	0,52	1,70	-0,62	1,08	1,04	2,12
52	9	1100	9	1200	2	--	--	1,42	-0,32	1,10	0,22	1,32	0,02	1,34	0,62	1,96	-0,26	1,70	1,08	2,78
53	9	1200	9	1300	2	--	--	1,54	-0,70	0,84	0,22	1,06	-0,06	1,00	0,32	1,32	0,84	2,16	-0,74	1,42
54	9	1300	9	1400	2	--	--	1,42	0,24	1,66	0,36	2,02	-0,60	1,42	0,62	2,04	0,34	2,38	-0,08	2,30
55	9	1400	9	1500	2	--	--	1,12	-0,10	1,02	0,28	1,30	-0,08	1,22	0,66	1,88	0,62	2,50	0,10	2,60
56	9	1500	9	1600	2	--	--	0,56	0,12	0,68	0,16	0,84	0,16	1,00	0,92	1,92	-0,32	1,60	0,22	1,82
57	9	1600	9	1700	2	--	--	0,78	0,14	0,92	0,24	1,16	0,12	1,28	0,02	1,30	0,28	1,58	0,42	2,00
58	9	1700	9	1800	2	--	--	0,90	-0,14	0,76	0,36	1,12	-0,14	0,98	0,58	1,56	-0,46	1,10	0,16	1,26
59	9	1800	9	1900	2	--	--	0,98	0,06	1,04	0,34	1,38	-0,14	1,24	-0,08	1,16	0,54	1,70	0,56	2,26
60	9	1900	9	2000	2	--	--	0,66	0,10	0,76	0,34	1,10	0,00	1,10	0,56	1,66	-0,24	1,42	0,36	1,78
61	9	2000	9	2100	2	--	--	0,64	0,24	0,88	0,24	1,12	-0,04	1,08	0,98	2,06	-0,84	1,22	1,14	2,36
62	9	2100	9	2200	2	--	--	0,88	0,26	1,14	0,28	1,42	0,38	1,80	1,66	3,46	-1,16	2,30	0,00	2,30

No	From		Til		Felt, lane	IRI 2004	ΔRI 04-05	IRI 2005	ΔRI 05-06	IRI 2006	ΔRI 06-07	IRI 2007	ΔRI 07-08	IRI 2008	ΔRI 08-09	IRI 2009	ΔRI 09-10	IRI 2010	ΔRI 10-11	IRI 2011
	Hp	M	Hp	M																
63	9	2200	9	2300	2	--	--	2,38	-1,08	1,30	-0,22	1,08	0,18	1,26	0,72	1,98	-0,14	1,84	-0,58	1,26
64	9	2300	9	2400	2	--	--	1,62	-0,54	1,08	0,34	1,42	-0,20	1,22	0,84	2,06	0,10	2,16	-0,68	1,48
65	9	2400	9	2500	2	--	--	1,56	-0,68	0,88	0,00	0,88	0,12	1,00	0,40	1,40	-0,10	1,30	0,12	1,42
66	9	2500	9	2600	2	--	--	0,96	-0,08	0,88	0,16	1,04	0,06	1,10	0,12	1,22	0,20	1,42	0,18	1,60
67	9	2600	9	2700	2	--	--	1,72	-0,70	1,02	0,06	1,08	-0,12	0,96	1,16	2,12	-0,04	2,08	-0,06	2,02
68	9	2700	9	2800	2	--	--	2,42	-1,34	1,08	0,04	1,12	0,14	1,26	1,36	2,62	-0,76	1,86	-0,16	1,70
69	9	2800	9	2900	2	--	--	1,66	-0,22	1,44	-0,20	1,24	0,12	1,36	-0,10	1,26	0,72	1,98	-0,16	1,82
70	9	2900	9	3000	2	--	--	1,40	-0,36	1,04	0,10	1,14	0,00	1,14	0,06	1,20	0,44	1,64	-0,14	1,50
71	9	3000	9	3100	2	--	--	2,02	-0,14	1,88	-0,12	1,76	0,14	1,90	0,48	2,38	-0,12	2,26	-0,22	2,04
72	9	3100	9	3250	2	--	--	1,70	-0,49	1,21	0,01	1,23	0,05	1,28	0,60	1,88	-0,30	1,57	0,85	2,43
73	10	0	10	100	1	--	--	1,86	-0,90	0,96	0,26	1,22	0,24	1,46	-0,04	1,42	-0,17	1,25	0,37	1,62
74	10	100	10	200	1	--	--	1,96	-1,10	0,86	0,18	1,04	0,10	1,14	0,54	1,68	0,04	1,72	0,06	1,78
75	10	200	10	300	1	--	--	1,74	0,06	1,80	0,24	2,04	-0,24	1,8	0,44	2,24	-0,94	1,30	0,36	1,66
76	10	300	10	400	1	--	--	1,74	-0,52	1,22	0,32	1,54	0,04	1,58	1,02	2,60	-1,46	1,14	0,26	1,40
77	10	400	10	500	1	--	--	1,64	-0,16	1,48	-0,08	1,40	0,14	1,54	0,90	2,44	-0,72	1,72	-0,32	1,40
78	10	500	10	600	1	--	--	1,90	-0,76	1,14	0,52	1,66	-0,26	1,4	0,96	2,36	-0,06	2,30	-0,62	1,68
79	10	600	10	700	1	--	--	1,30	-0,16	1,14	0,30	1,44	0,12	1,56	0,12	1,68	-0,10	1,58	-0,32	1,26
80	10	700	10	800	1	--	--	1,34	-0,38	0,96	0,26	1,22	0,52	1,74	0,12	1,86	-0,30	1,56	1,16	2,72
81	10	800	10	900	1	--	--	0,92	-0,10	0,82	0,12	0,94	0,02	0,96	0,80	1,76	0,10	1,86	-0,76	1,10
82	10	900	10	1000	1	--	--	1,26	-0,20	1,06	0,00	1,06	0,02	1,08	0,72	1,80	0,04	1,84	-0,46	1,38
83	10	1000	10	1100	1	--	--	2,48	-1,12	1,36	0,26	1,62	0,00	1,62	0,78	2,40	-0,36	2,04	-0,42	1,62
84	10	1100	10	1200	1	--	--	2,54	-0,34	2,20	-0,62	1,58	0,44	2,02	0,92	2,94	-1,14	1,80	0,64	2,44
85	10	1200	10	1300	1	--	--	1,60	-0,48	1,12	0,02	1,14	0,12	1,26	0,16	1,42	0,46	1,88	-0,44	1,44
86	10	1300	10	1400	1	--	--	1,32	-0,28	1,04	0,14	1,18	0,28	1,46	1,30	2,76	-0,80	1,96	-0,40	1,56
87	10	1400	10	1500	1	--	--	1,86	-0,12	1,74	0,66	2,40	-0,26	2,14	0,12	2,26	-0,82	1,44	0,54	1,98
88	10	1500	10	1600	1	--	--	1,56	-0,50	1,06	0,12	1,18	0,00	1,18	-0,04	1,14	-0,30	0,84	0,26	1,10
89	10	1600	10	1700	1	--	--	1,32	-0,38	0,94	0,10	1,04	0,10	1,14	0,38	1,52	-0,64	0,88	0,18	1,06
90	10	1700	10	1800	1	--	--	1,42	-0,36	1,06	0,00	1,06	0,08	1,14	0,66	1,80	-0,70	1,10	0,16	1,26
91	10	1800	10	1900	1	--	--	1,82	-0,48	1,34	0,18	1,52	-0,18	1,34	0,14	1,48	-0,58	0,90	1,00	1,90
92	10	1900	10	2000	1	--	--	1,96	-0,44	1,52	0,00	1,52	-0,06	1,46	-0,06	1,40	-0,42	0,98	0,80	1,78
93	10	2000	10	2100	1	--	--	1,84	-0,48	1,36	0,04	1,40	-0,16	1,24	0,30	1,54	-0,40	1,14	0,22	1,36

No	From		Til		Felt, lane	IRI 2004	ΔRI 04-05	IRI 2005	ΔRI 05-06	IRI 2006	ΔRI 06-07	IRI 2007	ΔRI 07-08	IRI 2008	ΔRI 08-09	IRI 2009	ΔRI 09-10	IRI 2010	ΔRI 10-11	IRI 2011
	Hp	M	Hp	M																
94	10	2100	10	2200	1	--	--	1,90	-0,66	1,24	0,10	1,34	-0,16	1,18	0,74	1,92	-0,78	1,14	0,68	1,82
95	10	2200	10	2300	1	--	--	1,80	-0,52	1,28	-0,22	1,06	0,38	1,44	-0,10	1,34	0,00	1,34	-0,40	0,94
96	10	2300	10	2400	1	--	--	1,66	-0,42	1,24	0,08	1,32	-0,08	1,24	0,60	1,84	-0,26	1,58	0,08	1,66
97	10	2400	10	2500	1	--	--	1,50	0,30	1,80	-0,52	1,28	0,44	1,72	2,70	4,42	-2,12	2,30	-0,24	2,06
98	10	2500	10	2600	1	--	--	2,52	-0,38	2,14	0,54	2,68	-0,24	2,44	-0,72	1,72	-0,28	1,44	1,14	2,58
99	10	2600	10	2700	1	--	--	1,28	0,10	1,38	-0,24	1,14	0,16	1,3	0,36	1,66	-0,42	1,24	0,52	1,76
100	10	2700	10	2800	1	--	--	1,90	-0,55	1,35	0,15	1,50	-0,05	1,45	0,43	1,88	-0,24	1,64	0,40	2,04
101	10	0	10	100	2	--	--	1,36	-0,14	1,22	-0,02	1,20	0,05	1,25	0,23	1,48	0,02	1,50	-0,24	1,26
102	10	100	10	200	2	--	--	1,60	-0,40	1,20	0,20	1,40	0,02	1,42	-0,26	1,16	-0,14	1,02	0,66	1,68
103	10	200	10	300	2	--	--	1,94	-0,22	1,72	0,06	1,78	0,04	1,82	0,44	2,26	0,14	2,40	-0,06	2,34
104	10	300	10	400	2	--	--	1,38	-0,10	1,28	-0,06	1,22	0,02	1,24	-0,16	1,08	0,96	2,04	-0,34	1,70
105	10	400	10	500	2	--	--	1,30	-0,22	1,08	0,16	1,24	-0,06	1,18	0,88	2,06	-0,84	1,22	0,26	1,48
106	10	500	10	600	2	--	--	1,36	-0,24	1,12	0,34	1,46	-0,04	1,42	0,50	1,92	-0,52	1,40	0,20	1,60
107	10	600	10	700	2	--	--	1,46	-0,30	1,16	-0,18	0,98	0,12	1,1	0,58	1,68	-0,38	1,30	0,30	1,60
108	10	700	10	800	2	--	--	1,44	-0,32	1,12	0,16	1,28	0,26	1,54	1,58	3,12	-1,12	2,00	0,38	2,38
109	10	800	10	900	2	--	--	1,50	-0,30	1,20	0,08	1,28	0,08	1,36	0,88	2,24	-1,04	1,20	0,42	1,62
110	10	900	10	1000	2	--	--	1,58	-0,40	1,18	0,08	1,26	-0,08	1,18	0,52	1,70	-0,48	1,22	0,10	1,32
111	10	1000	10	1100	2	--	--	2,30	-0,74	1,56	0,32	1,88	0,20	2,08	1,94	4,02	-2,42	1,60	0,60	2,20
112	10	1100	10	1200	2	--	--	1,72	0,28	2,00	-0,02	1,98	0,00	1,98	1,14	3,12	-0,78	2,34	-0,18	2,16
113	10	1200	10	1300	2	--	--	1,64	-0,60	1,04	0,08	1,12	0,16	1,28	0,34	1,62	-0,20	1,42	0,90	2,32
114	10	1300	10	1400	2	--	--	1,44	-0,34	1,10	0,84	1,94	0,34	2,28	0,04	2,32	-0,50	1,82	-0,16	1,66
115	10	1400	10	1500	2	--	--	1,66	-0,50	1,16	-0,08	1,08	0,16	1,24	0,84	2,08	-0,84	1,24	-0,22	1,02
116	10	1500	10	1600	2	--	--	1,44	-0,62	0,82	0,06	0,88	0,16	1,04	0,10	1,14	0,04	1,18	3,09	4,27
117	10	1600	10	1700	2	--	--	1,74	-0,66	1,08	0,00	1,08	0,02	1,1	0,50	1,60	-0,20	1,40	0,23	1,63
118	10	1700	10	1800	2	--	--	1,84	-0,64	1,20	0,20	1,40	-0,16	1,24	0,40	1,64	-0,26	1,38	-0,06	1,32
119	10	1800	10	1900	2	--	--	1,94	-0,74	1,20	0,12	1,32	-0,14	1,18	0,34	1,52	0,16	1,68	0,18	1,86
120	10	1900	10	2000	2	--	--	2,18	-0,92	1,26	0,22	1,48	0,12	1,6	0,26	1,86	-0,62	1,24	0,20	1,44
121	10	2000	10	2100	2	--	--	1,96	-0,90	1,06	0,08	1,14	0,00	1,14	0,16	1,30	-0,12	1,18	0,44	1,62
122	10	2100	10	2200	2	--	--	1,80	-0,64	1,16	0,02	1,18	-0,14	1,04	0,38	1,42	-0,04	1,38	-0,14	1,24
123	10	2200	10	2300	2	--	--	2,28	-0,94	1,34	0,08	1,42	0,14	1,56	0,34	1,90	-0,36	1,54	0,22	1,76
124	10	2300	10	2400	2	--	--	1,98	-0,64	1,34	0,26	1,60	0,14	1,74	-0,44	1,30	0,10	1,40	0,60	2,00

No	From		Til		Felt, lane	IRI 2004	ΔRI 04-05	IRI 2005	ΔRI 05-06	IRI 2006	ΔRI 06-07	IRI 2007	ΔRI 07-08	IRI 2008	ΔRI 08-09	IRI 2009	ΔRI 09-10	IRI 2010	ΔRI 10-11	IRI 2011
	Hp	M	Hp	M																
125	10	2400	10	2500	2	--	--	2,12	0,12	2,24	0,60	2,84	0,28	3,12	0,26	3,38	-1,80	1,58	0,62	2,20
126	10	2500	10	2600	2	--	--	3,30	-1,36	1,94	-0,70	1,24	-0,06	1,18	0,62	1,80	0,12	1,92	-0,40	1,52
127	10	2600	10	2700	2	--	--	2,04	-0,76	1,28	0,28	1,56	0,22	1,78	0,14	1,92	-0,12	1,80	0,44	2,24
128	10	2700	10	2800	2	--	--	1,34	-0,14	1,20	-0,20	1,00	-0,10	0,9	0,22	1,12	0,90	2,02	-0,10	1,92

Appendix 2

Comparison of rutting on E6

No	From		Til		Felt, lane	Rutting 2004	ΔRDM 04-05	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M																
1	8	10000	8	10100	1	8,00	8,40	16,40	1,00	17,40	-13,20	4,20	0,80	5,00	-0,30	4,70	2,28	6,98	1,18	8,16
2	8	10100	8	10200	1	6,80	1,40	8,20	2,80	11,00	-6,80	4,20	0,40	4,60	3,98	8,58	3,00	11,58	6,62	18,20
3	8	10200	8	10300	1	11,60	1,60	13,20	3,40	16,60	-11,40	5,20	2,40	7,60	3,72	11,32	4,72	16,04	3,86	19,90
4	8	10300	8	10400	1	10,83	0,00	10,83	4,50	15,33	-10,50	4,83	2,17	7,00	4,66	11,66	-0,71	10,95	9,87	20,82
5	8	10000	8	10100	2	10,50	2,50	13,00	-1,20	11,80	-8,20	3,60	2,20	5,80	-0,13	5,67	--	--	--	9,28
6	8	10100	8	10200	2	13,60	0,80	14,40	6,20	20,60	-15,60	5,00	2,40	7,40	2,96	10,36	--	--	--	10,46
7	8	10200	8	10300	2	14,80	3,00	17,80	4,00	21,80	-17,60	4,20	3,40	7,60	3,02	10,62	--	--	--	20,46
8	8	10300	8	10400	2	12,00	3,00	15,00	2,17	17,17	-13,00	4,17	3,33	7,50	3,20	10,70	--	--	--	19,70
9	9	0	9	100	1	10,67	1,93	12,60	2,15	14,75	1,65	16,40	1,80	18,20	3,22	21,42	-15,70	5,72	2,98	8,70
10	9	100	9	200	1	10,80	2,40	13,20	2,80	16,00	2,80	18,80	0,80	19,60	2,38	21,98	-15,90	6,08	2,38	8,46
11	9	200	9	300	1	23,40	2,00	25,40	-16,80	8,60	3,20	11,80	4,40	16,20	4,36	20,56	-15,02	5,54	2,76	8,30
12	9	300	9	400	1	17,00	2,20	19,20	-7,20	12,00	2,80	14,80	3,60	18,40	5,24	23,64	-18,00	5,64	2,62	8,26
13	9	400	9	500	1	12,00	3,20	15,20	1,00	16,20	4,00	20,20	1,20	21,40	2,70	24,10	-17,66	6,44	2,18	8,62
14	9	500	9	600	1	16,00	3,20	19,20	-5,20	14,00	3,60	17,60	2,00	19,60	0,78	20,38	-14,74	5,64	3,80	9,44
15	9	600	9	700	1	17,60	3,80	21,40	-14,60	6,80	4,40	11,20	3,80	15,00	4,24	19,24	-12,90	6,34	2,68	9,02
16	9	700	9	800	1	20,20	-1,20	19,00	-9,00	10,00	5,40	15,40	4,20	19,60	8,20	27,80	-20,98	6,82	3,06	9,88
17	9	800	9	900	1	20,80	5,20	26,00	-13,40	12,60	6,20	18,80	6,20	25,00	6,68	31,68	-25,12	6,56	4,30	10,86
18	9	900	9	1000	1	19,25	5,35	24,60	-12,60	12,00	6,60	18,60	5,80	24,40	8,82	33,22	-26,44	6,78	3,66	10,44
19	9	1000	9	1100	1	--	--	25,60	-12,20	13,40	7,00	20,40	7,80	28,20	7,12	35,32	-27,62	7,70	4,26	11,96
20	9	1100	9	1200	1	--	--	25,40	-12,20	13,20	7,00	20,20	6,40	26,60	5,06	31,66	-24,80	6,86	4,92	11,78
21	9	1200	9	1300	1	--	--	24,60	-11,20	13,40	5,40	18,80	6,40	25,20	5,40	30,60	-22,88	7,72	3,94	11,66
22	9	1300	9	1400	1	--	--	18,40	-5,60	12,80	6,00	18,80	4,80	23,60	1,64	25,24	-13,80	11,44	1,00	12,44
23	9	1400	9	1500	1	--	--	5,20	3,40	8,60	0,00	8,60	0,80	9,40	-0,96	8,44	-1,12	7,32	0,04	7,36
24	9	1500	9	1600	1	--	--	5,80	1,20	7,00	1,60	8,60	0,20	8,80	-1,82	6,98	0,74	7,72	1,76	9,48
25	9	1600	9	1700	1	--	--	4,80	2,00	6,80	1,60	8,40	-0,40	8,00	-2,32	5,68	0,90	6,58	1,84	8,42
26	9	1700	9	1800	1	--	--	5,40	1,20	6,60	-0,40	6,20	-0,60	5,60	-1,38	4,22	1,14	5,36	1,00	6,36
27	9	1800	9	1900	1	--	--	4,40	1,60	6,00	0,20	6,20	-0,40	5,80	-1,04	4,76	0,94	5,70	-0,72	4,98
28	9	1900	9	2000	1	--	--	5,80	1,60	7,40	1,40	8,80	-0,40	8,40	-3,06	5,34	0,84	6,18	0,68	6,86
29	9	2000	9	2100	1	--	--	6,00	0,80	6,80	0,40	7,20	0,80	8,00	-3,52	4,48	0,48	4,96	1,12	6,08
30	9	2100	9	2200	1	--	--	4,80	1,80	6,60	0,40	7,00	0,20	7,20	-2,96	4,24	-0,08	4,16	1,06	5,22
31	9	2200	9	2300	1	--	--	5,20	-0,20	5,00	1,00	6,00	0,00	6,00	-1,76	4,24	0,06	4,30	0,42	4,72
32	9	2300	9	2400	1	--	--	5,40	-0,40	5,00	0,60	5,60	0,80	6,40	-0,14	6,26	1,16	7,42	-2,72	4,70

No	From		Til		Felt, lane	Rutting 2004	ΔRDM 04-05	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M																
33	9	2400	9	2500	1	--	--	10,40	-3,80	6,60	0,00	6,60	1,20	7,80	1,96	9,76	4,40	14,16	-3,34	10,82
34	9	2500	9	2600	1	--	--	15,40	-8,20	7,20	3,20	10,40	3,20	13,60	2,46	16,06	4,40	20,46	2,26	22,72
35	9	2600	9	2700	1	--	--	18,00	-12,60	5,40	5,20	10,60	4,00	14,60	1,06	15,66	4,20	19,86	5,86	25,72
36	9	2700	9	2800	1	--	--	16,80	-12,20	4,60	4,00	8,60	3,00	11,60	1,26	12,86	4,22	17,08	6,70	23,78
37	9	2800	9	2900	1	--	--	14,60	-9,40	5,20	1,80	7,00	3,20	10,20	2,66	12,86	3,86	16,72	4,06	20,78
38	9	2900	9	3000	1	--	--	16,40	-12,00	4,40	3,40	7,80	3,20	11,00	2,66	13,66	4,28	17,94	5,00	22,94
39	9	3000	9	3100	1	--	--	21,20	-17,00	4,20	4,80	9,00	2,20	11,20	3,02	14,22	3,88	18,10	3,88	21,98
40	9	3100	9	3250	1	--	--	23,25	-18,50	4,75	5,63	10,38	3,05	13,43	2,45	15,88	4,25	20,13	4,58	24,70
41	9	0	9	100	2	12,20	1,13	13,33	3,07	16,40	2,60	19,00	2,50	21,50	-0,06	21,44	--	--	--	7,97
42	9	100	9	200	2	12,20	1,60	13,80	2,60	16,40	2,20	18,60	1,40	20,00	3,48	23,48	--	--	--	8,38
43	9	200	9	300	2	24,80	-1,60	23,20	-13,40	9,80	2,80	12,60	3,00	15,60	5,12	20,72	--	--	--	7,96
44	9	300	9	400	2	17,00	6,00	23,00	-11,40	11,60	2,60	14,20	1,60	15,80	4,28	20,08	--	--	--	7,76
45	9	400	9	500	2	10,20	0,80	11,00	3,00	14,00	1,60	15,60	1,60	17,20	1,74	18,94	--	--	--	7,14
46	9	500	9	600	2	11,20	0,60	11,80	-0,80	11,00	0,80	11,80	4,40	16,20	3,12	19,32	--	--	--	7,96
47	9	600	9	700	2	16,80	0,00	16,80	-8,00	8,80	6,00	14,80	4,80	19,60	2,40	22,00	--	--	--	9,30
48	9	700	9	800	2	23,40	-2,40	21,00	-10,20	10,80	6,60	17,40	5,80	23,20	3,18	26,38	--	--	--	10,32
49	9	800	9	900	2	24,80	1,60	26,40	-12,60	13,80	6,00	19,80	6,60	26,40	6,34	32,74	--	--	--	13,04
50	9	900	9	1000	2	23,80	2,80	26,60	-12,60	14,00	6,60	20,60	5,60	26,20	5,44	31,64	--	--	--	12,18
51	9	1000	9	1100	2	--	--	30,60	-16,80	13,80	8,80	22,60	5,20	27,80	5,72	33,52	--	--	--	12,84
52	9	1100	9	1200	2	--	--	31,00	-16,40	14,60	5,80	20,40	6,40	26,80	7,06	33,86	--	--	--	12,38
53	9	1200	9	1300	2	--	--	26,20	-13,80	12,40	6,80	19,20	6,40	25,60	5,34	30,94	--	--	--	12,84
54	9	1300	9	1400	2	--	--	23,80	-9,60	14,20	6,80	21,00	6,80	27,80	4,14	31,94	--	--	--	14,80
55	9	1400	9	1500	2	--	--	7,20	7,20	14,40	6,20	20,60	6,80	27,40	7,12	34,52	--	--	--	14,54
56	9	1500	9	1600	2	--	--	5,40	7,20	12,60	5,00	17,60	6,00	23,60	6,22	29,82	--	--	--	12,72
57	9	1600	9	1700	2	--	--	6,20	7,00	13,20	5,80	19,00	6,00	25,00	5,12	30,12	--	--	--	14,30
58	9	1700	9	1800	2	--	--	6,40	5,40	11,80	6,40	18,20	6,20	24,40	5,04	29,44	--	--	--	13,38
59	9	1800	9	1900	2	--	--	5,80	6,40	12,20	7,00	19,20	4,80	24,00	3,92	27,92	--	--	--	14,46
60	9	1900	9	2000	2	--	--	7,00	5,20	12,20	6,20	18,40	5,40	23,80	7,92	31,72	--	--	--	14,10
61	9	2000	9	2100	2	--	--	6,20	6,60	12,80	5,80	18,60	5,20	23,80	6,76	30,56	--	--	--	14,08
62	9	2100	9	2200	2	--	--	6,40	4,20	10,60	4,00	14,60	6,80	21,40	6,38	27,78	--	--	--	20,84
63	9	2200	9	2300	2	--	--	10,00	-5,60	4,40	4,80	9,20	4,40	13,60	6,36	19,96	--	--	--	27,68
64	9	2300	9	2400	2	--	--	11,00	-5,00	6,00	3,20	9,20	2,60	11,80	1,44	13,24	--	--	--	20,48

No	From		Til		Felt, lane	Rutting 2004	ΔRDM 04-05	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M																
65	9	2400	9	2500	2	--	--	17,60	-10,80	6,80	4,80	11,60	1,80	13,40	3,66	17,06	--	--	--	24,86
66	9	2500	9	2600	2	--	--	17,20	-4,80	12,40	5,60	18,00	3,00	21,00	2,72	23,72	--	--	--	31,48
67	9	2600	9	2700	2	--	--	17,00	-5,40	11,60	4,60	16,20	3,40	19,60	5,16	24,76	--	--	--	32,16
68	9	2700	9	2800	2	--	--	17,20	-8,00	9,20	4,20	13,40	3,20	16,60	4,50	21,10	--	--	--	28,60
69	9	2800	9	2900	2	--	--	15,00	-6,00	9,00	3,60	12,60	2,00	14,60	6,14	20,74	--	--	--	27,24
70	9	2900	9	3000	2	--	--	15,80	-8,40	7,40	4,20	11,60	3,00	14,60	3,42	18,02	--	--	--	25,82
71	9	3000	9	3100	2	--	--	15,40	-8,80	6,60	4,40	11,00	3,40	14,40	2,92	17,32	--	--	--	23,90
72	9	3100	9	3250	2	--	--	17,75	-10,25	7,50	4,38	11,88	3,50	15,38	3,91	19,29	--	--	--	27,70
73	10	0	10	100	1	--	--	18,4	-13,80	4,60	3,73	8,33	3,87	12,20	2,38	14,58	4,07	18,65	5,51	24,16
74	10	100	10	200	1	--	--	16,6	-12,00	4,60	4,20	8,80	2,80	11,60	2,22	13,82	3,70	17,52	6,36	23,88
75	10	200	10	300	1	--	--	18,4	-12,20	6,20	4,20	10,40	1,80	12,20	8,90	21,10	-12,38	8,72	9,80	18,52
76	10	300	10	400	1	--	--	19,4	-8,60	10,80	4,40	15,20	5,80	21,00	9,84	30,84	-21,40	9,44	5,02	14,46
77	10	400	10	500	1	--	--	20,4	-6,60	13,80	5,00	18,80	6,40	25,20	3,18	28,38	-19,50	8,88	8,04	16,92
78	10	500	10	600	1	--	--	20,2	-6,40	13,80	3,80	17,60	5,60	23,20	4,82	28,02	-19,52	8,5	6,08	14,58
79	10	600	10	700	1	--	--	19,8	-6,20	13,60	4,20	17,80	5,20	23,00	5,74	28,74	-19,72	9,02	5,70	14,72
80	10	700	10	800	1	--	--	17,6	-4,40	13,20	4,00	17,20	5,80	23,00	4,70	27,70	-17,84	9,86	5,60	15,46
81	10	800	10	900	1	--	--	18,8	-5,00	13,80	3,80	17,60	5,60	23,20	5,84	29,04	-18,22	10,82	6,82	17,64
82	10	900	10	1000	1	--	--	22,6	-8,00	14,60	5,80	20,40	4,40	24,80	5,70	30,50	-20,10	10,4	7,80	18,2
83	10	1000	10	1100	1	--	--	24,4	-10,40	14,00	6,40	20,40	6,00	26,40	5,70	32,10	-21,24	10,86	7,56	18,42
84	10	1100	10	1200	1	--	--	21,6	-7,40	14,20	4,40	18,60	6,80	25,40	4,68	30,08	-17,94	12,14	5,92	18,06
85	10	1200	10	1300	1	--	--	19,4	-6,20	13,20	6,60	19,80	5,00	24,80	5,04	29,84	-17,66	12,18	6,94	19,12
86	10	1300	10	1400	1	--	--	18	-5,80	12,20	7,80	20,00	4,60	24,60	2,08	26,68	-13,92	12,76	6,80	19,56
87	10	1400	10	1500	1	--	--	18,6	-5,80	12,80	6,40	19,20	4,20	23,40	4,08	27,48	-14,80	12,68	6,94	19,62
88	10	1500	10	1600	1	--	--	18,6	-5,00	13,60	6,00	19,60	4,40	24,00	4,92	28,92	-16,36	12,56	6,36	18,92
89	10	1600	10	1700	1	--	--	19,4	-4,80	14,60	6,20	20,80	4,00	24,80	5,86	30,66	-17,84	12,82	7,04	19,86
90	10	1700	10	1800	1	--	--	20	-4,80	15,20	5,20	20,40	4,40	24,80	5,20	30,00	-17,10	12,9	6,58	19,48
91	10	1800	10	1900	1	--	--	20	-5,20	14,80	5,60	20,40	4,60	25,00	4,88	29,88	-17,70	12,18	7,38	19,56
92	10	1900	10	2000	1	--	--	17	-2,60	14,40	5,80	20,20	4,40	24,60	3,30	27,90	-15,32	12,58	6,12	18,7
93	10	2000	10	2100	1	--	--	18,8	-4,80	14,00	5,60	19,60	4,20	23,80	4,68	28,48	-15,10	13,38	7,10	20,48
94	10	2100	10	2200	1	--	--	17,8	-3,60	14,20	4,80	19,00	4,40	23,40	3,74	27,14	-14,40	12,74	7,04	19,78
95	10	2200	10	2300	1	--	--	16	-2,80	13,20	4,80	18,00	4,00	22,00	2,60	24,60	-12,70	11,9	4,48	16,38
96	10	2300	10	2400	1	--	--	18	-4,60	13,40	4,20	17,60	3,20	20,80	6,30	27,10	-11,28	15,82	3,46	19,28

No	From		Til		Felt, lane	Rutting 2004	ΔRDM 04-05	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M																
97	10	2400	10	2500	1	--	--	22	-6,60	15,40	4,80	20,20	3,40	23,60	4,40	28,00	-18,46	9,54	10,70	20,24
98	10	2500	10	2600	1	--	--	18,6	-4,00	14,60	4,40	19,00	3,20	22,20	6,48	28,68	-19,26	9,42	4,58	14
99	10	2600	10	2700	1	--	--	19,4	-3,20	16,20	4,60	20,80	4,60	25,40	4,14	29,54	-21,58	7,96	5,62	13,58
100	10	2700	10	2800	1	--	--	20	-3,17	16,83	4,97	21,80	3,87	25,67	4,45	30,12	-22,72	7,4	4,24	11,64
101	10	0	10	100	2	--	--	16,2	-9,20	7,00	4,83	11,83	3,67	15,50	3,38	18,88	--	--	--	27,6
102	10	100	10	200	2	--	--	16,2	-9,00	7,20	5,00	12,20	3,40	15,60	2,30	17,90	--	--	--	27,12
103	10	200	10	300	2	--	--	17,4	-5,00	12,40	6,00	18,40	2,80	21,20	2,20	23,40	--	--	--	23,72
104	10	300	10	400	2	--	--	24,4	-7,80	16,60	5,60	22,20	3,80	26,00	5,12	31,12	--	--	--	14,94
105	10	400	10	500	2	--	--	23,4	-5,60	17,80	5,80	23,60	3,00	26,60	5,74	32,34	--	--	--	15,62
106	10	500	10	600	2	--	--	22	-5,80	16,20	6,20	22,40	4,00	26,40	7,40	33,80	--	--	--	15,04
107	10	600	10	700	2	--	--	20,6	-4,00	16,60	4,00	20,60	4,60	25,20	5,40	30,60	--	--	--	15
108	10	700	10	800	2	--	--	21,4	-3,80	17,60	5,00	22,60	4,80	27,40	4,16	31,56	--	--	--	15,02
109	10	800	10	900	2	--	--	22,2	-5,40	16,80	5,00	21,80	3,40	25,20	5,54	30,74	--	--	--	13,9
110	10	900	10	1000	2	--	--	21,8	-5,40	16,40	3,80	20,20	3,80	24,00	6,12	30,12	--	--	--	13,98
111	10	1000	10	1100	2	--	--	19,2	-4,20	15,00	4,60	19,60	3,80	23,40	4,46	27,86	--	--	--	13,48
112	10	1100	10	1200	2	--	--	19,8	-4,40	15,40	4,20	19,60	3,80	23,40	4,88	28,28	--	--	--	16,72
113	10	1200	10	1300	2	--	--	19,2	-3,80	15,40	3,20	18,60	4,40	23,00	3,48	26,48	--	--	--	17,32
114	10	1300	10	1400	2	--	--	18,8333	-3,83	15,00	3,20	18,20	4,60	22,80	3,42	26,22	--	--	--	17,84
115	10	1400	10	1500	2	--	--	21	-5,00	16,00	3,60	19,60	3,60	23,20	0,30	23,50	--	--	--	18,76
116	10	1500	10	1600	2	--	--	20,2	-5,80	14,40	4,60	19,00	3,80	22,80	5,44	28,24	--	--	--	18,4
117	10	1600	10	1700	2	--	--	21	-6,00	15,00	4,40	19,40	4,20	23,60	5,54	29,14	--	--	--	17,95
118	10	1700	10	1800	2	--	--	20,6	-5,40	15,20	4,60	19,80	4,80	24,60	5,06	29,66	--	--	--	16,88
119	10	1800	10	1900	2	--	--	20,6	-4,40	16,20	4,40	20,60	3,60	24,20	5,86	30,06	--	--	--	19,34
120	10	1900	10	2000	2	--	--	21,4	-6,00	15,40	3,40	18,80	3,00	21,80	5,98	27,78	--	--	--	18,14
121	10	2000	10	2100	2	--	--	20,8	-5,40	15,40	5,40	20,80	4,40	25,20	2,70	27,90	--	--	--	19,06
122	10	2100	10	2200	2	--	--	22,2	-4,40	17,80	4,00	21,80	4,20	26,00	4,74	30,74	--	--	--	19,42
123	10	2200	10	2300	2	--	--	23,6	-6,40	17,20	4,60	21,80	4,20	26,00	5,16	31,16	--	--	--	19,88
124	10	2300	10	2400	2	--	--	27,8	-6,00	21,80	4,40	26,20	3,60	29,80	5,92	35,72	--	--	--	24,46
125	10	2400	10	2500	2	--	--	27	-7,00	20,00	4,20	24,20	3,20	27,40	6,90	34,30	--	--	--	19,54
126	10	2500	10	2600	2	--	--	18,6	-1,20	17,40	1,80	19,20	1,40	20,60	7,04	27,64	--	--	--	12,9
127	10	2600	10	2700	2	--	--	19,4	-2,80	16,60	5,00	21,60	3,80	25,40	2,42	27,82	--	--	--	16,12
128	10	2700	10	2800	2	--	--	23,6	-3,93	19,67	4,33	24,00	5,40	29,40	5,10	34,50	--	--	--	13,32

Appendix 3

Comparison of AADT on E6

	From		Til		Felt,	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic
No	Hp	M	Hp	M	lane	2004	2005	2006	2007	2008	2009	2010	2011
1	8	10000	8	10100	1	12738	12998	13264	13534	13811	14092	14380	14668
2	8	10100	8	10200	1	12738	12998	13264	13534	13811	14092	14380	14668
3	8	10200	8	10300	1	12738	12998	13264	13534	13811	14092	14380	14668
4	8	10300	8	10400	1	12738	12998	13264	13534	13811	14092	14380	14668
5	8	10000	8	10100	2	12738	12998	13264	13534	13811	14092	14380	14668
6	8	10100	8	10200	2	12738	12998	13264	13534	13811	14092	14380	14668
7	8	10200	8	10300	2	12738	12998	13264	13534	13811	14092	14380	14668
8	8	10300	8	10400	2	12738	12998	13264	13534	13811	14092	14380	14668
9	9	0	9	100	1	12738	12998	13264	13534	13811	14092	14380	14668
10	9	100	9	200	1	12738	12998	13264	13534	13811	14092	14380	14668
11	9	200	9	300	1	12738	12998	13264	13534	13811	14092	14380	14668
12	9	300	9	400	1	12738	12998	13264	13534	13811	14092	14380	14668
13	9	400	9	500	1	12738	12998	13264	13534	13811	14092	14380	14668
14	9	500	9	600	1	12738	12998	13264	13534	13811	14092	14380	14668
15	9	600	9	700	1	12738	12998	13264	13534	13811	14092	14380	14668
16	9	700	9	800	1	18930	19317	19711	20113	20524	20943	21370	21797
17	9	800	9	900	1	18930	19317	19711	20113	20524	20943	21370	21797
18	9	900	9	1000	1	18930	19317	19711	20113	20524	20943	21370	21797
19	9	1000	9	1100	1	18930	19317	19711	20113	20524	20943	21370	21797
20	9	1100	9	1200	1	18930	19317	19711	20113	20524	20943	21370	21797
21	9	1200	9	1300	1	18930	19317	19711	20113	20524	20943	21370	21797
22	9	1300	9	1400	1	18930	19317	19711	20113	20524	20943	21370	21797
23	9	1400	9	1500	1	18930	19317	19711	20113	20524	20943	21370	21797
24	9	1500	9	1600	1	18930	19317	19711	20113	20524	20943	21370	21797
25	9	1600	9	1700	1	18930	19317	19711	20113	20524	20943	21370	21797
26	9	1700	9	1800	1	18868	19254	19646	20047	20457	20874	21300	21726
27	9	1800	9	1900	1	18868	19254	19646	20047	20457	20874	21300	21726
28	9	1900	9	2000	1	18868	19254	19646	20047	20457	20874	21300	21726
29	9	2000	9	2100	1	18868	19254	19646	20047	20457	20874	21300	21726
30	9	2100	9	2200	1	18868	19254	19646	20047	20457	20874	21300	21726
31	9	2200	9	2300	1	18868	19254	19646	20047	20457	20874	21300	21726
32	9	2300	9	2400	1	18868	19254	19646	20047	20457	20874	21300	21726
33	9	2400	9	2500	1	18868	19254	19646	20047	20457	20874	21300	21726
34	9	2500	9	2600	1	18868	19254	19646	20047	20457	20874	21300	21726
35	9	2600	9	2700	1	18868	19254	19646	20047	20457	20874	21300	21726
36	9	2700	9	2800	1	18868	19254	19646	20047	20457	20874	21300	21726
37	9	2800	9	2900	1	18868	19254	19646	20047	20457	20874	21300	21726
38	9	2900	9	3000	1	18868	19254	19646	20047	20457	20874	21300	21726
39	9	3000	9	3100	1	18868	19254	19646	20047	20457	20874	21300	21726
40	9	3100	9	3250	1	18868	19254	19646	20047	20457	20874	21300	21726
41	9	0	9	100	2	12738	12998	13264	13534	13811	14092	14380	14668
42	9	100	9	200	2	12738	12998	13264	13534	13811	14092	14380	14668
43	9	200	9	300	2	12738	12998	13264	13534	13811	14092	14380	14668
44	9	300	9	400	2	12738	12998	13264	13534	13811	14092	14380	14668
45	9	400	9	500	2	12738	12998	13264	13534	13811	14092	14380	14668
46	9	500	9	600	2	12738	12998	13264	13534	13811	14092	14380	14668
47	9	600	9	700	2	12738	12998	13264	13534	13811	14092	14380	14668
48	9	700	9	800	2	18930	19317	19711	20113	20524	20943	21370	21797
49	9	800	9	900	2	18930	19317	19711	20113	20524	20943	21370	21797
50	9	900	9	1000	2	18930	19317	19711	20113	20524	20943	21370	21797

No	From		Til		Felt, lane	Traffic 2004	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M									
51	9	1000	9	1100	2	18930	19317	19711	20113	20524	20943	21370	21797
52	9	1100	9	1200	2	18930	19317	19711	20113	20524	20943	21370	21797
53	9	1200	9	1300	2	18930	19317	19711	20113	20524	20943	21370	21797
54	9	1300	9	1400	2	18930	19317	19711	20113	20524	20943	21370	21797
55	9	1400	9	1500	2	18930	19317	19711	20113	20524	20943	21370	21797
56	9	1500	9	1600	2	18930	19317	19711	20113	20524	20943	21370	21797
57	9	1600	9	1700	2	18930	19317	19711	20113	20524	20943	21370	21797
58	9	1700	9	1800	2	18868	19254	19646	20047	20457	20874	21300	21726
59	9	1800	9	1900	2	18868	19254	19646	20047	20457	20874	21300	21726
60	9	1900	9	2000	2	18868	19254	19646	20047	20457	20874	21300	21726
61	9	2000	9	2100	2	18868	19254	19646	20047	20457	20874	21300	21726
62	9	2100	9	2200	2	18868	19254	19646	20047	20457	20874	21300	21726
63	9	2200	9	2300	2	18868	19254	19646	20047	20457	20874	21300	21726
64	9	2300	9	2400	2	18868	19254	19646	20047	20457	20874	21300	21726
65	9	2400	9	2500	2	18868	19254	19646	20047	20457	20874	21300	21726
66	9	2500	9	2600	2	18868	19254	19646	20047	20457	20874	21300	21726
67	9	2600	9	2700	2	18868	19254	19646	20047	20457	20874	21300	21726
68	9	2700	9	2800	2	18868	19254	19646	20047	20457	20874	21300	21726
69	9	2800	9	2900	2	18868	19254	19646	20047	20457	20874	21300	21726
70	9	2900	9	3000	2	18868	19254	19646	20047	20457	20874	21300	21726
71	9	3000	9	3100	2	18868	19254	19646	20047	20457	20874	21300	21726
72	9	3100	9	3250	2	18868	19254	19646	20047	20457	20874	21300	21726
73	10	0	10	100	1	9434	9627	9823	10024	10228	10437	10650	10863
74	10	100	10	200	1	10586	10802	11022	11247	11477	11711	11950	12189
75	10	200	10	300	1	10586	10802	11022	11247	11477	11711	11950	12189
76	10	300	10	400	1	10586	10802	11022	11247	11477	11711	11950	12189
77	10	400	10	500	1	10586	10802	11022	11247	11477	11711	11950	12189
78	10	500	10	600	1	10586	10802	11022	11247	11477	11711	11950	12189
79	10	600	10	700	1	10586	10802	11022	11247	11477	11711	11950	12189
80	10	700	10	800	1	10586	10802	11022	11247	11477	11711	11950	12189
81	10	800	10	900	1	10586	10802	11022	11247	11477	11711	11950	12189
82	10	900	10	1000	1	10586	10802	11022	11247	11477	11711	11950	12189
83	10	1000	10	1100	1	10453	10666	10884	11106	11333	11564	11800	12036
84	10	1100	10	1200	1	10453	10666	10884	11106	11333	11564	11800	12036
85	10	1200	10	1300	1	10564	10779	10999	11224	11453	11687	11925	12164
86	10	1300	10	1400	1	10564	10779	10999	11224	11453	11687	11925	12164
87	10	1400	10	1500	1	10564	10779	10999	11224	11453	11687	11925	12164
88	10	1500	10	1600	1	10564	10779	10999	11224	11453	11687	11925	12164
89	10	1600	10	1700	1	10564	10779	10999	11224	11453	11687	11925	12164
90	10	1700	10	1800	1	10564	10779	10999	11224	11453	11687	11925	12164
91	10	1800	10	1900	1	10564	10779	10999	11224	11453	11687	11925	12164
92	10	1900	10	2000	1	10564	10779	10999	11224	11453	11687	11925	12164
93	10	2000	10	2100	1	10564	10779	10999	11224	11453	11687	11925	12164
94	10	2100	10	2200	1	10564	10779	10999	11224	11453	11687	11925	12164
95	10	2200	10	2300	1	10564	10779	10999	11224	11453	11687	11925	12164
96	10	2300	10	2400	1	10564	10779	10999	11224	11453	11687	11925	12164
97	10	2400	10	2500	1	10670	10888	11110	11337	11568	11804	12045	12286
98	10	2500	10	2600	1	10843	11064	11290	11520	11755	11995	12240	12485
99	10	2600	10	2700	1	10843	11064	11290	11520	11755	11995	12240	12485
100	10	2700	10	2800	1	10843	11064	11290	11520	11755	11995	12240	12485

No	From		Til		Felt, lane	Traffic 2004	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M									
101	10	0	10	100	2	9434	9627	9823	10024	10228	10437	10650	10863
102	10	100	10	200	2	10586	10802	11022	11247	11477	11711	11950	12189
103	10	200	10	300	2	10586	10802	11022	11247	11477	11711	11950	12189
104	10	300	10	400	2	10586	10802	11022	11247	11477	11711	11950	12189
105	10	400	10	500	2	10586	10802	11022	11247	11477	11711	11950	12189
106	10	500	10	600	2	10586	10802	11022	11247	11477	11711	11950	12189
107	10	600	10	700	2	10586	10802	11022	11247	11477	11711	11950	12189
108	10	700	10	800	2	10586	10802	11022	11247	11477	11711	11950	12189
109	10	800	10	900	2	10586	10802	11022	11247	11477	11711	11950	12189
110	10	900	10	1000	2	10586	10802	11022	11247	11477	11711	11950	12189
111	10	1000	10	1100	2	10453	10666	10884	11106	11333	11564	11800	12036
112	10	1100	10	1200	2	10453	10666	10884	11106	11333	11564	11800	12036
113	10	1200	10	1300	2	10564	10779	10999	11224	11453	11687	11925	12164
114	10	1300	10	1400	2	10564	10779	10999	11224	11453	11687	11925	12164
115	10	1400	10	1500	2	10564	10779	10999	11224	11453	11687	11925	12164
116	10	1500	10	1600	2	10564	10779	10999	11224	11453	11687	11925	12164
117	10	1600	10	1700	2	10564	10779	10999	11224	11453	11687	11925	12164
118	10	1700	10	1800	2	10564	10779	10999	11224	11453	11687	11925	12164
119	10	1800	10	1900	2	10564	10779	10999	11224	11453	11687	11925	12164
120	10	1900	10	2000	2	10564	10779	10999	11224	11453	11687	11925	12164
121	10	2000	10	2100	2	10564	10779	10999	11224	11453	11687	11925	12164
122	10	2100	10	2200	2	10564	10779	10999	11224	11453	11687	11925	12164
123	10	2200	10	2300	2	10564	10779	10999	11224	11453	11687	11925	12164
124	10	2300	10	2400	2	10564	10779	10999	11224	11453	11687	11925	12164
125	10	2400	10	2500	2	10670	10888	11110	11337	11568	11804	12045	12286
126	10	2500	10	2600	2	10843	11064	11290	11520	11755	11995	12240	12485
127	10	2600	10	2700	2	10843	11064	11290	11520	11755	11995	12240	12485
128	10	2700	10	2800	2	10843	11064	11290	11520	11755	11995	12240	12485

Appendix 4

Comparison of IRI on Fv 704

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
1	1	500	1	600	1	2,93	-0,78	2,15	0,15	2,30	-0,43	1,87	0,07	1,94	0,29	2,23	0,55	2,78
2	1	600	1	700	1	1,83	-0,59	1,24	-0,16	1,08	-0,34	0,74	0,40	1,14	0,58	1,72	0,08	1,80
3	1	700	1	800	1	1,20	0,16	1,36	-0,20	1,16	-0,28	0,88	0,20	1,08	0,06	1,14	0,64	1,78
4	1	800	1	900	1	0,90	0,04	0,94	-0,40	0,54	-0,04	0,50	0,32	0,82	-0,04	0,78	0,22	1,00
5	1	900	1	1000	1	0,92	0,02	0,94	-0,26	0,68	-0,10	0,58	0,16	0,74	0,54	1,28	-0,24	1,04
6	1	1000	1	1100	1	0,98	0,04	1,02	-0,14	0,88	0,00	0,88	0,76	1,64	-0,46	1,18	1,14	2,32
7	1	1100	1	1200	1	1,52	0,14	1,66	-0,66	1,00	-0,10	0,90	0,44	1,34	-0,32	1,02	0,76	1,78
8	1	1200	1	1300	1	0,94	0,08	1,02	-0,48	0,54	0,16	0,70	0,28	0,98	-0,04	0,94	0,28	1,22
9	1	1300	1	1400	1	0,90	0,10	1,00	-0,32	0,68	0,06	0,74	0,14	0,88	0,18	1,06	0,26	1,32
10	1	1400	1	1500	1	1,06	0,06	1,12	-0,20	0,92	-0,26	0,66	0,16	0,82	-0,10	0,72	0,52	1,24
11	1	1500	1	1600	1	0,78	0,10	0,88	-0,24	0,64	-0,18	0,46	0,40	0,86	0,04	0,90	0,12	1,02
12	1	1600	1	1700	1	1,62	0,36	1,98	-1,02	0,96	0,12	1,08	0,90	1,98	-0,44	1,54	0,70	2,24
13	1	1700	1	1800	1	0,92	0,28	1,20	-0,54	0,66	-0,10	0,56	1,18	1,74	-0,70	1,04	0,60	1,64
14	1	1800	1	1900	1	1,04	0,08	1,12	-0,38	0,74	0,18	0,92	0,36	1,28	0,40	1,68	-0,66	1,02
15	1	1900	1	2000	1	1,40	0,37	1,77	-0,89	0,88	0,34	1,22	0,55	1,77	0,35	2,12	-0,76	1,36
16	1	500	1	600	2	2,00	0,07	2,07	0,05	2,12	-0,74	1,38	1,04	2,42	-0,68	1,74	0,74	2,48
17	1	600	1	700	2	1,40	0,38	1,78	-0,64	1,14	-0,22	0,92	0,06	0,98	0,52	1,50	-0,08	1,42
18	1	700	1	800	2	0,88	0,28	1,16	-0,52	0,64	-0,04	0,60	0,36	0,96	0,16	1,12	0,08	1,20
19	1	800	1	900	2	1,10	0,32	1,42	-0,82	0,60	0,10	0,70	0,26	0,96	0,36	1,32	0,46	1,78
20	1	900	1	1000	2	1,54	0,88	2,42	-1,68	0,74	0,10	0,84	0,40	1,24	0,08	1,32	0,18	1,50
21	1	1000	1	1100	2	1,44	0,48	1,92	-0,84	1,08	-0,13	0,95	0,95	1,90	-0,52	1,38	-0,08	1,30
22	1	1100	1	1200	2	1,08	0,52	1,60	-0,38	1,22	-0,04	1,18	0,08	1,26	0,48	1,74	-0,04	1,70
23	1	1200	1	1300	2	1,76	-0,02	1,74	-0,94	0,80	-0,08	0,72	1,70	2,42	-1,70	0,72	0,46	1,18
24	1	1300	1	1400	2	0,96	0,14	1,10	-0,42	0,68	0,00	0,68	0,50	1,18	-0,34	0,84	0,54	1,38
25	1	1400	1	1500	2	1,08	0,10	1,18	-0,52	0,66	0,12	0,78	1,56	2,34	-1,44	0,90	0,32	1,22
26	1	1500	1	1600	2	1,34	-0,02	1,32	-0,74	0,58	-0,04	0,54	0,42	0,96	0,00	0,96	0,16	1,12
27	1	1600	1	1700	2	1,22	0,10	1,32	-0,58	0,74	0,00	0,74	0,72	1,46	0,24	1,70	-0,70	1,00
28	1	1700	1	1800	2	1,36	0,18	1,54	-0,72	0,82	-0,10	0,72	0,22	0,94	1,16	2,10	-0,66	1,44
29	1	1800	1	1900	2	0,90	-0,04	0,86	-0,22	0,64	-0,06	0,58	1,24	1,82	-0,56	1,26	0,64	1,90
30	1	1900	1	2000	2	1,90	-0,05	1,85	-0,93	0,92	0,34	1,26	1,30	2,56	-0,04	2,52	-0,90	1,62
31	2	0	2	100	1	1,12	0,28	1,40	-0,40	1,00	0,30	1,30	0,43	1,73	-0,41	1,32	0,26	1,58
32	2	100	2	200	1	1,16	-0,26	0,90	0,52	1,42	-0,26	1,16	0,24	1,40	-0,10	1,30	0,18	1,48

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
33	2	200	2	300	1	0,72	0,02	0,74	0,34	1,08	-0,10	0,98	0,36	1,34	-0,12	1,22	0,54	1,76
34	2	300	2	400	1	1,00	0,00	1,00	-0,08	0,92	0,00	0,92	0,46	1,38	0,88	2,26	-0,92	1,34
35	2	400	2	500	1	1,72	-0,12	1,60	-0,22	1,38	0,06	1,44	0,30	1,74	1,08	2,82	-0,74	2,08
36	2	500	2	600	1	1,06	0,18	1,24	0,20	1,44	-0,20	1,24	0,42	1,66	0,30	1,96	0,72	2,68
37	2	600	2	700	1	1,40	0,10	1,50	-0,16	1,34	0,10	1,44	1,00	2,44	-0,50	1,94	-0,20	1,74
38	2	700	2	800	1	1,04	0,06	1,10	0,50	1,60	-0,34	1,26	0,64	1,90	-0,30	1,60	0,36	1,96
39	2	800	2	900	1	1,30	0,22	1,52	0,00	1,52	-0,28	1,24	0,84	2,08	-0,04	2,04	-0,30	1,74
40	2	900	2	1000	1	1,22	0,00	1,22	0,26	1,48	0,48	1,96	-0,34	1,62	0,04	1,66	0,44	2,10
41	2	1000	2	1100	1	1,06	0,06	1,12	-0,22	0,90	0,14	1,04	0,90	1,94	-0,04	1,90	-0,38	1,52
42	2	1100	2	1200	1	1,86	0,10	1,96	-0,12	1,84	-0,08	1,76	0,44	2,20	-0,78	1,42	0,50	1,92
43	2	1200	2	1300	1	1,26	0,10	1,36	0,06	1,42	-0,12	1,30	0,36	1,66	0,08	1,74	0,62	2,36
44	2	1300	2	1400	1	1,08	0,22	1,30	0,34	1,64	-0,50	1,14	0,42	1,56	0,14	1,70	0,26	1,96
45	2	1400	2	1500	1	1,12	0,10	1,22	0,22	1,44	-0,36	1,08	0,16	1,24	0,12	1,36	1,08	2,44
46	2	1500	2	1600	1	0,62	0,14	0,76	0,30	1,06	0,14	1,20	1,72	2,92	-1,12	1,80	0,86	2,66
47	2	1600	2	1700	1	1,24	0,10	1,34	0,18	1,52	0,18	1,70	0,98	2,68	0,02	2,70	-0,18	2,52
48	2	1700	2	1800	1	1,50	0,26	1,76	-0,08	1,68	0,36	2,04	0,48	2,52	0,84	3,36	0,04	3,40
49	2	1800	2	1900	1	2,30	-0,48	1,82	-0,12	1,70	0,40	2,10	1,04	3,14	-0,20	2,94	-0,64	2,30
50	2	1900	2	2000	1	1,12	0,04	1,16	0,08	1,24	0,48	1,72	0,26	1,98	0,26	2,24	-0,12	2,12
51	2	2000	2	2100	1	1,26	0,04	1,30	0,02	1,32	-0,18	1,14	0,52	1,66	0,70	2,36	0,36	2,72
52	2	2100	2	2200	1	1,32	0,02	1,34	0,00	1,34	0,16	1,50	1,14	2,64	-0,10	2,54	-0,52	2,02
53	2	2200	2	2300	1	1,30	0,24	1,54	0,00	1,54	-0,06	1,48	0,68	2,16	-0,44	1,72	0,16	1,88
54	2	2300	2	2400	1	1,32	0,28	1,60	0,34	1,94	-0,10	1,84	0,16	2,00	0,16	2,16	0,20	2,36
55	2	2400	2	2500	1	1,86	0,18	2,04	-0,22	1,82	0,02	1,84	0,06	1,90	0,76	2,66	-0,22	2,44
56	2	2500	2	2600	1	1,56	0,10	1,66	0,32	1,98	0,32	2,30	0,18	2,48	-0,48	2,00	0,26	2,26
57	2	2600	2	2700	1	1,08	0,24	1,32	-0,10	1,22	0,50	1,72	0,62	2,34	0,04	2,38	0,26	2,64
58	2	2700	2	2800	1	1,74	0,69	2,43	-1,07	1,36	0,26	1,62	0,32	1,94	0,12	2,06	-0,26	1,80
59	2	2800	2	2900	1	3,00	0,20	3,20	-0,32	2,88	0,72	3,60	-0,62	2,98	-0,32	2,66	0,20	2,86
60	2	2900	2	3000	1	2,14	0,06	2,20	0,10	2,30	0,00	2,30	-0,10	2,20	-0,62	1,58	0,04	1,62
61	2	3000	2	3100	1	2,92	0,12	3,04	-0,52	2,52	0,00	2,52	-0,08	2,44	-0,66	1,78	-0,30	1,48
62	2	3100	2	3200	1	2,46	0,66	3,12	0,06	3,18	-0,18	3,00	-0,20	2,80	-0,84	1,96	0,08	2,04
63	2	3200	2	3300	1	2,08	0,40	2,48	0,50	2,98	-0,18	2,80	0,00	2,80	-1,58	1,22	1,18	2,40
64	2	3300	2	3400	1	2,44	0,88	3,32	0,56	3,88	-1,26	2,62	1,72	4,34	-2,44	1,90	-0,38	1,52

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
65	2	3400	2	3500	1	1,78	0,42	2,20	0,98	3,18	-0,52	2,66	0,08	2,74	-0,84	1,90	0,42	2,32
66	2	3500	2	3600	1	2,12	0,04	2,16	0,46	2,62	-0,26	2,36	0,84	3,20	-1,76	1,44	0,28	1,72
67	2	3600	2	3700	1	2,32	-0,10	2,22	0,22	2,44	-0,32	2,12	-0,14	1,98	1,76	3,74	-2,06	1,68
68	2	3700	2	3800	1	2,30	0,12	2,42	0,04	2,46	1,06	3,52	-0,26	3,26	-0,08	3,18	-1,62	1,56
69	2	3800	2	3900	1	1,68	0,34	2,02	-0,34	1,68	-0,18	1,50	0,36	1,86	0,12	1,98	-0,90	1,08
70	2	3900	2	4000	1	1,34	0,34	1,68	0,40	2,08	-0,44	1,64	0,14	1,78	1,04	2,82	-1,46	1,36
71	2	4000	2	4100	1	2,68	0,66	3,34	-0,22	3,12	-0,06	3,06	1,10	4,16	-1,58	2,58	-0,92	1,66
72	2	4100	2	4200	1	1,98	0,24	2,22	-0,10	2,12	0,68	2,80	-0,50	2,30	1,34	3,64	-1,94	1,70
73	2	4200	2	4300	1	2,12	-0,18	1,94	0,40	2,34	-0,02	2,32	0,42	2,74	-0,46	2,28	-0,12	2,16
74	2	4300	2	4400	1	1,88	0,12	2,00	-0,32	1,68	0,04	1,72	0,84	2,56	0,94	3,50	-1,94	1,56
75	2	4400	2	4500	1	2,30	0,64	2,94	0,96	3,90	1,06	4,96	-0,80	4,16	-0,48	3,68	-1,48	2,20
76	2	4500	2	4600	1	2,14	0,42	2,56	0,62	3,18	-0,02	3,16	0,70	3,86	-0,30	3,56	-1,64	1,92
77	2	4600	2	4700	1	1,80	0,16	1,96	1,10	3,06	-0,74	2,32	0,48	2,80	0,38	3,18	-1,42	1,76
78	2	4700	2	4800	1	4,06	-0,40	3,66	-0,38	3,28	0,86	4,14	-0,50	3,64	0,58	4,22	-2,02	2,20
79	2	4800	2	4900	1	1,68	0,46	2,14	0,46	2,60	0,24	2,84	1,02	3,86	-1,12	2,74	-0,96	1,78
80	2	4900	2	5000	1	2,46	1,66	4,12	-0,40	3,72	-1,36	2,36	0,12	2,48	1,78	4,26	-3,14	1,12
81	2	5000	2	5100	1	1,86	0,26	2,12	0,84	2,96	-0,30	2,66	0,80	3,46	0,34	3,80	-2,30	1,50
82	2	5100	2	5200	1	1,86	0,46	2,32	-0,26	2,06	0,34	2,40	0,12	2,52	0,80	3,32	-2,10	1,22
83	2	5200	2	5300	1	2,38	-0,04	2,34	-0,34	2,00	0,60	2,60	-0,30	2,30	1,04	3,34	-1,32	2,02
84	2	5300	2	5400	1	2,30	0,00	2,30	-0,18	2,12	0,14	2,26	0,56	2,82	0,48	3,30	-2,38	0,92
85	2	5400	2	5500	1	2,26	-0,06	2,20	-0,02	2,18	-0,12	2,06	1,04	3,10	1,04	4,14	-3,10	1,04
86	2	5500	2	5600	1	2,08	0,06	2,14	1,78	3,92	-1,02	2,90	-0,58	2,32	0,30	2,62	-0,94	1,68
87	2	5600	2	5700	1	2,06	0,16	2,22	-0,06	2,16	0,56	2,72	-0,14	2,58	0,80	3,38	-1,58	1,80
88	2	5700	2	5800	1	3,14	0,14	3,28	0,32	3,60	-0,72	2,88	0,36	3,24	0,60	3,84	-1,98	1,86
89	2	5800	2	5900	1	4,24	-0,11	4,13	-0,47	3,66	-1,48	2,18	1,72	3,90	-0,62	3,28	0,10	3,38
90	2	5900	2	6000	1	4,60	2,65	7,25	-1,77	5,48	-3,30	2,18	2,34	4,52	-1,74	2,78	-0,14	2,64
91	2	6000	2	6100	1	4,35	1,53	5,88	-0,82	5,06	-3,18	1,88	0,05	1,93	0,55	2,48	1,30	3,78
92	2	6100	2	6200	1	4,40	2,36	6,76	3,86	10,62	-8,60	2,02	1,26	3,28	-1,44	1,84	0,84	2,68
93	2	6200	2	6300	1	2,80	0,42	3,22	0,28	3,50	-1,30	2,20	0,06	2,26	0,28	2,54	-0,08	2,46
94	2	6300	2	6400	1	4,18	0,34	4,52	0,60	5,12	-3,12	2,00	0,68	2,68	0,02	2,70	-0,68	2,02
95	2	6400	2	6500	1	3,48	0,50	3,98	0,04	4,02	-2,28	1,74	1,00	2,74	-0,66	2,08	0,54	2,62
96	2	6500	2	6600	1	1,58	0,38	1,96	0,34	2,30	-0,98	1,32	-0,02	1,30	0,02	1,32	0,40	1,72

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
97	2	6600	2	6700	1	3,12	0,00	3,12	-0,76	2,36	-1,24	1,12	0,48	1,60	0,20	1,80	0,66	2,46
98	2	6700	2	6800	1	1,74	-0,06	1,68	1,02	2,70	-1,84	0,86	0,42	1,28	0,16	1,44	0,06	1,50
99	2	6800	2	6900	1	2,64	0,10	2,74	-0,02	2,72	-1,44	1,28	0,10	1,38	0,56	1,94	-0,16	1,78
100	2	6900	2	7000	1	1,64	0,20	1,84	0,30	2,14	-1,22	0,92	0,04	0,96	0,36	1,32	0,20	1,52
101	2	7000	2	7100	1	3,70	-0,08	3,62	0,42	4,04	-2,66	1,38	0,02	1,40	0,38	1,78	0,24	2,02
102	2	7100	2	7200	1	3,08	-0,28	2,80	0,06	2,86	-1,78	1,08	0,16	1,24	1,10	2,34	-0,34	2,00
103	2	7200	2	7300	1	3,86	0,02	3,88	2,12	6,00	-3,36	2,64	-0,54	2,10	0,50	2,60	0,12	2,72
104	2	7300	2	7400	1	3,00	0,12	3,12	-0,12	3,00	-1,56	1,44	0,14	1,58	0,94	2,52	-0,80	1,72
105	2	7400	2	7500	1	3,40	-0,28	3,12	-0,26	2,86	-1,34	1,52	0,76	2,28	0,58	2,86	-1,28	1,58
106	2	7500	2	7600	1	2,64	0,36	3,00	0,66	3,66	-1,58	2,08	1,02	3,10	-0,96	2,14	-0,24	1,90
107	2	7600	2	7700	1	3,10	-0,54	2,56	-0,02	2,54	-0,56	1,98	0,34	2,32	-0,82	1,50	0,28	1,78
108	2	7700	2	7800	1	3,96	0,74	4,70	-0,12	4,58	0,34	4,92	0,26	5,18	-2,26	2,92	-0,72	2,20
109	2	7800	2	7900	1	4,18	-0,28	3,90	1,08	4,98	-0,18	4,80	-1,72	3,08	-0,28	2,80	-1,08	1,72
110	2	7900	2	8000	1	4,10	-1,60	2,50	0,56	3,06	0,16	3,22	0,60	3,82	-0,60	3,22	-1,34	1,88
111	2	8000	2	8100	1	4,80	-2,08	2,72	0,24	2,96	-0,72	2,24	1,84	4,08	-2,00	2,08	-0,14	1,94
112	2	8100	2	8200	1	3,83	0,80	4,62	-0,46	4,16	0,14	4,30	-0,20	4,10	-1,64	2,46	0,06	2,52
113	2	8200	2	8300	1	4,78	0,20	4,98	0,42	5,40	0,46	5,86	-1,24	4,62	-1,60	3,02	-0,88	2,14
114	2	8300	2	8400	1	4,16	0,06	4,22	0,66	4,88	0,78	5,66	-0,46	5,20	-2,94	2,26	-0,08	2,18
115	2	8400	2	8500	1	2,90	1,04	3,94	0,86	4,80	-0,64	4,16	-0,64	3,52	-0,22	3,30	-1,56	1,74
116	2	8500	2	8600	1	4,54	-0,04	4,50	-0,88	3,62	0,68	4,30	-0,06	4,24	-2,58	1,66	0,56	2,22
117	2	8600	2	8700	1	7,40	0,18	7,58	1,16	8,74	-0,60	8,14	-2,72	5,42	-3,52	1,90	0,64	2,54
118	2	8700	2	8800	1	3,20	0,58	3,78	0,54	4,32	-0,72	3,60	-0,12	3,48	-1,86	1,62	0,12	1,74
119	2	8800	2	8900	1	2,02	0,76	2,78	0,68	3,46	-0,80	2,66	0,94	3,60	-1,60	2,00	-0,12	1,88
120	2	8900	2	9000	1	3,28	0,44	3,72	-1,12	2,60	0,72	3,32	0,48	3,80	-1,74	2,06	0,00	2,06
121	2	9000	2	9100	1	5,02	0,92	5,94	0,04	5,98	0,58	6,56	-1,28	5,28	-4,14	1,14	0,26	1,40
122	2	9100	2	9200	1	2,38	1,38	3,76	1,40	5,16	-1,50	3,66	0,40	4,06	-3,02	1,04	0,32	1,36
123	2	9200	2	9300	1	1,84	0,92	2,76	0,40	3,16	-0,82	2,34	0,62	2,96	-1,44	1,52	-0,04	1,48
124	2	9300	2	9400	1	1,88	0,04	1,92	-0,12	1,80	0,12	1,92	1,20	3,12	-0,48	2,64	-0,44	2,20
125	2	9400	2	9500	1	5,08	0,22	5,30	-1,17	4,13	0,85	4,98	-0,82	4,16	-1,98	2,18	-0,22	1,96
126	2	9500	2	9600	1	5,62	-0,06	5,56	1,46	7,02	-0,88	6,14	-0,56	5,58	-3,70	1,88	-0,52	1,36
127	2	9600	2	9700	1	2,66	0,14	2,80	1,48	4,28	0,56	4,84	-1,72	3,12	-1,42	1,70	-0,18	1,52
128	2	9700	2	9800	1	4,66	0,48	5,14	0,10	5,24	0,28	5,52	-0,90	4,62	-3,32	1,30	0,46	1,76

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
129	2	9800	2	9900	1	5,08	0,48	5,56	-0,04	5,52	0,22	5,74	-1,14	4,60	-1,88	2,72	-1,00	1,72
130	2	9900	2	10000	1	4,20	-0,14	4,06	0,98	5,04	-0,10	4,94	-0,40	4,54	-2,82	1,72	1,22	2,94
131	2	10000	2	10100	1	3,28	1,96	5,24	-0,40	4,84	-0,84	4,00	0,70	4,70	-2,52	2,18	-0,46	1,72
132	2	10100	2	10200	1	2,92	1,08	4,00	0,46	4,46	-1,10	3,36	0,34	3,70	-1,70	2,00	-0,42	1,58
133	2	10200	2	10300	1	2,40	1,30	3,70	0,42	4,12	-0,70	3,42	0,46	3,88	-1,68	2,20	-0,86	1,34
134	2	10300	2	10400	1	2,64	0,78	3,42	-0,16	3,26	-0,20	3,06	0,68	3,74	-1,82	1,92	-0,48	1,44
135	2	10400	2	10500	1	6,58	2,46	9,04	-2,02	7,03	0,78	7,80	-2,60	5,20	-0,76	4,44	-2,00	2,44
136	2	10500	2	10600	1	4,54	0,42	4,96	-0,44	4,52	0,24	4,76	-0,90	3,86	0,10	3,96	0,14	4,10
137	2	10600	2	10700	1	3,22	0,82	4,04	-0,08	3,96	0,12	4,08	-1,00	3,08	0,78	3,86	-0,20	3,66
138	2	10700	2	10800	1	5,34	-0,32	5,02	0,00	5,02	-0,36	4,66	-0,26	4,40	0,64	5,04	-0,20	4,84
139	2	10800	2	10900	1	6,12	1,48	7,60	0,72	8,32	-0,46	7,86	-2,84	5,02	0,00	5,02	0,60	5,62
140	2	10900	2	11000	1	3,50	1,10	4,60	-0,02	4,58	-0,18	4,40	-0,88	3,52	-0,40	3,12	1,58	4,70
141	2	11000	2	11100	1	4,18	2,71	6,88	0,28	7,16	7,14	14,30	-9,18	5,12	0,24	5,36	-0,98	4,38
142	2	11100	2	11200	1	5,78	2,10	7,88	-1,26	6,62	0,66	7,28	-1,48	5,80	-0,76	5,04	0,70	5,74
143	2	11200	2	11300	1	5,82	-0,12	5,70	-0,38	5,32	0,54	5,86	-0,92	4,94	-0,60	4,34	0,30	4,64
144	2	11300	2	11400	1	3,10	0,86	3,96	0,22	4,18	0,26	4,44	-0,42	4,02	-0,34	3,68	1,10	4,78
145	2	11400	2	11500	1	7,06	0,28	7,34	-0,34	7,00	0,04	7,04	-1,96	5,08	-0,36	4,72	-0,06	4,66
146	2	11500	2	11600	1	2,96	1,28	4,24	0,22	4,46	0,22	4,68	-1,02	3,66	-0,16	3,50	0,60	4,10
147	2	11600	2	11700	1	4,64	0,60	5,24	0,30	5,54	0,32	5,86	-1,44	4,42	0,08	4,50	-0,32	4,18
148	2	11700	2	11800	1	3,94	1,16	5,10	-0,44	4,66	-0,02	4,64	-0,22	4,42	0,44	4,86	-0,84	4,02
149	2	11800	2	11900	1	5,52	-0,16	5,36	1,10	6,46	-0,26	6,20	-1,44	4,76	0,64	5,40	-0,34	5,06
150	2	11900	2	12000	1	5,06	0,56	5,62	0,92	6,54	-0,12	6,42	-2,68	3,74	0,56	4,30	1,08	5,38
151	2	12000	2	12100	1	3,98	-0,14	3,84	0,48	4,32	0,52	4,84	-0,54	4,30	-0,46	3,84	0,66	4,50
152	2	12100	2	12200	1	3,14	0,16	3,30	0,06	3,36	0,24	3,60	-0,50	3,10	0,76	3,86	0,04	3,90
153	2	12200	2	12300	1	3,82	1,26	5,08	-0,76	4,32	0,08	4,40	0,02	4,42	0,28	4,70	-0,54	4,16
154	2	12300	2	12400	1	4,42	-0,50	3,92	0,30	4,22	0,36	4,58	0,24	4,82	0,22	5,04	-0,66	4,38
155	2	12400	2	12500	1	4,60	-0,02	4,58	0,92	5,50	-0,26	5,24	-1,40	3,84	1,52	5,36	-1,12	4,24
156	2	12500	2	12600	1	4,62	0,20	4,82	-0,36	4,46	0,54	5,00	-0,32	4,68	0,38	5,06	-0,30	4,76
157	2	12600	2	12700	1	4,98	0,38	5,36	0,16	5,52	-0,90	4,62	-0,74	3,88	-0,06	3,82	0,82	4,64
158	2	12700	2	12800	1	2,48	0,26	2,74	0,62	3,36	-0,28	3,08	0,72	3,80	-0,32	3,48	-0,36	3,12
159	2	12800	2	12900	1	4,40	-0,48	3,92	0,12	4,04	0,38	4,42	-0,56	3,86	0,96	4,82	-1,06	3,76
160	2	12900	2	13000	1	2,26	-0,80	1,46	1,54	3,00	0,10	3,10	-0,10	3,00	-0,74	2,26	1,78	4,04

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
161	2	13000	2	13100	1	1,38	0,04	1,42	-0,20	1,22	0,02	1,24	0,78	2,02	-0,02	2,00	-0,20	1,80
162	2	13100	2	13200	1	1,45	1,93	3,38	-0,06	3,32	0,00	3,32	0,16	3,48	0,14	3,62	-1,50	2,12
163	2	13200	2	13350	1	1,82	-0,07	1,75	0,01	1,76	-0,13	1,63	0,52	2,15	-0,30	1,85	0,51	2,36
164	2	0	2	100	2	1,40	0,05	1,45	-0,21	1,24	-0,22	1,02	1,20	2,22	-0,68	1,54	1,83	3,37
165	2	100	2	200	2	1,22	0,00	1,22	0,22	1,44	-0,06	1,38	0,90	2,28	-0,70	1,58	0,68	2,26
166	2	200	2	300	2	1,03	0,11	1,14	0,10	1,24	0,16	1,40	1,18	2,58	-0,72	1,86	0,72	2,58
167	2	300	2	400	2	0,86	0,02	0,88	0,00	0,88	-0,06	0,82	0,52	1,34	0,00	1,34	0,02	1,36
168	2	400	2	500	2	1,06	-0,14	0,92	0,10	1,02	0,24	1,26	0,40	1,66	-0,52	1,14	0,86	2,00
169	2	500	2	600	2	1,56	-0,18	1,38	0,14	1,52	0,12	1,64	1,50	3,14	-1,40	1,74	-0,56	1,18
170	2	600	2	700	2	0,98	0,12	1,10	0,18	1,28	-0,04	1,24	0,68	1,92	-0,68	1,24	0,46	1,70
171	2	700	2	800	2	1,46	-0,14	1,32	0,08	1,40	0,40	1,80	1,30	3,10	-1,00	2,10	-0,48	1,62
172	2	800	2	900	2	1,06	0,18	1,24	0,32	1,56	-0,32	1,24	0,44	1,68	0,00	1,68	-0,32	1,36
173	2	900	2	1000	2	1,06	-0,04	1,02	0,34	1,36	-0,06	1,30	1,84	3,14	-1,32	1,82	-0,22	1,60
174	2	1000	2	1100	2	1,00	0,56	1,56	0,12	1,68	-0,36	1,32	1,02	2,34	-0,62	1,72	0,74	2,46
175	2	1100	2	1200	2	0,88	0,26	1,14	0,32	1,46	-0,14	1,32	0,36	1,68	-0,08	1,60	0,68	2,28
176	2	1200	2	1300	2	0,90	0,08	0,98	0,02	1,00	0,20	1,20	0,46	1,66	-0,26	1,40	0,64	2,04
177	2	1300	2	1400	2	1,00	0,06	1,06	0,04	1,10	0,16	1,26	0,58	1,84	0,16	2,00	-0,06	1,94
178	2	1400	2	1500	2	0,84	0,14	0,98	0,14	1,12	0,22	1,34	-0,20	1,14	-0,18	0,96	0,56	1,52
179	2	1500	2	1600	2	1,22	0,18	1,40	0,02	1,42	0,18	1,60	0,26	1,86	0,02	1,88	0,58	2,46
180	2	1600	2	1700	2	0,96	0,40	1,36	0,14	1,50	-0,10	1,40	1,18	2,58	0,02	2,60	-0,96	1,64
181	2	1700	2	1800	2	0,78	0,34	1,12	0,56	1,68	-0,42	1,26	0,64	1,90	0,76	2,66	-0,32	2,34
182	2	1800	2	1900	2	1,62	0,06	1,68	0,18	1,86	0,10	1,96	0,14	2,10	0,06	2,16	1,10	3,26
183	2	1900	2	2000	2	1,26	0,52	1,78	0,02	1,80	0,32	2,12	0,30	2,42	0,66	3,08	-0,80	2,28
184	2	2000	2	2100	2	1,06	0,10	1,16	0,24	1,40	0,00	1,40	0,14	1,54	0,82	2,36	-0,56	1,80
185	2	2100	2	2200	2	1,02	-0,10	0,92	0,18	1,10	0,30	1,40	0,36	1,76	0,82	2,58	-0,30	2,28
186	2	2200	2	2300	2	2,66	0,00	2,66	0,16	2,82	-0,14	2,68	0,32	3,00	0,00	3,00	-0,52	2,48
187	2	2300	2	2400	2	1,20	0,32	1,52	-0,10	1,42	-0,08	1,34	0,34	1,68	0,08	1,76	-0,24	1,52
188	2	2400	2	2500	2	1,66	0,17	1,83	0,01	1,84	0,34	2,18	-0,10	2,08	0,40	2,48	-0,32	2,16
189	2	2500	2	2600	2	2,16	-0,64	1,52	0,48	2,00	-0,40	1,60	0,40	2,00	0,94	2,94	-0,28	2,66
190	2	2600	2	2700	2	1,02	0,36	1,38	0,08	1,46	0,02	1,48	0,12	1,60	0,14	1,74	0,04	1,78
191	2	2700	2	2800	2	1,70	1,20	2,90	-0,38	2,52	0,66	3,18	-1,01	2,18	-0,07	2,10	0,74	2,84
192	2	2800	2	2900	2	2,90	0,26	3,16	-0,14	3,02	-0,20	2,82	-0,72	2,10	0,98	3,08	-0,10	2,98

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
193	2	2900	2	3000	2	2,62	-0,74	1,88	-0,26	1,62	0,22	1,84	0,08	1,92	-0,76	1,16	0,22	1,38
194	2	3000	2	3100	2	2,42	-0,12	2,30	0,14	2,44	0,30	2,74	-1,08	1,66	0,22	1,88	-0,40	1,48
195	2	3100	2	3200	2	3,30	0,06	3,36	-0,46	2,90	0,38	3,28	-0,60	2,68	-1,28	1,40	0,30	1,70
196	2	3200	2	3300	2	2,44	0,38	2,82	0,26	3,08	0,20	3,28	-0,22	3,06	-1,80	1,26	0,02	1,28
197	2	3300	2	3400	2	1,86	0,34	2,20	0,14	2,34	0,06	2,40	-0,10	2,30	-0,42	1,88	-0,42	1,46
198	2	3400	2	3500	2	3,16	-0,22	2,94	-0,08	2,86	-0,44	2,42	0,72	3,14	-0,92	2,22	-0,84	1,38
199	2	3500	2	3600	2	2,54	0,54	3,08	-0,14	2,94	1,20	4,14	-0,64	3,50	-1,98	1,52	0,38	1,90
200	2	3600	2	3700	2	2,94	1,28	4,22	-0,46	3,76	0,20	3,96	-1,14	2,82	0,58	3,40	-1,16	2,24
201	2	3700	2	3800	2	3,10	-0,36	2,74	0,38	3,12	0,24	3,36	-0,42	2,94	0,10	3,04	-1,48	1,56
202	2	3800	2	3900	2	1,62	0,22	1,84	-0,02	1,82	0,04	1,86	0,68	2,54	1,20	3,74	-2,10	1,64
203	2	3900	2	4000	2	1,86	0,04	1,90	-0,06	1,84	-0,26	1,58	0,88	2,46	0,32	2,78	-0,92	1,86
204	2	4000	2	4100	2	3,26	-0,12	3,14	0,16	3,30	0,32	3,62	0,16	3,78	0,24	4,02	-2,36	1,66
205	2	4100	2	4200	2	3,04	-0,44	2,60	-0,06	2,54	0,30	2,84	0,46	3,30	0,56	3,86	-2,26	1,60
206	2	4200	2	4300	2	2,92	0,80	3,72	-0,18	3,54	-0,08	3,46	0,28	3,74	1,54	5,28	-3,64	1,64
207	2	4300	2	4400	2	2,38	0,64	3,02	-0,78	2,24	0,66	2,90	0,34	3,24	1,82	5,06	-3,16	1,90
208	2	4400	2	4500	2	2,50	-0,08	2,42	0,24	2,66	0,30	2,96	0,72	3,68	0,48	4,16	-2,64	1,52
209	2	4500	2	4600	2	1,54	0,50	2,04	-0,02	2,02	0,26	2,28	1,36	3,64	-0,40	3,24	-1,76	1,48
210	2	4600	2	4700	2	1,98	1,50	3,48	-0,58	2,90	0,66	3,56	-0,20	3,36	0,84	4,20	-2,58	1,62
211	2	4700	2	4800	2	3,02	0,18	3,20	0,08	3,28	-0,38	2,90	0,92	3,82	-0,24	3,58	-1,40	2,18
212	2	4800	2	4900	2	1,76	0,78	2,54	0,34	2,88	-0,76	2,12	1,46	3,58	-1,28	2,30	-1,04	1,26
213	2	4900	2	5000	2	1,30	0,24	1,54	-0,12	1,42	-0,02	1,40	0,14	1,54	2,00	3,54	-2,36	1,18
214	2	5000	2	5100	2	2,96	-0,42	2,54	0,08	2,62	-0,12	2,50	0,68	3,18	1,84	5,02	-3,50	1,52
215	2	5100	2	5200	2	1,70	0,26	1,96	0,38	2,34	-0,22	2,12	0,84	2,96	0,12	3,08	-1,22	1,86
216	2	5200	2	5300	2	2,12	-0,04	2,08	-0,10	1,98	-0,06	1,92	0,80	2,72	0,88	3,60	-2,08	1,52
217	2	5300	2	5400	2	1,88	0,36	2,24	-0,36	1,88	0,74	2,62	-0,08	2,54	0,80	3,34	-1,66	1,68
218	2	5400	2	5500	2	2,34	0,00	2,34	-0,04	2,30	0,08	2,38	1,40	3,78	-1,08	2,70	-1,30	1,40
219	2	5500	2	5600	2	2,36	0,36	2,72	-0,18	2,54	0,66	3,20	-0,08	3,12	0,40	3,52	-1,12	2,40
220	2	5600	2	5700	2	2,10	0,20	2,30	0,04	2,34	0,02	2,36	1,34	3,70	-0,70	3,00	-1,32	1,68
221	2	5700	2	5800	2	2,22	0,46	2,68	-0,54	2,14	0,62	2,76	1,18	3,94	-0,88	3,06	-0,84	2,22
222	2	5800	2	5900	2	2,70	0,78	3,48	-0,42	3,06	-0,16	2,90	1,60	4,50	-2,12	2,38	0,90	3,28
223	2	5900	2	6000	2	6,00	-0,10	5,90	-0,74	5,16	-2,20	2,96	1,52	4,48	-1,96	2,52	0,26	2,78
224	2	6000	2	6100	2	3,32	1,88	5,20	-1,40	3,80	-1,86	1,94	0,92	2,86	-0,76	2,10	-0,32	1,78

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
225	2	6100	2	6200	2	3,10	0,66	3,76	-0,14	3,62	-1,66	1,96	0,92	2,88	-0,10	2,78	0,08	2,86
226	2	6200	2	6300	2	3,33	1,52	4,84	-0,48	4,36	-3,00	1,36	1,08	2,44	-0,06	2,38	0,70	3,08
227	2	6300	2	6400	2	4,92	0,70	5,62	0,40	6,02	-2,82	3,20	-0,34	2,86	0,80	3,66	-0,46	3,20
228	2	6400	2	6500	2	4,40	-0,50	3,90	1,18	5,08	-3,28	1,80	1,06	2,86	-1,12	1,74	1,38	3,12
229	2	6500	2	6600	2	5,06	1,92	6,98	-0,78	6,20	-4,44	1,76	0,02	1,78	0,94	2,72	-0,92	1,80
230	2	6600	2	6700	2	3,52	-0,18	3,34	0,54	3,88	-2,42	1,46	0,56	2,02	0,08	2,10	0,38	2,48
231	2	6700	2	6800	2	3,35	-0,81	2,54	1,02	3,56	-2,20	1,36	0,26	1,62	-0,28	1,34	0,38	1,72
232	2	6800	2	6900	2	2,12	0,15	2,27	0,03	2,30	-1,04	1,26	0,70	1,96	-0,42	1,54	0,70	2,24
233	2	6900	2	7000	2	3,98	0,10	4,08	-0,23	3,85	-2,03	1,82	-0,56	1,26	0,32	1,58	0,54	2,12
234	2	7000	2	7100	2	4,10	0,32	4,42	0,46	4,88	-2,94	1,94	0,30	2,24	-0,12	2,12	1,04	3,16
235	2	7100	2	7200	2	3,52	0,42	3,94	0,54	4,48	-2,44	2,04	-0,08	1,96	0,94	2,90	-0,56	2,34
236	2	7200	2	7300	2	4,20	0,32	4,52	0,64	5,16	-2,68	2,48	0,46	2,94	0,10	3,04	0,96	4,00
237	2	7300	2	7400	2	3,96	1,22	5,18	-0,36	4,82	-3,06	1,76	0,96	2,72	0,78	3,50	-1,14	2,36
238	2	7400	2	7500	2	3,12	0,52	3,64	0,16	3,80	-2,22	1,58	0,02	1,60	0,80	2,40	0,74	3,14
239	2	7500	2	7600	2	3,96	0,56	4,52	-0,06	4,46	-2,14	2,32	1,20	3,52	-1,22	2,30	0,02	2,32
240	2	7600	2	7700	2	5,12	0,10	5,22	-0,32	4,90	-1,42	3,48	-0,34	3,14	0,34	3,48	-0,54	2,94
241	2	7700	2	7800	2	3,98	3,72	7,70	-3,40	4,30	0,32	4,62	-0,06	4,56	-1,70	2,86	-1,02	1,84
242	2	7800	2	7900	2	4,36	0,20	4,56	1,22	5,78	0,14	5,92	-1,08	4,84	-1,64	3,20	-2,12	1,08
243	2	7900	2	8000	2	2,48	1,00	3,48	0,72	4,20	-1,42	2,78	0,48	3,26	-1,58	1,68	0,46	2,14
244	2	8000	2	8100	2	3,26	0,57	3,83	0,76	4,58	0,82	5,40	-0,10	5,30	-3,84	1,46	0,44	1,90
245	2	8100	2	8200	2	4,46	-0,16	4,30	2,44	6,74	-0,18	6,56	-2,06	4,50	-0,42	4,08	-2,20	1,88
246	2	8200	2	8300	2	6,40	-0,08	6,32	0,90	7,23	-0,14	7,08	-1,36	5,72	-2,00	3,72	-2,10	1,62
247	2	8300	2	8400	2	5,04	0,76	5,80	-0,10	5,70	1,46	7,16	-2,40	4,76	-1,28	3,48	-1,46	2,02
248	2	8400	2	8500	2	1,82	0,30	2,12	-0,04	2,08	-0,25	1,83	0,52	2,34	-0,50	1,84	-0,46	1,38
249	2	8500	2	8600	2	4,15	1,05	5,20	0,76	5,96	-0,74	5,22	-0,72	4,50	-2,40	2,10	0,14	2,24
250	2	8600	2	8700	2	3,48	0,18	3,66	1,00	4,66	-0,48	4,18	-0,20	3,98	-2,62	1,36	-0,18	1,18
251	2	8700	2	8800	2	1,98	0,10	2,08	1,02	3,10	-0,72	2,38	0,84	3,22	-1,20	2,02	-0,52	1,50
252	2	8800	2	8900	2	2,82	0,26	3,08	0,62	3,70	-0,32	3,38	0,82	4,20	-0,86	3,34	-1,20	2,14
253	2	8900	2	9000	2	3,90	0,12	4,02	0,42	4,44	0,48	4,92	-0,70	4,22	-2,96	1,26	-0,12	1,14
254	2	9000	2	9100	2	2,56	0,36	2,92	0,10	3,02	-0,78	2,24	0,78	3,02	-1,74	1,28	0,10	1,38
255	2	9100	2	9200	2	2,84	0,20	3,04	0,06	3,10	0,02	3,12	0,08	3,20	-2,06	1,14	0,18	1,32
256	2	9200	2	9300	2	3,68	0,32	4,00	0,86	4,86	-0,32	4,54	-0,28	4,26	-1,98	2,28	-0,08	2,20

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
257	2	9300	2	9400	2	2,88	0,56	3,44	1,04	4,48	-0,32	4,16	-0,44	3,72	-1,06	2,66	-0,76	1,90
258	2	9400	2	9500	2	3,02	0,70	3,72	0,42	4,14	-0,42	3,72	-0,40	3,32	-1,52	1,80	-0,56	1,24
259	2	9500	2	9600	2	3,76	0,64	4,40	0,04	4,44	-0,48	3,96	-0,70	3,26	-2,02	1,24	0,04	1,28
260	2	9600	2	9700	2	5,32	-0,76	4,56	1,99	6,55	0,45	7,00	-3,00	4,00	-2,46	1,54	0,28	1,82
261	2	9700	2	9800	2	4,30	-0,26	4,04	0,38	4,42	1,92	6,34	-2,36	3,98	-2,74	1,24	0,30	1,54
262	2	9800	2	9900	2	4,42	-0,20	4,22	0,64	4,86	0,32	5,18	-0,93	4,25	-1,49	2,76	-0,42	2,34
263	2	9900	2	10000	2	5,80	-0,14	5,66	0,28	5,94	0,20	6,14	-1,12	5,02	-2,98	2,04	-0,20	1,84
264	2	10000	2	10100	2	2,05	2,25	4,30	-0,68	3,62	1,56	5,18	-2,22	2,96	-1,24	1,72	0,06	1,78
265	2	10100	2	10200	2	4,62	-0,50	4,12	0,30	4,42	0,40	4,82	-0,26	4,56	-2,90	1,66	-0,12	1,54
266	2	10200	2	10300	2	5,18	0,78	5,96	-0,30	5,66	0,78	6,44	-2,56	3,88	-1,92	1,96	-0,88	1,08
267	2	10300	2	10400	2	4,96	0,08	5,04	0,88	5,92	-0,60	5,32	-0,02	5,30	-3,54	1,76	0,18	1,94
268	2	10400	2	10500	2	6,60	0,74	7,34	0,42	7,76	1,67	9,43	-4,47	4,96	-1,66	3,30	-0,32	2,98
269	2	10500	2	10600	2	4,68	0,88	5,56	-0,38	5,18	0,46	5,64	-1,76	3,88	0,94	4,82	0,06	4,88
270	2	10600	2	10700	2	3,90	0,30	4,20	0,02	4,22	0,22	4,44	-0,04	4,40	0,38	4,78	0,56	5,34
271	2	10700	2	10800	2	5,64	1,68	7,32	-0,50	6,82	-0,68	6,14	-1,40	4,74	0,54	5,28	0,80	6,08
272	2	10800	2	10900	2	8,10	-0,74	7,36	1,16	8,52	-0,70	7,82	-2,80	5,02	0,72	5,74	-0,62	5,12
273	2	10900	2	11000	2	4,38	-0,51	3,88	-0,03	3,84	1,60	5,44	-1,92	3,52	0,08	3,60	0,56	4,16
274	2	11000	2	11100	2	3,50	0,56	4,06	-0,20	3,86	0,70	4,56	-0,46	4,10	-0,38	3,72	0,56	4,28
275	2	11100	2	11200	2	4,14	0,26	4,40	-0,14	4,26	-1,09	3,18	0,83	4,00	-0,28	3,72	1,18	4,90
276	2	11200	2	11300	2	3,96	-0,34	3,62	0,52	4,14	-0,42	3,72	0,74	4,46	-1,18	3,28	0,04	3,32
277	2	11300	2	11400	2	3,92	0,00	3,92	-0,10	3,82	-0,12	3,70	-0,20	3,50	-0,12	3,38	0,52	3,90
278	2	11400	2	11500	2	4,74	0,40	5,14	-0,02	5,12	0,26	5,38	-0,98	4,40	-0,38	4,02	0,56	4,58
279	2	11500	2	11600	2	3,02	0,24	3,26	-0,02	3,24	0,56	3,80	-0,26	3,54	-0,74	2,80	1,22	4,02
280	2	11600	2	11700	2	5,26	0,30	5,56	-0,02	5,54	-0,40	5,14	-0,38	4,76	-0,38	4,38	0,40	4,78
281	2	11700	2	11800	2	5,04	-0,22	4,82	0,32	5,14	0,48	5,62	-1,60	4,02	1,52	5,54	-1,00	4,54
282	2	11800	2	11900	2	5,44	-0,12	5,32	1,14	6,46	-1,79	4,67	-0,19	4,48	0,80	5,28	-0,44	4,84
283	2	11900	2	12000	2	4,04	-0,14	3,90	0,08	3,98	0,92	4,90	-1,14	3,76	0,22	3,98	-0,28	3,70
284	2	12000	2	12100	2	5,16	0,46	5,62	0,16	5,78	0,06	5,84	-1,40	4,44	0,62	5,06	0,26	5,32
285	2	12100	2	12200	2	3,46	0,17	3,63	0,09	3,72	0,06	3,78	-0,68	3,10	0,76	3,86	-0,38	3,48
286	2	12200	2	12300	2	4,22	0,50	4,72	-0,36	4,36	0,90	5,26	-1,32	3,94	0,26	4,20	0,52	4,72
287	2	12300	2	12400	2	3,82	1,36	5,18	-0,82	4,36	0,52	4,88	-0,64	4,24	0,92	5,16	-0,12	5,04
288	2	12400	2	12500	2	4,88	0,14	5,02	0,54	5,56	-0,44	5,12	-0,76	4,36	1,12	5,48	-0,46	5,02

No	From		Til		Felt, lane	IRI 2005	ΔRI05-06	IRI 2006	ΔRI06-07	IRI 2007	ΔRI07-08	IRI 2008	ΔRI08-09	IRI 2009	ΔRI09-10	IRI 2010	ΔRI10-11	IRI 2011
	Hp	M	Hp	M														
289	2	12500	2	12600	2	5,22	-0,48	4,74	0,63	5,37	0,49	5,86	-0,92	4,94	0,74	5,68	-0,32	5,36
290	2	12600	2	12700	2	4,08	1,71	5,78	0,24	6,02	-1,02	5,00	-0,32	4,68	-0,10	4,58	0,20	4,78
291	2	12700	2	12800	2	4,06	0,58	4,64	0,80	5,44	0,22	5,66	-1,66	4,00	1,18	5,18	-1,16	4,02
292	2	12800	2	12900	2	3,38	0,24	3,62	-0,02	3,60	-0,06	3,54	0,00	3,54	1,28	4,82	-0,22	4,60
293	2	12900	2	13000	2	2,60	0,54	3,14	-0,24	2,90	0,50	3,40	0,08	3,48	-0,78	2,70	1,08	3,78
294	2	13000	2	13100	2	4,16	-0,56	3,60	1,16	4,76	-0,18	4,58	-0,36	4,22	-0,18	4,04	0,72	4,76
295	2	13100	2	13200	2	3,68	0,54	4,22	0,52	4,74	-0,32	4,42	0,43	4,85	-0,83	4,02	-0,04	3,98
296	2	13200	2	13350	2	1,67	-0,03	1,63	0,05	1,68	0,38	2,07	-0,08	1,99	0,46	2,44	0,47	2,91

Appendix 5

Comparison of rutting on Fv 704

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
1	1	500	1	600	1	10,33	3,83	14,17	-10,33	3,83	3,83	7,67	0,19	7,86	2,96	10,82	2,80	13,62
2	1	600	1	700	1	13,20	2,80	16,00	-12,20	3,80	3,60	7,40	2,00	9,40	3,52	12,92	4,26	17,18
3	1	700	1	800	1	16,60	3,80	20,40	-16,00	4,40	4,40	8,80	2,22	11,02	2,68	13,70	5,90	19,60
4	1	800	1	900	1	13,40	3,80	17,20	-12,20	5,00	3,20	8,20	0,80	9,00	2,32	11,32	5,16	16,48
5	1	900	1	1000	1	13,60	3,20	16,80	-12,80	4,00	3,20	7,20	-0,06	7,14	1,54	8,68	4,40	13,08
6	1	1000	1	1100	1	11,00	3,80	14,80	-10,00	4,80	2,80	7,60	-1,84	5,76	2,58	8,34	2,74	11,08
7	1	1100	1	1200	1	14,60	5,20	19,80	-15,00	4,80	3,60	8,40	-0,20	8,20	2,60	10,80	3,60	14,40
8	1	1200	1	1300	1	15,00	3,00	18,00	-12,20	5,80	2,80	8,60	-0,26	8,34	2,24	10,58	3,02	13,60
9	1	1300	1	1400	1	14,00	3,40	17,40	-12,40	5,00	3,40	8,40	-0,26	8,14	2,30	10,44	3,32	13,76
10	1	1400	1	1500	1	16,20	3,40	19,60	-14,20	5,40	4,20	9,60	-0,44	9,16	3,14	12,30	2,90	15,20
11	1	1500	1	1600	1	17,00	2,20	19,20	-14,40	4,80	4,00	8,80	0,24	9,04	2,98	12,02	4,30	16,32
12	1	1600	1	1700	1	18,00	3,20	21,20	-15,80	5,40	5,00	10,40	0,00	10,40	2,70	13,10	4,32	17,42
13	1	1700	1	1800	1	14,20	3,00	17,20	-13,00	4,20	4,60	8,80	-0,86	7,94	1,52	9,46	4,74	14,20
14	1	1800	1	1900	1	13,80	2,40	16,20	-11,60	4,60	3,20	7,80	-0,58	7,22	1,58	8,80	4,04	12,84
15	1	1900	1	2000	1	12,80	3,00	15,80	-11,20	4,60	3,20	7,80	-0,20	7,60	2,80	10,40	0,44	10,84
16	1	500	1	600	2	14,20	2,40	16,60	-12,27	4,33	3,07	7,40	1,98	9,38	2,92	12,30	4,04	16,34
17	1	600	1	700	2	20,00	2,60	22,60	-18,20	4,40	4,60	9,00	0,06	9,06	2,50	11,56	2,38	13,94
18	1	700	1	800	2	15,20	2,20	17,40	-13,20	4,20	4,00	8,20	-0,22	7,98	2,72	10,70	4,50	15,20
19	1	800	1	900	2	17,60	3,40	21,00	-16,00	5,00	4,00	9,00	-0,16	8,84	2,80	11,64	4,06	15,70
20	1	900	1	1000	2	22,20	5,00	27,20	-23,00	4,20	4,80	9,00	1,26	10,26	3,06	13,32	3,84	17,16
21	1	1000	1	1100	2	21,80	5,20	27,00	-23,20	3,80	5,03	8,83	0,11	8,94	2,60	11,54	4,44	15,98
22	1	1100	1	1200	2	19,40	3,40	22,80	-19,00	3,80	4,60	8,40	1,18	9,58	2,52	12,10	3,08	15,18
23	1	1200	1	1300	2	21,20	2,80	24,00	-19,80	4,20	3,40	7,60	-0,08	7,52	2,94	10,46	2,86	13,32
24	1	1300	1	1400	2	15,80	1,20	17,00	-13,40	3,60	3,40	7,00	0,44	7,44	2,90	10,34	3,84	14,18
25	1	1400	1	1500	2	16,80	2,00	18,80	-14,60	4,20	3,40	7,60	0,64	8,24	2,98	11,22	3,60	14,82
26	1	1500	1	1600	2	16,60	1,40	18,00	-13,40	4,60	4,40	9,00	0,26	9,26	2,62	11,88	3,28	15,16
27	1	1600	1	1700	2	17,00	2,00	19,00	-14,80	4,20	4,20	8,40	0,18	8,58	2,90	11,48	5,16	16,64
28	1	1700	1	1800	2	18,80	2,00	20,80	-16,63	4,17	5,03	9,20	0,82	10,02	2,52	12,54	4,44	16,98
29	1	1800	1	1900	2	17,60	2,60	20,20	-16,60	3,60	4,40	8,00	0,28	8,28	2,92	11,20	2,28	13,48
30	1	1900	1	2000	2	13,80	2,87	16,67	-13,07	3,60	3,40	7,00	0,16	7,16	2,84	10,00	3,78	13,78
31	2	0	2	100	1	3,00	5,00	8,00	1,60	9,60	3,20	12,80	0,52	13,32	2,08	15,40	3,02	18,42
32	2	100	2	200	1	4,60	4,40	9,00	1,60	10,60	3,40	14,00	1,48	15,48	2,54	18,02	1,40	19,42

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM M09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
33	2	200	2	300	1	4,17	4,63	8,80	3,20	12,00	2,20	14,20	-1,26	12,94	1,28	14,22	5,60	19,82
34	2	300	2	400	1	2,60	4,60	7,20	1,80	9,00	2,40	11,40	-0,62	10,78	1,88	12,66	2,32	14,98
35	2	400	2	500	1	2,80	5,80	8,60	-0,20	8,40	3,40	11,80	0,60	12,40	1,62	14,02	1,70	15,72
36	2	500	2	600	1	2,80	5,80	8,60	1,20	9,80	1,20	11,00	-3,16	7,84	1,30	9,14	3,36	12,50
37	2	600	2	700	1	4,20	6,20	10,40	1,20	11,60	3,20	14,80	-1,28	13,52	2,84	16,36	0,54	16,90
38	2	700	2	800	1	3,40	6,00	9,40	1,80	11,20	1,80	13,00	-2,16	10,84	0,86	11,70	7,30	19,00
39	2	800	2	900	1	2,80	5,60	8,40	0,40	8,80	1,20	10,00	-1,14	8,86	2,18	11,04	1,34	12,38
40	2	900	2	1000	1	3,40	5,20	8,60	1,20	9,80	1,60	11,40	-0,22	11,18	2,74	13,92	2,52	16,44
41	2	1000	2	1100	1	3,20	5,20	8,40	1,20	9,60	2,80	12,40	-1,04	11,36	2,28	13,64	2,34	15,98
42	2	1100	2	1200	1	3,40	8,00	11,40	-0,60	10,80	2,40	13,20	-0,96	12,24	2,04	14,28	2,00	16,28
43	2	1200	2	1300	1	4,40	6,00	10,40	2,40	12,80	3,20	16,00	-0,12	15,88	2,10	17,98	4,20	22,18
44	2	1300	2	1400	1	3,40	5,40	8,80	2,20	11,00	2,00	13,00	-0,30	12,70	2,04	14,74	3,70	18,44
45	2	1400	2	1500	1	3,80	4,60	8,40	0,60	9,00	3,20	12,20	0,18	12,38	1,86	14,24	2,04	16,28
46	2	1500	2	1600	1	3,40	5,00	8,40	1,20	9,60	3,20	12,80	0,08	12,88	2,08	14,96	2,62	17,58
47	2	1600	2	1700	1	3,00	6,60	9,60	0,80	10,40	4,00	14,40	-0,60	13,80	2,82	16,62	-0,22	16,40
48	2	1700	2	1800	1	2,40	6,80	9,20	1,40	10,60	3,20	13,80	0,80	14,60	2,72	17,32	1,70	19,02
49	2	1800	2	1900	1	2,20	7,60	9,80	2,00	11,80	2,80	14,60	-0,40	14,20	1,64	15,84	3,80	19,64
50	2	1900	2	2000	1	2,60	6,20	8,80	2,60	11,40	1,00	12,40	-1,94	10,46	1,46	11,92	3,52	15,44
51	2	2000	2	2100	1	3,80	4,80	8,60	1,00	9,60	2,40	12,00	1,42	13,42	2,16	15,58	0,52	16,10
52	2	2100	2	2200	1	3,40	6,40	9,80	2,00	11,80	2,20	14,00	0,14	14,14	1,46	15,60	2,70	18,30
53	2	2200	2	2300	1	2,60	8,40	11,00	2,40	13,40	0,20	13,60	-2,84	10,76	1,16	11,92	4,42	16,34
54	2	2300	2	2400	1	3,80	4,80	8,60	1,20	9,80	2,20	12,00	-0,92	11,08	2,54	13,62	0,10	13,72
55	2	2400	2	2500	1	3,80	5,00	8,80	1,80	10,60	3,00	13,60	0,32	13,92	1,68	15,60	2,64	18,24
56	2	2500	2	2600	1	3,40	4,40	7,80	1,60	9,40	2,40	11,80	-0,32	11,48	0,96	12,44	3,56	16,00
57	2	2600	2	2700	1	3,60	3,60	7,20	1,80	9,00	3,20	12,20	0,26	12,46	1,58	14,04	2,58	16,62
58	2	2700	2	2800	1	3,40	4,60	8,00	2,40	10,40	1,00	11,40	-0,66	10,74	1,32	12,06	4,34	16,40
59	2	2800	2	2900	1	11,00	4,50	15,50	-2,50	13,00	2,20	15,20	0,36	15,56	-1,70	13,86	1,84	15,70
60	2	2900	2	3000	1	16,20	1,40	17,60	0,00	17,60	3,60	21,20	-1,64	19,56	-15,24	4,32	2,56	6,88
61	2	3000	2	3100	1	12,20	3,00	15,20	-1,40	13,80	1,60	15,40	-1,28	14,12	-10,06	4,06	3,18	7,24
62	2	3100	2	3200	1	23,80	3,60	27,40	-0,40	27,00	-7,00	20,00	-0,26	19,74	-14,50	5,24	3,80	9,04
63	2	3200	2	3300	1	21,60	3,00	24,60	-0,20	24,40	2,20	26,60	1,60	28,20	-22,40	5,80	4,56	10,36
64	2	3300	2	3400	1	18,80	6,20	25,00	0,40	25,40	0,80	26,20	3,26	29,46	-23,86	5,60	4,26	9,86

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM M09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
65	2	3400	2	3500	1	14,20	2,40	16,60	-0,60	16,00	2,60	18,60	-0,52	18,08	-13,44	4,64	2,70	7,34
66	2	3500	2	3600	1	15,80	2,40	18,20	-2,20	16,00	3,60	19,60	1,88	21,48	-16,38	5,10	2,48	7,58
67	2	3600	2	3700	1	9,00	5,40	14,40	1,00	15,40	0,20	15,60	-2,80	12,80	-2,46	10,34	-2,58	7,76
68	2	3700	2	3800	1	7,20	5,20	12,40	0,40	12,80	0,20	13,00	-0,30	12,70	0,30	13,00	-8,62	4,38
69	2	3800	2	3900	1	8,20	7,40	15,60	-2,00	13,60	-1,20	12,40	1,86	14,26	-2,24	12,02	-5,04	6,98
70	2	3900	2	4000	1	9,80	6,00	15,80	1,60	17,40	-3,40	14,00	2,60	16,60	-4,26	12,34	-6,18	6,16
71	2	4000	2	4100	1	9,40	1,80	11,20	1,80	13,00	-1,60	11,40	-0,04	11,36	-0,28	11,08	-2,80	8,28
72	2	4100	2	4200	1	8,80	3,20	12,00	-2,20	9,80	3,80	13,60	-2,00	11,60	2,62	14,22	-9,00	5,22
73	2	4200	2	4300	1	9,20	4,40	13,60	2,40	16,00	0,60	16,60	-3,98	12,62	0,48	13,10	-4,60	8,50
74	2	4300	2	4400	1	6,20	4,00	10,20	1,40	11,60	0,20	11,80	-3,42	8,38	3,12	11,50	-6,44	5,06
75	2	4400	2	4500	1	11,00	4,00	15,00	0,60	15,60	2,20	17,80	3,40	21,20	6,12	27,32	-19,86	7,46
76	2	4500	2	4600	1	13,20	2,40	15,60	-2,00	13,60	5,60	19,20	4,04	23,24	0,98	24,22	-18,76	5,46
77	2	4600	2	4700	1	13,60	2,40	16,00	-1,00	15,00	3,20	18,20	-0,26	17,94	2,24	20,18	-16,36	3,82
78	2	4700	2	4800	1	13,40	4,80	18,20	-0,20	18,00	1,60	19,60	-1,04	18,56	1,38	19,94	-16,06	3,88
79	2	4800	2	4900	1	12,80	2,60	15,40	2,00	17,40	-0,20	17,20	-0,88	16,32	3,02	19,34	-14,96	4,38
80	2	4900	2	5000	1	14,60	2,80	17,40	-0,20	17,20	4,20	21,40	0,70	22,10	3,92	26,02	-23,42	2,60
81	2	5000	2	5100	1	8,80	4,20	13,00	2,00	15,00	-1,80	13,20	-0,66	12,54	3,02	15,56	-12,06	3,50
82	2	5100	2	5200	1	8,60	4,80	13,40	1,80	15,20	-5,20	10,00	1,74	11,74	0,46	12,20	-8,66	3,54
83	2	5200	2	5300	1	11,80	3,60	15,40	-2,40	13,00	0,40	13,40	3,64	17,04	0,46	17,50	-13,38	4,12
84	2	5300	2	5400	1	11,00	4,80	15,80	1,40	17,20	1,60	18,80	-3,02	15,78	1,80	17,58	-13,06	4,52
85	2	5400	2	5500	1	9,60	4,20	13,80	0,40	14,20	1,40	15,60	0,22	15,82	1,48	17,30	-14,00	3,30
86	2	5500	2	5600	1	10,60	4,00	14,60	2,40	17,00	-0,40	16,60	-2,66	13,94	8,10	22,04	-17,38	4,66
87	2	5600	2	5700	1	11,20	2,60	13,80	-1,20	12,60	1,60	14,20	-1,30	12,90	2,36	15,26	-11,66	3,60
88	2	5700	2	5800	1	12,80	2,20	15,00	0,40	15,40	1,20	16,60	-2,54	14,06	1,54	15,60	-11,10	4,50
89	2	5800	2	5900	1	18,60	-1,93	16,67	-0,27	16,40	-6,40	10,00	-2,60	7,40	0,26	7,66	-1,06	6,60
90	2	5900	2	6000	1	26,60	1,90	28,50	-2,30	26,20	-16,20	10,00	-0,36	9,64	0,66	10,30	1,46	11,76
91	2	6000	2	6100	1	19,60	1,80	21,40	4,60	26,00	-17,00	9,00	-2,17	6,83	5,49	12,32	0,76	13,08
92	2	6100	2	6200	1	21,60	4,40	26,00	2,20	28,20	-18,80	9,40	-0,92	8,48	0,16	8,64	8,80	17,44
93	2	6200	2	6300	1	11,20	1,80	13,00	-1,60	11,40	-4,80	6,60	-0,98	5,62	1,60	7,22	0,48	7,70
94	2	6300	2	6400	1	11,80	3,20	15,00	-1,60	13,40	-6,40	7,00	-1,30	5,70	0,86	6,56	3,22	9,78
95	2	6400	2	6500	1	16,00	2,00	18,00	1,20	19,20	-10,60	8,60	-3,24	5,36	1,54	6,90	1,12	8,02
96	2	6500	2	6600	1	10,40	2,00	12,40	-2,00	10,40	-4,60	5,80	-0,82	4,98	2,42	7,40	0,18	7,58

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM M09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
97	2	6600	2	6700	1	12,00	2,80	14,80	-1,20	13,60	-6,80	6,80	-0,28	6,52	2,08	8,60	2,82	11,42
98	2	6700	2	6800	1	12,60	3,40	16,00	-2,80	13,20	-5,80	7,40	-0,12	7,28	2,70	9,98	-1,32	8,66
99	2	6800	2	6900	1	15,40	2,20	17,60	1,00	18,60	-11,20	7,40	-0,20	7,20	1,64	8,84	4,88	13,72
100	2	6900	2	7000	1	12,60	2,40	15,00	-0,80	14,20	-6,60	7,60	-1,76	5,84	2,92	8,76	0,80	9,56
101	2	7000	2	7100	1	11,40	3,20	14,60	0,60	15,20	-8,80	6,40	-0,76	5,64	2,78	8,42	-0,54	7,88
102	2	7100	2	7200	1	12,00	1,80	13,80	-2,40	11,40	-4,00	7,40	-3,06	4,34	3,30	7,64	-0,82	6,82
103	2	7200	2	7300	1	13,20	3,80	17,00	1,00	18,00	-9,20	8,80	-2,34	6,46	0,86	7,32	2,68	10,00
104	2	7300	2	7400	1	16,00	3,80	19,80	-0,60	19,20	-9,80	9,40	-2,30	7,10	1,34	8,44	1,90	10,34
105	2	7400	2	7500	1	17,80	2,00	19,80	-4,00	15,80	-6,40	9,40	-1,18	8,22	3,16	11,38	-3,44	7,94
106	2	7500	2	7600	1	15,60	3,40	19,00	5,20	24,20	-16,00	8,20	-1,20	7,00	4,34	11,34	0,80	12,14
107	2	7600	2	7700	1	9,80	0,60	10,40	5,00	15,40	-8,80	6,60	-0,88	5,72	1,68	7,40	1,58	8,98
108	2	7700	2	7800	1	18,00	1,20	19,20	-4,80	14,40	2,20	16,60	9,34	25,94	-22,34	3,60	3,82	7,42
109	2	7800	2	7900	1	14,20	3,80	18,00	4,20	22,20	2,60	24,80	-2,48	22,32	-19,76	2,56	2,30	4,86
110	2	7900	2	8000	1	11,00	7,00	18,00	-2,20	15,80	5,00	20,80	2,00	22,80	-19,86	2,94	0,64	3,58
111	2	8000	2	8100	1	14,00	0,20	14,20	5,40	19,60	0,00	19,60	-4,96	14,64	-9,94	4,70	0,02	4,72
112	2	8100	2	8200	1	16,75	0,85	17,60	-2,20	15,40	3,20	18,60	4,42	23,02	-18,58	4,44	0,30	4,74
113	2	8200	2	8300	1	10,20	6,00	16,20	3,40	19,60	0,40	20,00	-5,28	14,72	-11,32	3,40	1,38	4,78
114	2	8300	2	8400	1	15,20	2,20	17,40	-0,20	17,20	3,60	20,80	2,62	23,42	-18,28	5,14	-1,36	3,78
115	2	8400	2	8500	1	14,80	5,60	20,40	-1,00	19,40	1,40	20,80	0,60	21,40	-15,86	5,54	-1,08	4,46
116	2	8500	2	8600	1	13,20	3,80	17,00	-0,80	16,20	-1,20	15,00	7,52	22,52	-17,38	5,14	-0,52	4,62
117	2	8600	2	8700	1	29,80	0,80	30,60	3,80	34,40	3,80	38,20	-6,90	31,30	-26,36	4,94	0,22	5,16
118	2	8700	2	8800	1	18,00	2,40	20,40	0,40	20,80	-0,20	20,60	0,14	20,74	-15,20	5,54	0,26	5,80
119	2	8800	2	8900	1	5,80	4,60	10,40	3,00	13,40	-0,60	12,80	-6,42	6,38	0,60	6,98	-2,86	4,12
120	2	8900	2	9000	1	19,40	0,60	20,00	-7,60	12,40	4,20	16,60	11,34	27,94	-23,06	4,88	0,02	4,90
121	2	9000	2	9100	1	33,60	7,20	40,80	-2,20	38,60	1,80	40,40	4,40	44,80	-39,98	4,82	1,74	6,56
122	2	9100	2	9200	1	26,60	6,00	32,60	3,20	35,80	-1,80	34,00	-2,64	31,36	-26,96	4,40	1,32	5,72
123	2	9200	2	9300	1	10,80	2,40	13,20	3,60	16,80	-0,80	16,00	-2,28	13,72	-11,10	2,62	3,20	5,82
124	2	9300	2	9400	1	10,20	1,40	11,60	1,80	13,40	1,40	14,80	-2,48	12,32	-8,98	3,34	1,06	4,40
125	2	9400	2	9500	1	18,40	0,40	18,80	-4,60	14,20	4,40	18,60	5,14	23,74	-19,10	4,64	1,00	5,64
126	2	9500	2	9600	1	21,80	-0,40	21,40	2,60	24,00	3,40	27,40	-0,16	27,24	-18,90	8,34	-2,04	6,30
127	2	9600	2	9700	1	17,80	2,20	20,00	-1,00	19,00	2,80	21,80	-1,10	20,70	-15,66	5,04	1,18	6,22
128	2	9700	2	9800	1	20,60	0,80	21,40	-2,00	19,40	4,00	23,40	1,68	25,08	-20,80	4,28	1,82	6,10

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
129	2	9800	2	9900	1	12,80	-0,20	12,60	4,80	17,40	0,40	17,80	-6,44	11,36	-6,00	5,36	0,30	5,66
130	2	9900	2	10000	1	14,00	2,00	16,00	-3,40	12,60	3,80	16,40	-1,60	14,80	-9,86	4,94	-0,70	4,24
131	2	10000	2	10100	1	20,80	3,20	24,00	-9,20	14,80	6,20	21,00	5,80	26,80	-23,34	3,46	0,68	4,14
132	2	10100	2	10200	1	22,20	1,40	23,60	2,00	25,60	-2,80	22,80	0,08	22,88	-20,52	2,36	2,24	4,60
133	2	10200	2	10300	1	18,80	-0,20	18,60	3,40	22,00	-0,80	21,20	6,96	28,16	-25,18	2,98	0,86	3,84
134	2	10300	2	10400	1	29,60	8,20	37,80	-2,40	35,40	-4,40	31,00	11,06	42,06	-35,12	6,94	-2,02	4,92
135	2	10400	2	10500	1	15,40	3,80	19,20	3,97	23,17	-3,77	19,40	-1,74	17,66	-10,92	6,74	-2,42	4,32
136	2	10500	2	10600	1	12,00	-0,80	11,20	-1,60	9,60	2,00	11,60	-0,22	11,38	2,92	14,30	-2,92	11,38
137	2	10600	2	10700	1	11,60	3,60	15,20	1,40	16,60	-7,00	9,60	1,82	11,42	-0,80	10,62	-3,72	6,90
138	2	10700	2	10800	1	9,20	2,40	11,60	-2,00	9,60	1,80	11,40	1,00	12,40	-1,86	10,54	-4,78	5,76
139	2	10800	2	10900	1	16,40	-3,60	12,80	2,80	15,60	-4,00	11,60	3,70	15,30	6,78	22,08	-12,62	9,46
140	2	10900	2	11000	1	20,00	-0,80	19,20	0,00	19,20	-4,20	15,00	3,94	18,94	1,58	20,52	-8,00	12,52
141	2	11000	2	11100	1	9,80	0,60	10,40	0,80	11,20	3,20	14,40	-1,00	13,40	6,68	20,08	-9,80	10,28
142	2	11100	2	11200	1	18,60	-0,60	18,00	0,80	18,80	-4,00	14,80	0,70	15,50	2,38	17,88	-1,46	16,42
143	2	11200	2	11300	1	11,40	0,60	12,00	-0,80	11,20	-0,60	10,60	-1,34	9,26	2,54	11,80	-4,10	7,70
144	2	11300	2	11400	1	8,00	0,20	8,20	-0,60	7,60	-0,40	7,20	1,60	8,80	5,62	14,42	-7,94	6,48
145	2	11400	2	11500	1	27,40	1,00	28,40	-8,00	20,40	-1,20	19,20	12,08	31,28	3,92	35,20	-17,82	17,38
146	2	11500	2	11600	1	23,40	-1,20	22,20	-3,80	18,40	-0,80	17,60	4,76	22,36	4,94	27,30	-10,62	16,68
147	2	11600	2	11700	1	22,00	-2,40	19,60	2,60	22,20	-6,00	16,20	5,80	22,00	1,78	23,78	-5,40	18,38
148	2	11700	2	11800	1	22,40	-1,80	20,60	-2,60	18,00	-0,20	17,80	5,26	23,06	1,56	24,62	-12,36	12,26
149	2	11800	2	11900	1	14,00	1,40	15,40	0,20	15,60	-1,80	13,80	7,98	21,78	-0,46	21,32	-2,32	19,00
150	2	11900	2	12000	1	19,60	3,00	22,60	-2,40	20,20	-3,20	17,00	7,04	24,04	0,16	24,20	-9,82	14,38
151	2	12000	2	12100	1	23,60	1,60	25,20	0,00	25,20	-7,60	17,60	15,42	33,02	2,24	35,26	-21,32	13,94
152	2	12100	2	12200	1	17,40	6,40	23,80	0,60	24,40	-6,40	18,00	4,24	22,24	-0,22	22,02	-7,46	14,56
153	2	12200	2	12300	1	8,80	0,80	9,60	1,60	11,20	0,60	11,80	2,00	13,80	4,32	18,12	-7,90	10,22
154	2	12300	2	12400	1	9,80	3,00	12,80	1,00	13,80	0,40	14,20	3,60	17,80	2,94	20,74	-6,70	14,04
155	2	12400	2	12500	1	9,80	3,60	13,40	3,60	17,00	-3,20	13,80	2,02	15,82	8,40	24,22	-10,22	14,00
156	2	12500	2	12600	1	10,00	1,60	11,60	0,40	12,00	0,20	12,20	2,62	14,82	2,64	17,46	-6,54	10,92
157	2	12600	2	12700	1	11,20	1,60	12,80	-0,80	12,00	-2,80	9,20	7,84	17,04	3,08	20,12	-12,60	7,52
158	2	12700	2	12800	1	6,20	4,60	10,80	1,20	12,00	-4,00	8,00	3,88	11,88	9,12	21,00	-15,16	5,84
159	2	12800	2	12900	1	12,40	2,60	15,00	-2,60	12,40	-4,20	8,20	8,90	17,10	0,18	17,28	-11,10	6,18
160	2	12900	2	13000	1	11,00	1,17	12,17	2,83	15,00	-5,20	9,80	7,88	17,68	0,76	18,44	-6,72	11,72

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
161	2	13000	2	13100	1	10,60	-1,80	8,80	0,87	9,67	-3,67	6,00	7,10	13,10	0,40	13,50	-9,60	3,90
162	2	13100	2	13200	1	10,00	1,60	11,60	-0,60	11,00	-2,00	9,00	4,36	13,36	1,12	14,48	-8,68	5,80
163	2	13200	2	13350	1	3,43	1,14	4,57	0,00	4,57	4,14	8,71	-4,81	3,90	0,30	4,20	2,51	6,71
164	2	0	2	100	2	4,40	2,40	6,80	4,00	10,80	1,00	11,80	0,66	12,46	2,04	14,50	4,52	19,02
165	2	100	2	200	2	4,20	3,40	7,60	3,60	11,20	2,80	14,00	0,60	14,60	2,22	16,82	4,60	21,42
166	2	200	2	300	2	4,00	4,00	8,00	3,20	11,20	3,00	14,20	1,22	15,42	1,74	17,16	3,88	21,04
167	2	300	2	400	2	3,60	3,80	7,40	3,40	10,80	2,00	12,80	1,34	14,14	2,06	16,20	0,68	16,88
168	2	400	2	500	2	3,20	2,20	5,40	3,40	8,80	1,60	10,40	-0,72	9,68	0,80	10,48	0,70	11,18
169	2	500	2	600	2	2,80	2,60	5,40	4,60	10,00	1,00	11,00	0,02	11,02	1,66	12,68	1,90	14,58
170	2	600	2	700	2	2,60	3,40	6,00	4,20	10,20	1,40	11,60	0,28	11,88	2,22	14,10	2,80	16,90
171	2	700	2	800	2	3,60	3,20	6,80	3,00	9,80	2,80	12,60	0,74	13,34	2,46	15,80	1,88	17,68
172	2	800	2	900	2	3,20	2,00	5,20	4,80	10,00	3,00	13,00	-1,80	11,20	0,98	12,18	2,08	14,26
173	2	900	2	1000	2	3,20	3,00	6,20	4,13	10,33	1,67	12,00	-0,42	11,58	2,00	13,58	2,06	15,64
174	2	1000	2	1100	2	3,40	3,40	6,80	1,80	8,60	1,60	10,20	0,42	10,62	2,22	12,84	5,46	18,30
175	2	1100	2	1200	2	4,00	4,20	8,20	3,80	12,00	1,80	13,80	2,16	15,96	1,90	17,86	0,06	17,92
176	2	1200	2	1300	2	3,60	3,00	6,60	2,40	9,00	3,00	12,00	0,56	12,56	2,72	15,28	2,30	17,58
177	2	1300	2	1400	2	3,40	3,40	6,80	1,60	8,40	2,40	10,80	0,96	11,76	2,42	14,18	2,04	16,22
178	2	1400	2	1500	2	3,80	3,00	6,80	3,80	10,60	2,20	12,80	0,52	13,32	2,16	15,48	1,90	17,38
179	2	1500	2	1600	2	3,40	3,40	6,80	2,60	9,40	2,00	11,40	0,42	11,82	2,20	14,02	5,10	19,12
180	2	1600	2	1700	2	3,20	4,40	7,60	2,80	10,40	1,80	12,20	3,76	15,96	3,28	19,24	-2,60	16,64
181	2	1700	2	1800	2	2,60	3,20	5,80	4,00	9,80	3,00	12,80	-1,22	11,58	2,48	14,06	3,70	17,76
182	2	1800	2	1900	2	2,80	3,00	5,80	6,00	11,80	2,80	14,60	-1,52	13,08	1,86	14,94	7,32	22,26
183	2	1900	2	2000	2	3,80	3,80	7,60	3,60	11,20	3,20	14,40	1,42	15,82	1,94	17,76	1,18	18,94
184	2	2000	2	2100	2	10,20	1,20	11,40	4,80	16,20	0,20	16,40	-0,12	16,28	0,10	16,38	2,54	18,92
185	2	2100	2	2200	2	3,60	3,40	7,00	4,00	11,00	3,00	14,00	0,52	14,52	2,70	17,22	2,66	19,88
186	2	2200	2	2300	2	2,80	4,00	6,80	4,40	11,20	1,40	12,60	1,84	14,44	0,98	15,42	2,02	17,44
187	2	2300	2	2400	2	3,20	2,80	6,00	4,20	10,20	1,00	11,20	-1,58	9,62	1,46	11,08	2,06	13,14
188	2	2400	2	2500	2	3,40	3,60	7,00	3,20	10,20	2,80	13,00	-0,34	12,66	2,58	15,24	3,00	18,24
189	2	2500	2	2600	2	3,40	3,60	7,00	3,80	10,80	3,00	13,80	0,62	14,42	2,96	17,38	4,82	22,20
190	2	2600	2	2700	2	3,00	4,00	7,00	4,00	11,00	2,20	13,20	0,70	13,90	1,52	15,42	2,60	18,02
191	2	2700	2	2800	2	3,60	3,20	6,80	2,60	9,40	1,40	10,80	1,20	12,00	1,78	13,78	1,88	15,66
192	2	2800	2	2900	2	12,00	3,80	15,80	0,80	16,60	2,00	18,60	1,36	19,96	-1,08	18,88	-2,24	16,64

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
193	2	2900	2	3000	2	14,80	-0,40	14,40	3,40	17,80	0,60	18,40	-2,08	16,33	-12,31	4,02	0,64	4,66
194	2	3000	2	3100	2	10,00	2,40	12,40	4,80	17,20	0,80	18,00	-3,92	14,08	-10,14	3,94	3,62	7,56
195	2	3100	2	3200	2	28,00	2,60	30,60	2,60	33,20	-11,00	22,20	0,18	22,38	-16,28	6,10	3,60	9,70
196	2	3200	2	3300	2	21,40	-0,20	21,20	3,80	25,00	2,40	27,40	1,44	28,84	-23,20	5,64	3,40	9,04
197	2	3300	2	3400	2	18,40	2,20	20,60	1,40	22,00	1,40	23,40	1,60	25,00	-20,30	4,70	4,92	9,62
198	2	3400	2	3500	2	22,40	1,00	23,40	2,80	26,20	3,20	29,40	-0,16	29,24	-23,94	5,30	2,18	7,48
199	2	3500	2	3600	2	20,40	2,60	23,00	1,80	24,80	1,20	26,00	1,06	27,06	-18,64	8,42	-0,66	7,76
200	2	3600	2	3700	2	18,20	-0,80	17,40	4,80	22,20	0,80	23,00	1,16	24,16	-6,66	17,50	-12,04	5,46
201	2	3700	2	3800	2	15,40	0,00	15,40	4,20	19,60	0,20	19,80	-0,18	19,62	-3,02	16,60	-12,48	4,12
202	2	3800	2	3900	2	7,60	0,60	8,20	7,40	15,60	0,40	16,00	-6,34	9,66	0,64	10,30	-6,28	4,02
203	2	3900	2	4000	2	8,00	0,80	8,80	3,40	12,20	1,40	13,60	-3,74	9,86	0,04	9,90	-5,54	4,36
204	2	4000	2	4100	2	18,80	2,60	21,40	1,60	23,00	0,20	23,20	0,78	23,98	0,66	24,64	-17,52	7,12
205	2	4100	2	4200	2	15,80	0,60	16,40	3,00	19,40	1,00	20,40	0,64	21,04	1,32	22,36	-15,54	6,82
206	2	4200	2	4300	2	13,60	0,00	13,60	4,00	17,60	3,00	20,60	-1,46	19,14	1,14	20,28	-14,20	6,08
207	2	4300	2	4400	2	12,80	2,40	15,20	5,00	20,20	0,60	20,80	-2,18	18,62	2,46	21,08	-16,44	4,64
208	2	4400	2	4500	2	17,00	3,60	20,60	2,80	23,40	3,60	27,00	-0,52	26,48	6,94	33,42	-27,78	5,64
209	2	4500	2	4600	2	13,20	1,60	14,80	2,80	17,60	1,20	18,80	0,58	19,38	4,08	23,46	-17,52	5,94
210	2	4600	2	4700	2	11,20	1,80	13,00	3,00	16,00	0,80	16,80	0,34	17,14	2,74	19,88	-14,20	5,68
211	2	4700	2	4800	2	7,00	1,40	8,40	5,40	13,80	-0,80	13,00	-1,66	11,34	-0,12	11,22	-5,44	5,78
212	2	4800	2	4900	2	13,00	1,80	14,80	4,20	19,00	-1,00	18,00	2,86	20,86	-0,20	20,66	-14,42	6,24
213	2	4900	2	5000	2	11,00	0,80	11,80	2,60	14,40	0,00	14,40	-0,34	14,06	1,58	15,64	-10,26	5,38
214	2	5000	2	5100	2	11,40	3,20	14,60	1,20	15,80	1,00	16,80	-0,02	16,78	2,98	19,76	-13,42	6,34
215	2	5100	2	5200	2	16,00	2,40	18,40	4,00	22,40	-1,40	21,00	0,90	21,90	0,80	22,70	-17,56	5,14
216	2	5200	2	5300	2	7,80	0,40	8,20	3,20	11,40	-0,20	11,20	-2,26	8,94	2,18	11,12	-7,72	3,40
217	2	5300	2	5400	2	8,60	3,20	11,80	1,60	13,40	1,40	14,80	-2,10	12,70	0,12	12,82	-8,34	4,48
218	2	5400	2	5500	2	10,20	0,20	10,40	4,80	15,20	-1,00	14,20	-2,90	11,30	1,44	12,74	-9,28	3,46
219	2	5500	2	5600	2	8,20	3,00	11,20	4,00	15,20	-0,40	14,80	-2,58	12,22	1,96	14,18	-8,02	6,16
220	2	5600	2	5700	2	12,40	2,20	14,60	2,40	17,00	0,00	17,00	-0,22	16,78	0,60	17,38	-11,64	5,74
221	2	5700	2	5800	2	9,40	0,40	9,80	2,60	12,40	1,20	13,60	-1,58	12,02	1,68	13,70	-8,76	4,94
222	2	5800	2	5900	2	13,60	1,20	14,80	3,00	17,80	-6,40	11,40	-1,18	10,22	0,88	11,10	-3,04	8,06
223	2	5900	2	6000	2	18,00	2,60	20,60	3,40	24,00	-15,80	8,20	0,32	8,52	0,36	8,88	6,68	15,56
224	2	6000	2	6100	2	11,00	-0,60	10,40	4,00	14,40	-8,60	5,80	-0,32	5,48	2,18	7,66	2,60	10,26

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM M09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
225	2	6100	2	6200	2	15,60	-1,80	13,80	6,00	19,80	-12,80	7,00	-0,32	6,68	1,42	8,10	3,92	12,02
226	2	6200	2	6300	2	17,60	1,60	19,20	0,40	19,60	-13,00	6,60	-0,44	6,16	3,18	9,34	3,58	12,92
227	2	6300	2	6400	2	22,00	-1,00	21,00	1,80	22,80	-15,20	7,60	-0,76	6,84	3,20	10,04	2,58	12,62
228	2	6400	2	6500	2	22,20	-3,37	18,83	5,83	24,67	-16,27	8,40	-1,20	7,20	1,42	8,62	2,62	11,24
229	2	6500	2	6600	2	20,40	2,40	22,80	3,40	26,20	-18,60	7,60	0,68	8,28	1,64	9,92	5,64	15,56
230	2	6600	2	6700	2	16,20	3,40	19,60	0,60	20,20	-13,40	6,80	-0,78	6,02	1,80	7,82	5,38	13,20
231	2	6700	2	6800	2	17,60	1,40	19,00	1,60	20,60	-12,80	7,80	-0,68	7,12	2,38	9,50	-0,46	9,04
232	2	6800	2	6900	2	13,80	4,95	18,75	3,65	22,40	-15,20	7,20	-1,50	5,70	1,46	7,16	4,90	12,06
233	2	6900	2	7000	2	22,50	2,70	25,20	3,00	28,20	-20,00	8,20	0,44	8,64	2,34	10,98	5,22	16,20
234	2	7000	2	7100	2	20,20	1,40	21,60	3,60	25,20	-17,40	7,80	0,26	8,06	2,38	10,44	5,60	16,04
235	2	7100	2	7200	2	25,00	2,20	27,20	1,60	28,80	-20,20	8,60	1,36	9,96	2,42	12,38	3,68	16,06
236	2	7200	2	7300	2	13,20	0,20	13,40	5,60	19,00	-7,20	11,80	-4,16	7,64	0,70	8,34	0,48	8,82
237	2	7300	2	7400	2	27,80	1,00	28,80	0,00	28,80	-20,60	8,20	-1,98	6,22	1,82	8,04	0,82	8,86
238	2	7400	2	7500	2	21,60	1,20	22,80	1,60	24,40	-17,40	7,00	-2,34	4,66	1,78	6,44	1,44	7,88
239	2	7500	2	7600	2	20,40	0,20	20,60	0,00	20,60	-14,40	6,20	-1,04	5,16	1,18	6,34	3,62	9,96
240	2	7600	2	7700	2	19,00	-0,80	18,20	3,60	21,80	-15,20	6,60	-0,80	5,80	2,18	7,98	-0,58	7,40
241	2	7700	2	7800	2	10,40	8,60	19,00	-6,80	12,20	-2,20	10,00	-1,70	8,30	-2,58	5,72	1,36	7,08
242	2	7800	2	7900	2	27,80	1,40	29,20	1,80	31,00	4,60	35,60	-0,52	35,08	-28,32	6,76	-0,50	6,26
243	2	7900	2	8000	2	12,00	1,00	13,00	4,00	17,00	2,20	19,20	-2,46	16,74	-14,20	2,54	1,90	4,44
244	2	8000	2	8100	2	22,20	2,00	24,20	0,60	24,80	4,40	29,20	2,38	31,58	-28,58	3,00	0,80	3,80
245	2	8100	2	8200	2	15,00	1,20	16,20	3,80	20,00	0,80	20,80	1,44	22,24	-18,28	3,96	0,42	4,38
246	2	8200	2	8300	2	22,80	-0,40	22,40	4,60	27,00	-2,00	25,00	9,74	34,74	-28,28	6,46	-0,34	6,12
247	2	8300	2	8400	2	19,40	1,20	20,60	-0,80	19,80	7,00	26,80	-1,06	25,74	-23,04	2,70	2,96	5,66
248	2	8400	2	8500	2	6,40	1,80	8,20	4,00	12,20	2,60	14,80	-1,90	12,90	-8,78	4,12	0,08	4,20
249	2	8500	2	8600	2	17,80	1,00	18,80	1,60	20,40	0,60	21,00	1,34	22,34	-18,16	4,18	1,36	5,54
250	2	8600	2	8700	2	23,40	1,00	24,40	-0,60	23,80	3,80	27,60	-1,02	26,58	-21,24	5,34	-0,20	5,14
251	2	8700	2	8800	2	14,40	1,40	15,80	-1,80	14,00	4,40	18,40	-1,60	16,80	-12,20	4,60	-0,58	4,02
252	2	8800	2	8900	2	15,20	2,00	17,20	1,20	18,40	0,60	19,00	2,78	21,78	-16,40	5,38	1,96	7,34
253	2	8900	2	9000	2	12,00	1,00	13,00	1,60	14,60	2,20	16,80	2,08	18,88	-14,92	3,96	1,98	5,94
254	2	9000	2	9100	2	16,40	0,40	16,80	1,00	17,80	0,80	18,60	-0,30	18,30	-14,28	4,02	1,34	5,36
255	2	9100	2	9200	2	11,80	1,20	13,00	1,60	14,60	0,60	15,20	-0,60	14,60	-11,10	3,50	1,82	5,32
256	2	9200	2	9300	2	17,60	2,40	20,00	3,40	23,40	1,20	24,60	-1,06	23,54	-19,58	3,96	1,98	5,94

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
257	2	9300	2	9400	2	15,80	3,00	18,80	0,20	19,00	2,60	21,60	0,18	21,78	-14,66	7,12	-0,28	6,84
258	2	9400	2	9500	2	26,80	5,20	32,00	2,20	34,20	-3,40	30,80	10,06	40,86	-35,86	5,00	0,96	5,96
259	2	9500	2	9600	2	38,00	4,60	42,60	2,80	45,40	1,00	46,40	6,16	52,56	-48,16	4,40	2,76	7,16
260	2	9600	2	9700	2	38,40	2,80	41,20	0,40	41,60	6,40	48,00	-2,90	45,10	-40,18	4,92	2,44	7,36
261	2	9700	2	9800	2	36,00	3,00	39,00	3,40	42,40	-1,20	41,20	7,82	49,02	-43,56	5,46	1,98	7,44
262	2	9800	2	9900	2	20,40	1,80	22,20	0,40	22,60	4,40	27,00	3,93	30,93	-24,93	6,00	-0,30	5,70
263	2	9900	2	10000	2	15,40	2,40	17,80	2,00	19,80	-2,40	17,40	8,68	26,08	-24,22	1,86	0,32	2,18
264	2	10000	2	10100	2	11,50	8,50	20,00	0,40	20,40	-0,20	20,20	0,98	21,18	-19,16	2,02	2,00	4,02
265	2	10100	2	10200	2	31,00	2,40	33,40	-3,60	29,80	6,20	36,00	7,96	43,96	-39,30	4,66	-0,36	4,30
266	2	10200	2	10300	2	26,60	2,00	28,60	1,00	29,60	3,80	33,40	-4,68	28,72	-22,84	5,88	-1,74	4,14
267	2	10300	2	10400	2	14,40	-0,40	14,00	2,20	16,20	0,00	16,20	7,38	23,58	-20,62	2,96	0,58	3,54
268	2	10400	2	10500	2	23,80	0,80	24,60	-0,40	24,20	4,20	28,40	-4,86	23,54	-16,98	6,56	0,18	6,74
269	2	10500	2	10600	2	10,00	-0,20	9,80	4,60	14,40	-1,60	12,80	-1,14	11,66	5,30	16,96	-3,00	13,96
270	2	10600	2	10700	2	5,60	0,80	6,40	2,60	9,00	0,40	9,40	-4,38	5,02	-0,68	4,34	0,54	4,88
271	2	10700	2	10800	2	5,60	-0,20	5,40	6,60	12,00	-1,40	10,60	-0,06	10,54	-5,52	5,02	4,14	9,16
272	2	10800	2	10900	2	21,60	-4,60	17,00	10,00	27,00	1,00	28,00	2,50	30,50	-1,98	28,52	2,22	30,74
273	2	10900	2	11000	2	19,80	2,00	21,80	6,60	28,40	-5,07	23,33	-4,59	18,74	2,22	20,96	1,12	22,08
274	2	11000	2	11100	2	16,20	-1,40	14,80	6,40	21,20	-3,95	17,25	-5,15	12,10	3,22	15,32	-2,24	13,08
275	2	11100	2	11200	2	10,40	0,40	10,80	8,00	18,80	-4,63	14,17	-4,21	9,96	-1,14	8,82	4,36	13,18
276	2	11200	2	11300	2	8,60	-2,40	6,20	6,40	12,60	-0,80	11,80	-6,56	5,24	-1,10	4,14	5,26	9,40
277	2	11300	2	11400	2	12,60	-1,60	11,00	4,60	15,60	-5,60	10,00	-1,98	8,02	-2,48	5,54	0,36	5,90
278	2	11400	2	11500	2	20,00	-0,80	19,20	5,20	24,40	-5,40	19,00	-1,26	17,74	-3,76	13,98	2,14	16,12
279	2	11500	2	11600	2	15,80	1,00	16,80	1,80	18,60	-7,60	11,00	-0,98	10,02	-0,24	9,78	0,36	10,14
280	2	11600	2	11700	2	16,20	1,20	17,40	3,40	20,80	-5,20	15,60	-4,84	10,76	1,08	11,84	0,48	12,32
281	2	11700	2	11800	2	12,40	-1,20	11,20	3,60	14,80	-3,40	11,40	-0,90	10,50	0,34	10,84	-0,74	10,10
282	2	11800	2	11900	2	14,00	-0,80	13,20	3,40	16,60	0,07	16,67	-2,23	14,44	3,36	17,80	-2,62	15,18
283	2	11900	2	12000	2	15,20	4,00	19,20	-1,00	18,20	0,30	18,50	-7,26	11,24	-0,94	10,30	0,76	11,06
284	2	12000	2	12100	2	20,00	1,80	21,80	0,40	22,20	9,00	31,20	-1,34	29,86	-3,42	26,44	3,52	29,96
285	2	12100	2	12200	2	14,00	4,00	18,00	1,60	19,60	-7,60	12,00	-3,80	8,20	4,54	12,74	-2,96	9,78
286	2	12200	2	12300	2	7,60	-1,40	6,20	2,60	8,80	4,00	12,80	-2,76	10,04	-0,66	9,38	-0,10	9,28
287	2	12300	2	12400	2	8,40	-3,00	5,40	5,00	10,40	5,20	15,60	-1,50	14,10	-4,38	9,72	5,12	14,84
288	2	12400	2	12500	2	13,20	1,00	14,20	4,20	18,40	-0,60	17,80	-2,84	14,96	0,96	15,92	1,78	17,70

No	From		Til		Felt, lane	Rutting 2005	ΔRDM 05-06	Rutting 2006	ΔRDM 06-07	Rutting 2007	ΔRDM 07-08	Rutting 2008	ΔRDM 08-09	Rutting 2009	ΔRDM 09-10	Rutting 2010	ΔRDM 10-11	Rutting 2011
	Hp	M	Hp	M														
289	2	12500	2	12600	2	8,20	1,60	9,80	2,40	12,20	5,80	18,00	-6,86	11,14	4,84	15,98	-1,36	14,62
290	2	12600	2	12700	2	6,40	2,00	8,40	4,60	13,00	-0,80	12,20	-2,62	9,58	-2,14	7,44	3,04	10,48
291	2	12700	2	12800	2	10,60	1,20	11,80	2,20	14,00	-2,20	11,80	0,54	12,34	-4,34	8,00	4,02	12,02
292	2	12800	2	12900	2	7,00	-0,20	6,80	3,00	9,80	-1,20	8,60	-4,58	4,02	2,06	6,08	-0,46	5,62
293	2	12900	2	13000	2	19,20	-0,40	18,80	-1,63	17,17	-6,37	10,80	-1,80	9,00	0,60	9,60	-0,20	9,40
294	2	13000	2	13100	2	11,80	0,20	12,00	2,60	14,60	-4,80	9,80	0,94	10,74	-2,42	8,32	4,06	12,38
295	2	13100	2	13200	2	13,80	2,20	16,00	1,40	17,40	0,20	17,60	-4,66	12,94	0,42	13,36	4,00	17,36
296	2	13200	2	13350	2	4,29	1,00	5,29	0,71	6,00	2,43	8,43	-2,01	6,41	-1,59	4,83	1,19	6,01

Appendix 6

Comparison of AADT on Fv 704

No	From		Til		Felt, lane	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M								
1	1	500	1	600	1	6083	6208	6334	6463	6595	6730	6865
2	1	600	1	700	1	6083	6208	6334	6463	6595	6730	6865
3	1	700	1	800	1	6083	6208	6334	6463	6595	6730	6865
4	1	800	1	900	1	6083	6208	6334	6463	6595	6730	6865
5	1	900	1	1000	1	6083	6208	6334	6463	6595	6730	6865
6	1	1000	1	1100	1	6083	6208	6334	6463	6595	6730	6865
7	1	1100	1	1200	1	6083	6208	6334	6463	6595	6730	6865
8	1	1200	1	1300	1	6083	6208	6334	6463	6595	6730	6865
9	1	1300	1	1400	1	6083	6208	6334	6463	6595	6730	6865
10	1	1400	1	1500	1	6083	6208	6334	6463	6595	6730	6865
11	1	1500	1	1600	1	6083	6208	6334	6463	6595	6730	6865
12	1	1600	1	1700	1	6083	6208	6334	6463	6595	6730	6865
13	1	1700	1	1800	1	6083	6208	6334	6463	6595	6730	6865
14	1	1800	1	1900	1	6083	6208	6334	6463	6595	6730	6865
15	1	1900	1	2000	1	6083	6208	6334	6463	6595	6730	6865
16	1	500	1	600	2	6083	6208	6334	6463	6595	6730	6865
17	1	600	1	700	2	6083	6208	6334	6463	6595	6730	6865
18	1	700	1	800	2	6083	6208	6334	6463	6595	6730	6865
19	1	800	1	900	2	6083	6208	6334	6463	6595	6730	6865
20	1	900	1	1000	2	6083	6208	6334	6463	6595	6730	6865
21	1	1000	1	1100	2	6083	6208	6334	6463	6595	6730	6865
22	1	1100	1	1200	2	6083	6208	6334	6463	6595	6730	6865
23	1	1200	1	1300	2	6083	6208	6334	6463	6595	6730	6865
24	1	1300	1	1400	2	6083	6208	6334	6463	6595	6730	6865
25	1	1400	1	1500	2	6083	6208	6334	6463	6595	6730	6865
26	1	1500	1	1600	2	6083	6208	6334	6463	6595	6730	6865
27	1	1600	1	1700	2	6083	6208	6334	6463	6595	6730	6865
28	1	1700	1	1800	2	6083	6208	6334	6463	6595	6730	6865
29	1	1800	1	1900	2	6083	6208	6334	6463	6595	6730	6865
30	1	1900	1	2000	2	6083	6208	6334	6463	6595	6730	6865
31	2	0	2	100	1	4456	4547	4640	4735	4831	4930	5029
32	2	100	2	200	1	4456	4547	4640	4735	4831	4930	5029
33	2	200	2	300	1	4456	4547	4640	4735	4831	4930	5029
34	2	300	2	400	1	4456	4547	4640	4735	4831	4930	5029
35	2	400	2	500	1	4456	4547	4640	4735	4831	4930	5029
36	2	500	2	600	1	4456	4547	4640	4735	4831	4930	5029
37	2	600	2	700	1	4456	4547	4640	4735	4831	4930	5029
38	2	700	2	800	1	4456	4547	4640	4735	4831	4930	5029
39	2	800	2	900	1	4456	4547	4640	4735	4831	4930	5029
40	2	900	2	1000	1	4456	4547	4640	4735	4831	4930	5029
41	2	1000	2	1100	1	4456	4547	4640	4735	4831	4930	5029
42	2	1100	2	1200	1	4456	4547	4640	4735	4831	4930	5029
43	2	1200	2	1300	1	4456	4547	4640	4735	4831	4930	5029
44	2	1300	2	1400	1	4456	4547	4640	4735	4831	4930	5029
45	2	1400	2	1500	1	2423	2472	2522	2574	2626	2680	2734
46	2	1500	2	1600	1	2423	2472	2522	2574	2626	2680	2734
47	2	1600	2	1700	1	2423	2472	2522	2574	2626	2680	2734
48	2	1700	2	1800	1	2423	2472	2522	2574	2626	2680	2734
49	2	1800	2	1900	1	2423	2472	2522	2574	2626	2680	2734
50	2	1900	2	2000	1	2423	2472	2522	2574	2626	2680	2734

No	From		Til		Felt, lane	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M								
51	2	2000	2	2100	1	2423	2472	2522	2574	2626	2680	2734
52	2	2100	2	2200	1	2423	2472	2522	2574	2626	2680	2734
53	2	2200	2	2300	1	2423	2472	2522	2574	2626	2680	2734
54	2	2300	2	2400	1	2423	2472	2522	2574	2626	2680	2734
55	2	2400	2	2500	1	2423	2472	2522	2574	2626	2680	2734
56	2	2500	2	2600	1	2423	2472	2522	2574	2626	2680	2734
57	2	2600	2	2700	1	2423	2472	2522	2574	2626	2680	2734
58	2	2700	2	2800	1	2423	2472	2522	2574	2626	2680	2734
59	2	2800	2	2900	1	3073	3136	3200	3265	3332	3400	3468
60	2	2900	2	3000	1	3073	3136	3200	3265	3332	3400	3468
61	2	3000	2	3100	1	3073	3136	3200	3265	3332	3400	3468
62	2	3100	2	3200	1	3073	3136	3200	3265	3332	3400	3468
63	2	3200	2	3300	1	3073	3136	3200	3265	3332	3400	3468
64	2	3300	2	3400	1	3073	3136	3200	3265	3332	3400	3468
65	2	3400	2	3500	1	3073	3136	3200	3265	3332	3400	3468
66	2	3500	2	3600	1	3073	3136	3200	3265	3332	3400	3468
67	2	3600	2	3700	1	1103	1125	1148	1172	1196	1220	1244
68	2	3700	2	3800	1	1103	1125	1148	1172	1196	1220	1244
69	2	3800	2	3900	1	1103	1125	1148	1172	1196	1220	1244
70	2	3900	2	4000	1	1103	1125	1148	1172	1196	1220	1244
71	2	4000	2	4100	1	1103	1125	1148	1172	1196	1220	1244
72	2	4100	2	4200	1	1103	1125	1148	1172	1196	1220	1244
73	2	4200	2	4300	1	1103	1125	1148	1172	1196	1220	1244
74	2	4300	2	4400	1	1103	1125	1148	1172	1196	1220	1244
75	2	4400	2	4500	1	1103	1125	1148	1172	1196	1220	1244
76	2	4500	2	4600	1	1103	1125	1148	1172	1196	1220	1244
77	2	4600	2	4700	1	1103	1125	1148	1172	1196	1220	1244
78	2	4700	2	4800	1	1103	1125	1148	1172	1196	1220	1244
79	2	4800	2	4900	1	1103	1125	1148	1172	1196	1220	1244
80	2	4900	2	5000	1	1103	1125	1148	1172	1196	1220	1244
81	2	5000	2	5100	1	1103	1125	1148	1172	1196	1220	1244
82	2	5100	2	5200	1	1103	1125	1148	1172	1196	1220	1244
83	2	5200	2	5300	1	1103	1125	1148	1172	1196	1220	1244
84	2	5300	2	5400	1	1103	1125	1148	1172	1196	1220	1244
85	2	5400	2	5500	1	1103	1125	1148	1172	1196	1220	1244
86	2	5500	2	5600	1	1103	1125	1148	1172	1196	1220	1244
87	2	5600	2	5700	1	1103	1125	1148	1172	1196	1220	1244
88	2	5700	2	5800	1	1103	1125	1148	1172	1196	1220	1244
89	2	5800	2	5900	1	1103	1125	1148	1172	1196	1220	1244
90	2	5900	2	6000	1	1103	1125	1148	1172	1196	1220	1244
91	2	6000	2	6100	1	1103	1125	1148	1172	1196	1220	1244
92	2	6100	2	6200	1	1103	1125	1148	1172	1196	1220	1244
93	2	6200	2	6300	1	1103	1125	1148	1172	1196	1220	1244
94	2	6300	2	6400	1	1103	1125	1148	1172	1196	1220	1244
95	2	6400	2	6500	1	1103	1125	1148	1172	1196	1220	1244
96	2	6500	2	6600	1	1103	1125	1148	1172	1196	1220	1244
97	2	6600	2	6700	1	1103	1125	1148	1172	1196	1220	1244
98	2	6700	2	6800	1	1103	1125	1148	1172	1196	1220	1244
99	2	6800	2	6900	1	1103	1125	1148	1172	1196	1220	1244
100	2	6900	2	7000	1	1247	1273	1299	1325	1352	1380	1408

	From		Til		Felt,	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic
No	Hp	M	Hp	M	lane	2005	2006	2007	2008	2009	2010	2011
101	2	7000	2	7100	1	1247	1273	1299	1325	1352	1380	1408
102	2	7100	2	7200	1	1247	1273	1299	1325	1352	1380	1408
103	2	7200	2	7300	1	1247	1273	1299	1325	1352	1380	1408
104	2	7300	2	7400	1	1555	1586	1619	1652	1686	1720	1754
105	2	7400	2	7500	1	1555	1586	1619	1652	1686	1720	1754
106	2	7500	2	7600	1	1555	1586	1619	1652	1686	1720	1754
107	2	7600	2	7700	1	1555	1586	1619	1652	1686	1720	1754
108	2	7700	2	7800	1	1555	1586	1619	1652	1686	1720	1754
109	2	7800	2	7900	1	1555	1586	1619	1652	1686	1720	1754
110	2	7900	2	8000	1	1555	1586	1619	1652	1686	1720	1754
111	2	8000	2	8100	1	1555	1586	1619	1652	1686	1720	1754
112	2	8100	2	8200	1	1555	1586	1619	1652	1686	1720	1754
113	2	8200	2	8300	1	1555	1586	1619	1652	1686	1720	1754
114	2	8300	2	8400	1	1555	1586	1619	1652	1686	1720	1754
115	2	8400	2	8500	1	1555	1586	1619	1652	1686	1720	1754
116	2	8500	2	8600	1	1555	1586	1619	1652	1686	1720	1754
117	2	8600	2	8700	1	1555	1586	1619	1652	1686	1720	1754
118	2	8700	2	8800	1	1555	1586	1619	1652	1686	1720	1754
119	2	8800	2	8900	1	1555	1586	1619	1652	1686	1720	1754
120	2	8900	2	9000	1	1555	1586	1619	1652	1686	1720	1754
121	2	9000	2	9100	1	1555	1586	1619	1652	1686	1720	1754
122	2	9100	2	9200	1	1555	1586	1619	1652	1686	1720	1754
123	2	9200	2	9300	1	1555	1586	1619	1652	1686	1720	1754
124	2	9300	2	9400	1	1555	1586	1619	1652	1686	1720	1754
125	2	9400	2	9500	1	1555	1586	1619	1652	1686	1720	1754
126	2	9500	2	9600	1	1555	1586	1619	1652	1686	1720	1754
127	2	9600	2	9700	1	1555	1586	1619	1652	1686	1720	1754
128	2	9700	2	9800	1	1555	1586	1619	1652	1686	1720	1754
129	2	9800	2	9900	1	1555	1586	1619	1652	1686	1720	1754
130	2	9900	2	10000	1	380	387	395	403	412	420	428
131	2	10000	2	10100	1	380	387	395	403	412	420	428
132	2	10100	2	10200	1	380	387	395	403	412	420	428
133	2	10200	2	10300	1	380	387	395	403	412	420	428
134	2	10300	2	10400	1	380	387	395	403	412	420	428
135	2	10400	2	10500	1	380	387	395	403	412	420	428
136	2	10500	2	10600	1	380	387	395	403	412	420	428
137	2	10600	2	10700	1	380	387	395	403	412	420	428
138	2	10700	2	10800	1	380	387	395	403	412	420	428
139	2	10800	2	10900	1	380	387	395	403	412	420	428
140	2	10900	2	11000	1	380	387	395	403	412	420	428
141	2	11000	2	11100	1	380	387	395	403	412	420	428
142	2	11100	2	11200	1	380	387	395	403	412	420	428
143	2	11200	2	11300	1	380	387	395	403	412	420	428
144	2	11300	2	11400	1	380	387	395	403	412	420	428
145	2	11400	2	11500	1	380	387	395	403	412	420	428
146	2	11500	2	11600	1	380	387	395	403	412	420	428
147	2	11600	2	11700	1	380	387	395	403	412	420	428
148	2	11700	2	11800	1	380	387	395	403	412	420	428
149	2	11800	2	11900	1	380	387	395	403	412	420	428
150	2	11900	2	12000	1	380	387	395	403	412	420	428

No	From		Til		Felt, lane	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M								
151	2	12000	2	12100	1	380	387	395	403	412	420	428
152	2	12100	2	12200	1	380	387	395	403	412	420	428
153	2	12200	2	12300	1	380	387	395	403	412	420	428
154	2	12300	2	12400	1	380	387	395	403	412	420	428
155	2	12400	2	12500	1	380	387	395	403	412	420	428
156	2	12500	2	12600	1	380	387	395	403	412	420	428
157	2	12600	2	12700	1	380	387	395	403	412	420	428
158	2	12700	2	12800	1	380	387	395	403	412	420	428
159	2	12800	2	12900	1	380	387	395	403	412	420	428
160	2	12900	2	13000	1	380	387	395	403	412	420	428
161	2	13000	2	13100	1	380	387	395	403	412	420	428
162	2	13100	2	13200	1	380	387	395	403	412	420	428
163	2	13200	2	13350	1	380	387	395	403	412	420	428
164	2	0	2	100	2	4456	4547	4640	4735	4831	4930	5029
165	2	100	2	200	2	4456	4547	4640	4735	4831	4930	5029
166	2	200	2	300	2	4456	4547	4640	4735	4831	4930	5029
167	2	300	2	400	2	4456	4547	4640	4735	4831	4930	5029
168	2	400	2	500	2	4456	4547	4640	4735	4831	4930	5029
169	2	500	2	600	2	4456	4547	4640	4735	4831	4930	5029
170	2	600	2	700	2	4456	4547	4640	4735	4831	4930	5029
171	2	700	2	800	2	4456	4547	4640	4735	4831	4930	5029
172	2	800	2	900	2	4456	4547	4640	4735	4831	4930	5029
173	2	900	2	1000	2	4456	4547	4640	4735	4831	4930	5029
174	2	1000	2	1100	2	4456	4547	4640	4735	4831	4930	5029
175	2	1100	2	1200	2	4456	4547	4640	4735	4831	4930	5029
176	2	1200	2	1300	2	4456	4547	4640	4735	4831	4930	5029
177	2	1300	2	1400	2	4456	4547	4640	4735	4831	4930	5029
178	2	1400	2	1500	2	2423	2472	2522	2574	2626	2680	2734
179	2	1500	2	1600	2	2423	2472	2522	2574	2626	2680	2734
180	2	1600	2	1700	2	2423	2472	2522	2574	2626	2680	2734
181	2	1700	2	1800	2	2423	2472	2522	2574	2626	2680	2734
182	2	1800	2	1900	2	2423	2472	2522	2574	2626	2680	2734
183	2	1900	2	2000	2	2423	2472	2522	2574	2626	2680	2734
184	2	2000	2	2100	2	2423	2472	2522	2574	2626	2680	2734
185	2	2100	2	2200	2	2423	2472	2522	2574	2626	2680	2734
186	2	2200	2	2300	2	2423	2472	2522	2574	2626	2680	2734
187	2	2300	2	2400	2	2423	2472	2522	2574	2626	2680	2734
188	2	2400	2	2500	2	2423	2472	2522	2574	2626	2680	2734
189	2	2500	2	2600	2	2423	2472	2522	2574	2626	2680	2734
190	2	2600	2	2700	2	2423	2472	2522	2574	2626	2680	2734
191	2	2700	2	2800	2	2423	2472	2522	2574	2626	2680	2734
192	2	2800	2	2900	2	3073	3136	3200	3265	3332	3400	3468
193	2	2900	2	3000	2	3073	3136	3200	3265	3332	3400	3468
194	2	3000	2	3100	2	3073	3136	3200	3265	3332	3400	3468
195	2	3100	2	3200	2	3073	3136	3200	3265	3332	3400	3468
196	2	3200	2	3300	2	3073	3136	3200	3265	3332	3400	3468
197	2	3300	2	3400	2	3073	3136	3200	3265	3332	3400	3468
198	2	3400	2	3500	2	3073	3136	3200	3265	3332	3400	3468
199	2	3500	2	3600	2	3073	3136	3200	3265	3332	3400	3468
200	2	3600	2	3700	2	1103	1125	1148	1172	1196	1220	1244

	From		Til		Felt,	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic	Traffic
No	Hp	M	Hp	M	lane	2005	2006	2007	2008	2009	2010	2011
201	2	3700	2	3800	2	1103	1125	1148	1172	1196	1220	1244
202	2	3800	2	3900	2	1103	1125	1148	1172	1196	1220	1244
203	2	3900	2	4000	2	1103	1125	1148	1172	1196	1220	1244
204	2	4000	2	4100	2	1103	1125	1148	1172	1196	1220	1244
205	2	4100	2	4200	2	1103	1125	1148	1172	1196	1220	1244
206	2	4200	2	4300	2	1103	1125	1148	1172	1196	1220	1244
207	2	4300	2	4400	2	1103	1125	1148	1172	1196	1220	1244
208	2	4400	2	4500	2	1103	1125	1148	1172	1196	1220	1244
209	2	4500	2	4600	2	1103	1125	1148	1172	1196	1220	1244
210	2	4600	2	4700	2	1103	1125	1148	1172	1196	1220	1244
211	2	4700	2	4800	2	1103	1125	1148	1172	1196	1220	1244
212	2	4800	2	4900	2	1103	1125	1148	1172	1196	1220	1244
213	2	4900	2	5000	2	1103	1125	1148	1172	1196	1220	1244
214	2	5000	2	5100	2	1103	1125	1148	1172	1196	1220	1244
215	2	5100	2	5200	2	1103	1125	1148	1172	1196	1220	1244
216	2	5200	2	5300	2	1103	1125	1148	1172	1196	1220	1244
217	2	5300	2	5400	2	1103	1125	1148	1172	1196	1220	1244
218	2	5400	2	5500	2	1103	1125	1148	1172	1196	1220	1244
219	2	5500	2	5600	2	1103	1125	1148	1172	1196	1220	1244
220	2	5600	2	5700	2	1103	1125	1148	1172	1196	1220	1244
221	2	5700	2	5800	2	1103	1125	1148	1172	1196	1220	1244
222	2	5800	2	5900	2	1103	1125	1148	1172	1196	1220	1244
223	2	5900	2	6000	2	1103	1125	1148	1172	1196	1220	1244
224	2	6000	2	6100	2	1103	1125	1148	1172	1196	1220	1244
225	2	6100	2	6200	2	1103	1125	1148	1172	1196	1220	1244
226	2	6200	2	6300	2	1103	1125	1148	1172	1196	1220	1244
227	2	6300	2	6400	2	1103	1125	1148	1172	1196	1220	1244
228	2	6400	2	6500	2	1103	1125	1148	1172	1196	1220	1244
229	2	6500	2	6600	2	1103	1125	1148	1172	1196	1220	1244
230	2	6600	2	6700	2	1103	1125	1148	1172	1196	1220	1244
231	2	6700	2	6800	2	1103	1125	1148	1172	1196	1220	1244
232	2	6800	2	6900	2	1103	1125	1148	1172	1196	1220	1244
233	2	6900	2	7000	2	1247	1273	1299	1325	1352	1380	1408
234	2	7000	2	7100	2	1247	1273	1299	1325	1352	1380	1408
235	2	7100	2	7200	2	1247	1273	1299	1325	1352	1380	1408
236	2	7200	2	7300	2	1247	1273	1299	1325	1352	1380	1408
237	2	7300	2	7400	2	1555	1586	1619	1652	1686	1720	1754
238	2	7400	2	7500	2	1555	1586	1619	1652	1686	1720	1754
239	2	7500	2	7600	2	1555	1586	1619	1652	1686	1720	1754
240	2	7600	2	7700	2	1555	1586	1619	1652	1686	1720	1754
241	2	7700	2	7800	2	1555	1586	1619	1652	1686	1720	1754
242	2	7800	2	7900	2	1555	1586	1619	1652	1686	1720	1754
243	2	7900	2	8000	2	1555	1586	1619	1652	1686	1720	1754
244	2	8000	2	8100	2	1555	1586	1619	1652	1686	1720	1754
245	2	8100	2	8200	2	1555	1586	1619	1652	1686	1720	1754
246	2	8200	2	8300	2	1555	1586	1619	1652	1686	1720	1754
247	2	8300	2	8400	2	1555	1586	1619	1652	1686	1720	1754
248	2	8400	2	8500	2	1555	1586	1619	1652	1686	1720	1754
249	2	8500	2	8600	2	1555	1586	1619	1652	1686	1720	1754
250	2	8600	2	8700	2	1555	1586	1619	1652	1686	1720	1754

No	From		Til		Felt, lane	Traffic 2005	Traffic 2006	Traffic 2007	Traffic 2008	Traffic 2009	Traffic 2010	Traffic 2011
	Hp	M	Hp	M								
251	2	8700	2	8800	2	1555	1586	1619	1652	1686	1720	1754
252	2	8800	2	8900	2	1555	1586	1619	1652	1686	1720	1754
253	2	8900	2	9000	2	1555	1586	1619	1652	1686	1720	1754
254	2	9000	2	9100	2	1555	1586	1619	1652	1686	1720	1754
255	2	9100	2	9200	2	1555	1586	1619	1652	1686	1720	1754
256	2	9200	2	9300	2	1555	1586	1619	1652	1686	1720	1754
257	2	9300	2	9400	2	1555	1586	1619	1652	1686	1720	1754
258	2	9400	2	9500	2	1555	1586	1619	1652	1686	1720	1754
259	2	9500	2	9600	2	1555	1586	1619	1652	1686	1720	1754
260	2	9600	2	9700	2	1555	1586	1619	1652	1686	1720	1754
261	2	9700	2	9800	2	1555	1586	1619	1652	1686	1720	1754
262	2	9800	2	9900	2	1555	1586	1619	1652	1686	1720	1754
263	2	9900	2	10000	2	380	387	395	403	412	420	428
264	2	10000	2	10100	2	380	387	395	403	412	420	428
265	2	10100	2	10200	2	380	387	395	403	412	420	428
266	2	10200	2	10300	2	380	387	395	403	412	420	428
267	2	10300	2	10400	2	380	387	395	403	412	420	428
268	2	10400	2	10500	2	380	387	395	403	412	420	428
269	2	10500	2	10600	2	380	387	395	403	412	420	428
270	2	10600	2	10700	2	380	387	395	403	412	420	428
271	2	10700	2	10800	2	380	387	395	403	412	420	428
272	2	10800	2	10900	2	380	387	395	403	412	420	428
273	2	10900	2	11000	2	380	387	395	403	412	420	428
274	2	11000	2	11100	2	380	387	395	403	412	420	428
275	2	11100	2	11200	2	380	387	395	403	412	420	428
276	2	11200	2	11300	2	380	387	395	403	412	420	428
277	2	11300	2	11400	2	380	387	395	403	412	420	428
278	2	11400	2	11500	2	380	387	395	403	412	420	428
279	2	11500	2	11600	2	380	387	395	403	412	420	428
280	2	11600	2	11700	2	380	387	395	403	412	420	428
281	2	11700	2	11800	2	380	387	395	403	412	420	428
282	2	11800	2	11900	2	380	387	395	403	412	420	428
283	2	11900	2	12000	2	380	387	395	403	412	420	428
284	2	12000	2	12100	2	380	387	395	403	412	420	428
285	2	12100	2	12200	2	380	387	395	403	412	420	428
286	2	12200	2	12300	2	380	387	395	403	412	420	428
287	2	12300	2	12400	2	380	387	395	403	412	420	428
288	2	12400	2	12500	2	380	387	395	403	412	420	428
289	2	12500	2	12600	2	380	387	395	403	412	420	428
290	2	12600	2	12700	2	380	387	395	403	412	420	428
291	2	12700	2	12800	2	380	387	395	403	412	420	428
292	2	12800	2	12900	2	380	387	395	403	412	420	428
293	2	12900	2	13000	2	380	387	395	403	412	420	428
294	2	13000	2	13100	2	380	387	395	403	412	420	428
295	2	13100	2	13200	2	380	387	395	403	412	420	428
296	2	13200	2	13350	2	380	387	395	403	412	420	428

Appendix 7

Calculations of K_{rsw} and K_{rid}- E6, 1st method of calculating SNP

Krsw=	2,2894
Krid=	0,1

No	From		Til		Lane	Season ("year 0" - "year 1")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M															
11	9	200	9	300	1	2006-07	11,686	98	80	9,2	13264	484,12	2,42	8,60	11,80	3,20	2,7423	11,34	0,209530588
12	9	300	9	400	1	2006-07	4,558	98	80	9,2	13264	484,12	2,42	12,00	14,80	2,80	2,8322	14,83	0,001033707
14	9	500	9	600	1	2006-07	9,210	98	80	9,7	13264	484,12	2,42	14,00	17,60	3,60	2,6988	16,70	0,812217966
15	9	600	9	700	1	2006-07	12,399	98	80	9,7	13264	484,12	2,42	6,80	11,20	4,40	2,6755	9,48	2,973828947
16	9	700	9	800	1	2006-07	10,608	98	80	7,7	19711	719,45	3,6	10,00	15,40	5,40	4,3448	14,34	1,11341441
17	9	800	9	900	1	2006-07	8,816	98	80	7,7	19711	719,45	3,6	12,60	18,80	6,20	4,3606	16,96	3,38350957
18	9	900	9	1000	1	2006-07	9,133	98	80	7,6	19711	719,45	3,6	12,00	18,60	6,60	4,3827	16,38	4,91651336
19	9	1000	9	1100	1	2006-07	10,818	98	80	7,5	19711	719,45	3,6	13,40	20,40	7,00	4,3942	17,79	6,790329074
20	9	1100	9	1200	1	2006-07	9,578	98	80	7,5	19711	719,45	3,6	13,20	20,20	7,00	4,4043	17,60	6,73777166
21	9	1200	9	1300	1	2006-07	9,222	98	80	7,6	19711	719,45	3,6	13,40	18,80	5,40	4,3818	17,78	1,036662438
22	9	1300	9	1400	1	2006-07	9,146	98	80	7,3	19711	719,45	3,6	12,80	18,80	6,00	4,4612	17,26	2,367770059
34	9	2500	9	2600	1	2006-07	7,418	98	80	7,6	19646	717,10	3,59	7,20	10,40	3,20	4,388	11,59	1,41142931
35	9	2600	9	2700	1	2006-07	7,763	98	80	7,6	19646	717,10	3,59	5,40	10,60	5,20	4,3837	9,78	0,666394338
36	9	2700	9	2800	1	2006-07	8,600	98	80	8	19646	717,10	3,59	4,60	8,60	4,00	4,2764	8,88	0,076387578
37	9	2800	9	2900	1	2006-07	6,700	98	80	8	19646	717,10	3,59	5,20	7,00	1,80	4,3004	9,50	6,251898438
38	9	2900	9	3000	1	2006-07	10,163	98	80	8	19646	717,10	3,59	4,40	7,80	3,40	4,2619	8,66	0,742907812
39	9	3000	9	3100	1	2006-07	9,752	98	80	8	19646	717,10	3,59	4,20	9,00	4,80	4,2654	8,47	0,2858185
40	9	3100	9	3250	1	2006-07	11,645	98	80	8,5	19646	717,10	3,59	4,75	10,38	5,63	4,1383	8,89	2,210167197
73	10	0	10	100	1	2006-07	9,909	98	80	8,5	19646	717,10	3,59	4,60	8,33	3,73	4,1514	8,75	0,174754429
74	10	100	10	200	1	2006-07	10,267	98	80	8,5	22045	804,63	4,02	4,60	8,80	4,20	4,6364	9,24	0,190468039
75	10	200	10	300	1	2006-07	8,739	98	80	8,5	22045	804,63	4,02	6,20	10,40	4,20	4,6504	10,85	0,202890565
76	10	300	10	400	1	2006-07	9,862	98	80	8	22045	804,63	4,02	10,80	15,20	4,40	4,7662	15,57	0,13413131
77	10	400	10	500	1	2006-07	12,015	98	80	8	22045	804,63	4,02	13,80	18,80	5,00	4,7502	18,55	0,062384817
78	10	500	10	600	1	2006-07	10,345	98	80	8	22045	804,63	4,02	13,80	17,60	3,80	4,7622	18,56	0,925849458
79	10	600	10	700	1	2006-07	10,785	98	80	8	22045	804,63	4,02	13,60	17,80	4,20	4,7588	18,36	0,312247843
80	10	700	10	800	1	2006-07	9,854	98	80	8	22045	804,63	4,02	13,20	17,20	4,00	4,7663	17,97	0,587227334
81	10	800	10	900	1	2006-07	10,559	98	80	8	22045	804,63	4,02	13,80	17,60	3,80	4,7605	18,56	0,922604549
82	10	900	10	1000	1	2006-07	12,933	98	80	8	22045	804,63	4,02	14,60	20,40	5,80	4,7447	19,34	1,113749344

No	From		Til		Lane	Season ("year 0" - "year 1")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M															
83	10	1000	10	1100	1	2006-07	10,115	98	80	8	21768	794,53	3,97	14,00	20,40	6,40	4,7062	18,71	2,868953908
84	10	1100	10	1200	1	2006-07	12,425	98	80	8	21768	794,53	3,97	14,20	18,60	4,40	4,6898	18,89	0,083982055
85	10	1200	10	1300	1	2006-07	9,476	98	80	8	21998	802,94	4,01	13,20	19,80	6,60	4,76	17,96	3,385510979
86	10	1300	10	1400	1	2006-07	10,260	98	80	8	21998	802,94	4,01	12,20	20,00	7,80	4,7533	16,95	9,282684535
87	10	1400	10	1500	1	2006-07	9,857	98	80	8	21998	802,94	4,01	12,80	19,20	6,40	4,7566	17,56	2,70066411
88	10	1500	10	1600	1	2006-07	9,856	98	80	8	21998	802,94	4,01	13,60	19,60	6,00	4,7566	18,36	1,545946116
89	10	1600	10	1700	1	2006-07	10,668	98	80	8	21998	802,94	4,01	14,60	20,80	6,20	4,75	19,35	2,102414825
90	10	1700	10	1800	1	2006-07	11,319	98	80	8	21998	802,94	4,01	15,20	20,40	5,20	4,7453	19,95	0,206792352
91	10	1800	10	1900	1	2006-07	10,453	98	80	8	21998	802,94	4,01	14,80	20,40	5,60	4,7517	19,55	0,719600044
92	10	1900	10	2000	1	2006-07	10,245	98	80	8	21998	802,94	4,01	14,40	20,20	5,80	4,7534	19,15	1,095426405
93	10	2000	10	2100	1	2006-07	11,157	98	80	8	21998	802,94	4,01	14,00	19,60	5,60	4,7464	18,75	0,728621973
94	10	2100	10	2200	1	2006-07	11,822	98	80	8	21998	802,94	4,01	14,20	19,00	4,80	4,7418	18,94	0,003382447
95	10	2200	10	2300	1	2006-07	10,944	98	80	8	21998	802,94	4,01	13,20	18,00	4,80	4,748	17,95	0,002708731
96	10	2300	10	2400	1	2006-07	13,255	98	80	8,5	21998	802,94	4,01	13,40	17,60	4,20	4,607	18,01	0,165683317
97	10	2400	10	2500	1	2006-07	12,741	98	80	8,5	22220	811,02	4,06	15,40	20,20	4,80	4,655	20,05	0,021025386
98	10	2500	10	2600	1	2006-07	10,468	98	80	8,5	22580	824,15	4,12	14,60	19,00	4,40	4,7437	19,34	0,118097277
99	10	2600	10	2700	1	2006-07	8,020	98	80	8	22580	824,15	4,12	16,20	20,80	4,60	4,8967	21,10	0,088058164
100	10	2700	10	2800	1	2006-07	7,380	98	80	9	22580	824,15	4,12	16,83	21,80	4,97	4,6565	21,49	0,096216544
1	8	10000	8	10100	1	2007-08	7,864	98	80	10	13534	494,00	2,47	4,20	5,00	0,80	2,7287	6,93	3,719763129
2	8	10100	8	10200	1	2007-08	8,118	98	80	10	13534	494,00	2,47	4,20	4,60	0,40	2,7258	6,93	5,409298339
3	8	10200	8	10300	1	2007-08	8,549	98	80	9,8	13534	494,00	2,47	5,20	7,60	2,40	2,745	7,94	0,119009319
4	8	10300	8	10400	1	2007-08	8,391	98	80	9,5	13534	494,00	2,47	4,83	7,00	2,17	2,7836	7,62	0,380661125
24	9	1500	9	1600	1	2009-10	8,487	98	80	8,3	20943	764,40	3,82	6,98	7,72	0,74	4,4756	11,46	13,95444313
25	9	1600	9	1700	1	2009-10	8,105	98	80	11,5	20943	764,40	3,82	5,68	6,58	0,90	3,8818	9,56	8,890889104
26	9	1700	9	1800	1	2009-10	8,932	98	80	11,5	20874	761,90	3,81	4,22	5,36	1,14	3,8607	8,08	7,40240558
27	9	1800	9	1900	1	2009-10	8,338	98	80	11,4	20874	761,90	3,81	4,76	5,70	0,94	3,8818	8,64	8,654156349
28	9	1900	9	2000	1	2009-10	7,774	98	80	11,4	20874	761,90	3,81	5,34	6,18	0,84	3,8884	9,23	9,292512891
29	9	2000	9	2100	1	2009-10	9,449	98	80	11,7	20874	761,90	3,81	4,48	4,96	0,48	3,8267	8,31	11,20038539
31	9	2200	9	2300	1	2009-10	7,667	98	80	11,7	20874	761,90	3,81	4,24	4,30	0,06	3,8458	8,09	14,33205021

∑ 155,1852364

Appendix 8

Calculations of K_{rsw} and K_{rst}- E6, 1st method of calculating SNP

Krsw=	2,245
Krst=	0,1

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
1	8	10000	8	10100	1	2005-06	7,864	98	80	10	12998	474,44	2,37	16,40	17,40	1,00	2,403	18,80	1,968947015
2	8	10100	8	10200	1	2005-06	8,118	98	80	10	12998	474,44	2,37	8,20	11,00	2,80	2,403	10,60	0,157596743
3	8	10200	8	10300	1	2005-06	8,549	98	80	9,8	12998	474,44	2,37	13,20	16,60	3,40	2,425	15,63	0,95036569
4	8	10300	8	10400	1	2005-06	8,391	98	80	9,5	12998	474,44	2,37	10,83	15,33	4,50	2,46	13,29	4,161202352
9	9	0	9	100	1	2005-06	8,909	98	80	9,7	12998	474,44	2,37	12,60	14,75	2,15	2,436	15,04	0,082009714
10	9	100	9	200	1	2005-06	8,578	98	80	9,7	12998	474,44	2,37	13,20	16,00	2,80	2,437	15,64	0,132086348
13	9	400	9	500	1	2005-06	4,363	98	80	9,5	12998	474,44	2,37	15,20	16,20	1,00	2,465	17,67	2,146787742
23	9	1400	9	1500	1	2005-06	8,438	98	80	7,3	19317	705,06	3,53	5,20	8,60	3,40	4,124	9,32	0,5240919
24	9	1500	9	1600	1	2005-06	8,487	98	80	8,3	19317	705,06	3,53	5,80	7,00	1,20	3,888	9,69	7,223706314
25	9	1600	9	1700	1	2005-06	8,105	98	80	11,5	19317	705,06	3,53	4,80	6,80	2,00	3,347	8,15	1,814623543
26	9	1700	9	1800	1	2005-06	8,932	98	80	11,5	19254	702,75	3,51	5,40	6,60	1,20	3,336	8,74	4,560815841
27	9	1800	9	1900	1	2005-06	8,338	98	80	11,4	19254	702,75	3,51	4,40	6,00	1,60	3,349	7,75	3,060334647
28	9	1900	9	2000	1	2005-06	7,774	98	80	11,4	19254	702,75	3,51	5,80	7,40	1,60	3,35	9,15	3,061741131
29	9	2000	9	2100	1	2005-06	9,449	98	80	11,7	19254	702,75	3,51	6,00	6,80	0,80	3,309	9,31	6,295147392
30	9	2100	9	2200	1	2005-06	9,385	98	80	11,7	19254	702,75	3,51	4,80	6,60	1,80	3,309	8,11	2,277218779
9	9	0	9	100	1	2006-07	8,909	98	80	9,7	13264	484,12	2,42	14,75	16,40	1,65	2,486	17,24	0,698924699
10	9	100	9	200	1	2006-07	8,578	98	80	9,7	13264	484,12	2,42	16,00	18,80	2,80	2,486	18,49	0,098465828
13	9	400	9	500	1	2006-07	4,363	98	80	9,5	13264	484,12	2,42	16,20	20,20	4,00	2,515	18,72	2,20425746
24	9	1500	9	1600	1	2006-07	8,487	98	80	8,3	19711	719,45	3,6	7,00	8,60	1,60	3,967	10,97	5,602451473
25	9	1600	9	1700	1	2006-07	8,105	98	80	11,5	19711	719,45	3,6	6,80	8,40	1,60	3,415	10,22	3,295301331
27	9	1800	9	1900	1	2006-07	8,338	98	80	11,4	19646	717,10	3,59	6,00	6,20	0,20	3,418	9,42	10,35325841
28	9	1900	9	2000	1	2006-07	7,774	98	80	11,4	19646	717,10	3,59	7,40	8,80	1,40	3,418	10,82	4,072529054
29	9	2000	9	2100	1	2006-07	9,449	98	80	11,7	19646	717,10	3,59	6,80	7,20	0,40	3,376	10,18	8,859360724
30	9	2100	9	2200	1	2006-07	9,385	98	80	11,7	19646	717,10	3,59	6,60	7,00	0,40	3,377	9,98	8,859554154
31	9	2200	9	2300	1	2006-07	7,667	98	80	11,7	19646	717,10	3,59	5,00	6,00	1,00	3,378	8,38	5,652974966
32	9	2300	9	2400	1	2006-07	8,613	98	80	9,4	19646	717,10	3,59	5,00	5,60	0,60	3,734	8,73	9,82290736
9	9	0	9	100	1	2007-08	8,909	98	80	9,7	13534	494,00	2,47	16,40	18,20	1,80	2,537	18,94	0,542688451

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
10	9	100	9	200	1	2007-08	8,578	98	80	9,7	13534	494,00	2,47	18,80	19,60	0,80	2,537	21,34	3,016698355
11	9	200	9	300	1	2007-08	11,686	98	80	9,2	13534	494,00	2,47	11,80	16,20	4,40	2,598	14,40	3,247453118
12	9	300	9	400	1	2007-08	4,558	98	80	9,2	13534	494,00	2,47	14,80	18,40	3,60	2,604	17,40	0,991960579
13	9	400	9	500	1	2007-08	4,363	98	80	9,5	13534	494,00	2,47	20,20	21,40	1,20	2,566	22,77	1,867273902
14	9	500	9	600	1	2007-08	9,210	98	80	9,7	13534	494,00	2,47	17,60	19,60	2,00	2,537	20,14	0,287846627
15	9	600	9	700	1	2007-08	12,399	98	80	9,7	13534	494,00	2,47	11,20	15,00	3,80	2,535	13,74	1,599418112
16	9	700	9	800	1	2007-08	10,608	98	80	7,7	20113	734,13	3,67	15,40	19,60	4,20	4,189	19,59	0,000126812
17	9	800	9	900	1	2007-08	8,816	98	80	7,7	20113	734,13	3,67	18,80	25,00	6,20	4,19	22,99	4,041682674
18	9	900	9	1000	1	2007-08	9,133	98	80	7,6	20113	734,13	3,67	18,60	24,40	5,80	4,215	22,81	2,513278619
19	9	1000	9	1100	1	2007-08	10,818	98	80	7,5	20113	734,13	3,67	20,40	28,20	7,80	4,24	24,64	12,67624137
20	9	1100	9	1200	1	2007-08	9,578	98	80	7,5	20113	734,13	3,67	20,20	26,60	6,40	4,24	24,44	4,664878281
21	9	1200	9	1300	1	2007-08	9,222	98	80	7,6	20113	734,13	3,67	18,80	25,20	6,40	4,215	23,01	4,775887389
22	9	1300	9	1400	1	2007-08	9,146	98	80	7,3	20113	734,13	3,67	18,80	23,60	4,80	4,293	23,09	0,256656299
23	9	1400	9	1500	1	2007-08	8,438	98	80	7,3	20113	734,13	3,67	8,60	9,40	0,80	4,294	12,89	12,20669481
24	9	1500	9	1600	1	2007-08	8,487	98	80	8,3	20113	734,13	3,67	8,60	8,80	0,20	4,048	12,65	14,80573062
29	9	2000	9	2100	1	2007-08	9,449	98	80	11,7	20047	731,73	3,66	7,20	8,00	0,80	3,445	10,65	6,997606151
30	9	2100	9	2200	1	2007-08	9,385	98	80	11,7	20047	731,73	3,66	7,00	7,20	0,20	3,445	10,45	10,53217617
32	9	2300	9	2400	1	2007-08	8,613	98	80	9,4	20047	731,73	3,66	5,60	6,40	0,80	3,81	9,41	9,06174946
33	9	2400	9	2500	1	2007-08	9,090	98	80	10,9	20047	731,73	3,66	6,60	7,80	1,20	3,559	10,16	5,566985391
34	9	2500	9	2600	1	2007-08	7,418	98	80	7,6	20047	731,73	3,66	10,40	13,60	3,20	4,202	14,60	1,004097153
35	9	2600	9	2700	1	2007-08	7,763	98	80	7,6	20047	731,73	3,66	10,60	14,60	4,00	4,202	14,80	0,040709635
36	9	2700	9	2800	1	2007-08	8,600	98	80	8	20047	731,73	3,66	8,60	11,60	3,00	4,103	12,70	1,217334378
37	9	2800	9	2900	1	2007-08	6,700	98	80	8	20047	731,73	3,66	7,00	10,20	3,20	4,105	11,10	0,818794533
38	9	2900	9	3000	1	2007-08	10,163	98	80	8	20047	731,73	3,66	7,80	11,00	3,20	4,103	11,90	0,814533905
39	9	3000	9	3100	1	2007-08	9,752	98	80	8	20047	731,73	3,66	9,00	11,20	2,20	4,103	13,10	3,620274964
40	9	3100	9	3250	1	2007-08	11,645	98	80	8,5	20047	731,73	3,66	10,38	13,43	3,05	3,989	14,36	0,875470005
73	10	0	10	100	1	2007-08	9,909	98	80	8,5	20047	731,73	3,66	8,33	12,20	3,87	3,99	12,32	0,015188377
74	10	100	10	200	1	2007-08	10,267	98	80	8,5	22494	821,05	4,11	8,80	11,60	2,80	4,476	13,28	2,810123161
75	10	200	10	300	1	2007-08	8,739	98	80	8,5	22494	821,05	4,11	10,40	12,20	1,80	4,477	14,88	7,166999556
76	10	300	10	400	1	2007-08	9,862	98	80	8	22494	821,05	4,11	15,20	21,00	5,80	4,603	19,80	1,432796958
77	10	400	10	500	1	2007-08	12,015	98	80	8	22494	821,05	4,11	18,80	25,20	6,40	4,602	23,40	3,232136639
78	10	500	10	600	1	2007-08	10,345	98	80	8	22494	821,05	4,11	17,60	23,20	5,60	4,603	22,20	0,994429615

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
79	10	600	10	700	1	2007-08	10,785	98	80	8	22494	821,05	4,11	17,80	23,00	5,20	4,603	22,40	0,356873665
80	10	700	10	800	1	2007-08	9,854	98	80	8	22494	821,05	4,11	17,20	23,00	5,80	4,603	21,80	1,432788073
81	10	800	10	900	1	2007-08	10,559	98	80	8	22494	821,05	4,11	17,60	23,20	5,60	4,603	22,20	0,99460614
82	10	900	10	1000	1	2007-08	12,933	98	80	8	22494	821,05	4,11	20,40	24,80	4,40	4,602	25,00	0,04077343
83	10	1000	10	1100	1	2007-08	10,115	98	80	8	22212	810,74	4,05	20,40	26,40	6,00	4,545	24,95	2,116570421
84	10	1100	10	1200	1	2007-08	12,425	98	80	8	22212	810,74	4,05	18,60	25,40	6,80	4,544	23,14	5,088036973
85	10	1200	10	1300	1	2007-08	9,476	98	80	8	22447	819,33	4,1	19,80	24,80	5,00	4,594	24,39	0,165183624
86	10	1300	10	1400	1	2007-08	10,260	98	80	8	22447	819,33	4,1	20,00	24,60	4,60	4,593	24,59	4,61946E-05
87	10	1400	10	1500	1	2007-08	9,857	98	80	8	22447	819,33	4,1	19,20	23,40	4,20	4,593	23,79	0,154751768
88	10	1500	10	1600	1	2007-08	9,856	98	80	8	22447	819,33	4,1	19,60	24,00	4,40	4,593	24,19	0,037397951
89	10	1600	10	1700	1	2007-08	10,668	98	80	8	22447	819,33	4,1	20,80	24,80	4,00	4,593	25,39	0,351689969
90	10	1700	10	1800	1	2007-08	11,319	98	80	8	22447	819,33	4,1	20,40	24,80	4,40	4,593	24,99	0,037168777
91	10	1800	10	1900	1	2007-08	10,453	98	80	8	22447	819,33	4,1	20,40	25,00	4,60	4,593	24,99	4,73073E-05
92	10	1900	10	2000	1	2007-08	10,245	98	80	8	22447	819,33	4,1	20,20	24,60	4,40	4,593	24,79	0,037330067
93	10	2000	10	2100	1	2007-08	11,157	98	80	8	22447	819,33	4,1	19,60	23,80	4,20	4,593	24,19	0,154330864
94	10	2100	10	2200	1	2007-08	11,822	98	80	8	22447	819,33	4,1	19,00	23,40	4,40	4,593	23,59	0,037104085
95	10	2200	10	2300	1	2007-08	10,944	98	80	8	22447	819,33	4,1	18,00	22,00	4,00	4,593	22,59	0,351563639
96	10	2300	10	2400	1	2007-08	13,255	98	80	8,5	22447	819,33	4,1	17,60	20,80	3,20	4,466	22,07	1,602766369
97	10	2400	10	2500	1	2007-08	12,741	98	80	8,5	22673	827,58	4,14	20,20	23,60	3,40	4,511	24,71	1,23443882
98	10	2500	10	2600	1	2007-08	10,468	98	80	8,5	23040	840,97	4,2	19,00	22,20	3,20	4,585	23,58	1,91768204
99	10	2600	10	2700	1	2007-08	8,020	98	80	8	23040	840,97	4,2	20,80	25,40	4,60	4,716	25,52	0,013387664
100	10	2700	10	2800	1	2007-08	7,380	98	80	9	23040	840,97	4,2	21,80	25,67	3,87	4,468	26,27	0,361349531
2	8	10100	8	10200	1	2008-09	8,118	98	80	10	13811	504,09	2,52	4,60	8,58	3,98	2,553	7,15	2,036628011
3	8	10200	8	10300	1	2008-09	8,549	98	80	9,8	13811	504,09	2,52	7,60	11,32	3,72	2,576	10,18	1,307798047
4	8	10300	8	10400	1	2008-09	8,391	98	80	9,5	13811	504,09	2,52	7,00	11,66	4,66	2,614	9,61	4,187942186
9	9	0	9	100	1	2008-09	8,909	98	80	9,7	13811	504,09	2,52	18,20	21,42	3,22	2,588	20,79	0,398963665
10	9	100	9	200	1	2008-09	8,578	98	80	9,7	13811	504,09	2,52	19,60	21,98	2,38	2,589	22,19	0,043495324
11	9	200	9	300	1	2008-09	11,686	98	80	9,2	13811	504,09	2,52	16,20	20,56	4,36	2,651	18,85	2,9210492
12	9	300	9	400	1	2008-09	4,558	98	80	9,2	13811	504,09	2,52	18,40	23,64	5,24	2,657	21,06	6,671874598
13	9	400	9	500	1	2008-09	4,363	98	80	9,5	13811	504,09	2,52	21,40	24,10	2,70	2,619	24,02	0,006612547
14	9	500	9	600	1	2008-09	9,210	98	80	9,7	13811	504,09	2,52	19,60	20,38	0,78	2,588	22,19	3,269599625
15	9	600	9	700	1	2008-09	12,399	98	80	9,7	13811	504,09	2,52	15,00	19,24	4,24	2,587	17,59	2,732388049

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
16	9	700	9	800	1	2008-09	10,608	98	80	7,7	20524	749,12	3,75	19,60	27,80	8,20	4,274	23,87	15,41224944
17	9	800	9	900	1	2008-09	8,816	98	80	7,7	20524	749,12	3,75	25,00	31,68	6,68	4,275	29,28	5,78390208
18	9	900	9	1000	1	2008-09	9,133	98	80	7,6	20524	749,12	3,75	24,40	33,22	8,82	4,301	28,70	20,42496185
19	9	1000	9	1100	1	2008-09	10,818	98	80	7,5	20524	749,12	3,75	28,20	35,32	7,12	4,326	32,53	7,805953269
20	9	1100	9	1200	1	2008-09	9,578	98	80	7,5	20524	749,12	3,75	26,60	31,66	5,06	4,327	30,93	0,537837988
21	9	1200	9	1300	1	2008-09	9,222	98	80	7,6	20524	749,12	3,75	25,20	30,60	5,40	4,301	29,50	1,208782697
22	9	1300	9	1400	1	2008-09	9,146	98	80	7,3	20524	749,12	3,75	23,60	25,24	1,64	4,381	27,98	7,512686416
33	9	2400	9	2500	1	2008-09	9,090	98	80	10,9	20457	746,66	3,73	7,80	9,76	1,96	3,632	11,43	2,795609615
34	9	2500	9	2600	1	2008-09	7,418	98	80	7,6	20457	746,66	3,73	13,60	16,06	2,46	4,288	17,89	3,340493039
35	9	2600	9	2700	1	2008-09	7,763	98	80	7,6	20457	746,66	3,73	14,60	15,66	1,06	4,287	18,89	10,41624474
36	9	2700	9	2800	1	2008-09	8,600	98	80	8	20457	746,66	3,73	11,60	12,86	1,26	4,187	15,79	8,567240409
37	9	2800	9	2900	1	2008-09	6,700	98	80	8	20457	746,66	3,73	10,20	12,86	2,66	4,189	14,39	2,336410659
38	9	2900	9	3000	1	2008-09	10,163	98	80	8	20457	746,66	3,73	11,00	13,66	2,66	4,186	15,19	2,329193667
39	9	3000	9	3100	1	2008-09	9,752	98	80	8	20457	746,66	3,73	11,20	14,22	3,02	4,186	15,39	1,360387992
40	9	3100	9	3250	1	2008-09	11,645	98	80	8,5	20457	746,66	3,73	13,43	15,88	2,45	4,071	17,50	2,637899004
73	10	0	10	100	1	2008-09	9,909	98	80	8,5	20457	746,66	3,73	12,20	14,58	2,38	4,071	16,27	2,860366852
74	10	100	10	200	1	2008-09	10,267	98	80	8,5	22954	837,80	4,19	11,60	13,82	2,22	4,568	16,17	5,511345619
75	10	200	10	300	1	2008-09	8,739	98	80	8,5	22954	837,80	4,19	12,20	21,10	8,90	4,568	16,77	18,76266921
76	10	300	10	400	1	2008-09	9,862	98	80	8	22954	837,80	4,19	21,00	30,84	9,84	4,697	25,70	26,45178621
77	10	400	10	500	1	2008-09	12,015	98	80	8	22954	837,80	4,19	25,20	28,38	3,18	4,696	29,90	2,29840378
78	10	500	10	600	1	2008-09	10,345	98	80	8	22954	837,80	4,19	23,20	28,02	4,82	4,697	27,90	0,015214342
79	10	600	10	700	1	2008-09	10,785	98	80	8	22954	837,80	4,19	23,00	28,74	5,74	4,696	27,70	1,088944317
80	10	700	10	800	1	2008-09	9,854	98	80	8	22954	837,80	4,19	23,00	27,70	4,70	4,697	27,70	9,77364E-06
81	10	800	10	900	1	2008-09	10,559	98	80	8	22954	837,80	4,19	23,20	29,04	5,84	4,697	27,90	1,307443902
82	10	900	10	1000	1	2008-09	12,933	98	80	8	22954	837,80	4,19	24,80	30,50	5,70	4,696	29,50	1,008443986
83	10	1000	10	1100	1	2008-09	10,115	98	80	8	22665	827,29	4,14	26,40	32,10	5,70	4,638	31,04	1,128177893
84	10	1100	10	1200	1	2008-09	12,425	98	80	8	22665	827,29	4,14	25,40	30,08	4,68	4,637	30,04	0,001847537
85	10	1200	10	1300	1	2008-09	9,476	98	80	8	22906	836,05	4,18	24,80	29,84	5,04	4,687	29,49	0,124438804
86	10	1300	10	1400	1	2008-09	10,260	98	80	8	22906	836,05	4,18	24,60	26,68	2,08	4,687	29,29	6,795779311
87	10	1400	10	1500	1	2008-09	9,857	98	80	8	22906	836,05	4,18	23,40	27,48	4,08	4,687	28,09	0,368514112
88	10	1500	10	1600	1	2008-09	9,856	98	80	8	22906	836,05	4,18	24,00	28,92	4,92	4,687	28,69	0,054263783
89	10	1600	10	1700	1	2008-09	10,668	98	80	8	22906	836,05	4,18	24,80	30,66	5,86	4,687	29,49	1,376627298

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
90	10	1700	10	1800	1	2008-09	11,319	98	80	8	22906	836,05	4,18	24,80	30,00	5,20	4,686	29,49	0,263723993
91	10	1800	10	1900	1	2008-09	10,453	98	80	8	22906	836,05	4,18	25,00	29,88	4,88	4,687	29,69	0,037330102
92	10	1900	10	2000	1	2008-09	10,245	98	80	8	22906	836,05	4,18	24,60	27,90	3,30	4,687	29,29	1,923430958
93	10	2000	10	2100	1	2008-09	11,157	98	80	8	22906	836,05	4,18	23,80	28,48	4,68	4,687	28,49	4,24726E-05
94	10	2100	10	2200	1	2008-09	11,822	98	80	8	22906	836,05	4,18	23,40	27,14	3,74	4,686	28,09	0,895466911
95	10	2200	10	2300	1	2008-09	10,944	98	80	8	22906	836,05	4,18	22,00	24,60	2,60	4,687	26,69	4,353881301
96	10	2300	10	2400	1	2008-09	13,255	98	80	8,5	22906	836,05	4,18	20,80	27,10	6,30	4,557	25,36	3,03772031
97	10	2400	10	2500	1	2008-09	12,741	98	80	8,5	23136	844,47	4,22	23,60	28,00	4,40	4,603	28,20	0,0412334
98	10	2500	10	2600	1	2008-09	10,468	98	80	8,5	23511	858,14	4,29	22,20	28,68	6,48	4,678	26,88	3,24611507
99	10	2600	10	2700	1	2008-09	8,020	98	80	8	23511	858,14	4,29	25,40	29,54	4,14	4,812	30,21	0,451382627
100	10	2700	10	2800	1	2008-09	7,380	98	80	9	23511	858,14	4,29	25,67	30,12	4,45	4,559	30,23	0,011851913
1	8	10000	8	10100	1	2009-10	7,864	98	80	10	14092	514,37	2,57	4,70	6,98	2,28	2,605	7,31	0,105680614
2	8	10100	8	10200	1	2009-10	8,118	98	80	10	14092	514,37	2,57	8,58	11,58	3,00	2,605	11,18	0,156097934
3	8	10200	8	10300	1	2009-10	8,549	98	80	9,8	14092	514,37	2,57	11,32	16,04	4,72	2,629	13,95	4,372668358
32	9	2300	9	2400	1	2009-10	8,613	98	80	9,4	20874	761,90	3,81	6,26	7,42	1,16	3,967	10,23	7,880428408
33	9	2400	9	2500	1	2009-10	9,090	98	80	10,9	20874	761,90	3,81	9,76	14,16	4,40	3,706	13,47	0,481566603
34	9	2500	9	2600	1	2009-10	7,418	98	80	7,6	20874	761,90	3,81	16,06	20,46	4,40	4,375	20,44	0,000619786
35	9	2600	9	2700	1	2009-10	7,763	98	80	7,6	20874	761,90	3,81	15,66	19,86	4,20	4,375	20,03	0,030563102
36	9	2700	9	2800	1	2009-10	8,600	98	80	8	20874	761,90	3,81	12,86	17,08	4,22	4,272	17,13	0,002740317
37	9	2800	9	2900	1	2009-10	6,700	98	80	8	20874	761,90	3,81	12,86	16,72	3,86	4,274	17,13	0,171312222
38	9	2900	9	3000	1	2009-10	10,163	98	80	8	20874	761,90	3,81	13,66	17,94	4,28	4,272	17,93	7,17246E-05
39	9	3000	9	3100	1	2009-10	9,752	98	80	8	20874	761,90	3,81	14,22	18,10	3,88	4,272	18,49	0,153443377
40	9	3100	9	3250	1	2009-10	11,645	98	80	8,5	20874	761,90	3,81	15,88	20,13	4,25	4,154	20,03	0,009292511
73	10	0	10	100	1	2009-10	9,909	98	80	8,5	20874	761,90	3,81	14,58	18,65	4,07	4,154	18,73	0,007102469
74	10	100	10	200	1	2009-10	10,267	98	80	8,5	23422	854,90	4,27	13,82	17,52	3,70	4,661	18,48	0,923082118
1	8	10000	8	10100	1	2010-11	7,864	98	80	10	14380	524,87	2,62	6,98	8,16	1,18	2,658	9,64	2,18495605
2	8	10100	8	10200	1	2010-11	8,118	98	80	10	14380	524,87	2,62	11,58	18,20	6,62	2,658	14,24	15,69759117
3	8	10200	8	10300	1	2010-11	8,549	98	80	9,8	14380	524,87	2,62	16,04	19,90	3,86	2,682	18,72	1,386562942
4	8	10300	8	10400	1	2010-11	8,391	98	80	9,5	14380	524,87	2,62	10,95	20,82	9,87	2,721	13,67	51,0584422
9	9	0	9	100	1	2010-11	8,909	98	80	9,7	14380	524,87	2,62	5,72	8,70	2,98	2,695	8,41	0,083176033
10	9	100	9	200	1	2010-11	8,578	98	80	9,7	14380	524,87	2,62	6,08	8,46	2,38	2,695	8,78	0,099302292
11	9	200	9	300	1	2010-11	11,686	98	80	9,2	14380	524,87	2,62	5,54	8,30	2,76	2,76	8,30	6,28648E-09

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
12	9	300	9	400	1	2010-11	4,558	98	80	9,2	14380	524,87	2,62	5,64	8,26	2,62	2,766	8,41	0,021379415
13	9	400	9	500	1	2010-11	4,363	98	80	9,5	14380	524,87	2,62	6,44	8,62	2,18	2,726	9,17	0,298442756
14	9	500	9	600	1	2010-11	9,210	98	80	9,7	14380	524,87	2,62	5,64	9,44	3,80	2,695	8,33	1,221535137
15	9	600	9	700	1	2010-11	12,399	98	80	9,7	14380	524,87	2,62	6,34	9,02	2,68	2,694	9,03	0,000184057
16	9	700	9	800	1	2010-11	10,608	98	80	7,7	21370	780,01	3,9	6,82	9,88	3,06	4,45	11,27	1,932810468
17	9	800	9	900	1	2010-11	8,816	98	80	7,7	21370	780,01	3,9	6,56	10,86	4,30	4,451	11,01	0,022839901
18	9	900	9	1000	1	2010-11	9,133	98	80	7,6	21370	780,01	3,9	6,78	10,44	3,66	4,478	11,26	0,66874124
19	9	1000	9	1100	1	2010-11	10,818	98	80	7,5	21370	780,01	3,9	7,70	11,96	4,26	4,504	12,20	0,059697128
20	9	1100	9	1200	1	2010-11	9,578	98	80	7,5	21370	780,01	3,9	6,86	11,78	4,92	4,505	11,36	0,172331599
21	9	1200	9	1300	1	2010-11	9,222	98	80	7,6	21370	780,01	3,9	7,72	11,66	3,94	4,478	12,20	0,289140266
22	9	1300	9	1400	1	2010-11	9,146	98	80	7,3	21370	780,01	3,9	11,44	12,44	1,00	4,561	16,00	12,68360388
23	9	1400	9	1500	1	2010-11	8,438	98	80	7,3	21370	780,01	3,9	7,32	7,36	0,04	4,562	11,88	20,44693042
24	9	1500	9	1600	1	2010-11	8,487	98	80	8,3	21370	780,01	3,9	7,72	9,48	1,76	4,3	12,02	6,454006108
25	9	1600	9	1700	1	2010-11	8,105	98	80	11,5	21370	780,01	3,9	6,58	8,42	1,84	3,702	10,28	3,468424458
26	9	1700	9	1800	1	2010-11	8,932	98	80	11,5	21300	777,45	3,89	5,36	6,36	1,00	3,69	9,05	7,234637792
28	9	1900	9	2000	1	2010-11	7,774	98	80	11,4	21300	777,45	3,89	6,18	6,86	0,68	3,705	9,89	9,152673691
29	9	2000	9	2100	1	2010-11	9,449	98	80	11,7	21300	777,45	3,89	4,96	6,08	1,12	3,66	8,62	6,453299581
30	9	2100	9	2200	1	2010-11	9,385	98	80	11,7	21300	777,45	3,89	4,16	5,22	1,06	3,66	7,82	6,761910222
31	9	2200	9	2300	1	2010-11	7,667	98	80	11,7	21300	777,45	3,89	4,30	4,72	0,42	3,661	7,96	10,50716265
34	9	2500	9	2600	1	2010-11	7,418	98	80	7,6	21300	777,45	3,89	20,46	22,72	2,26	4,464	24,92	4,858898539
35	9	2600	9	2700	1	2010-11	7,763	98	80	7,6	21300	777,45	3,89	19,86	25,72	5,86	4,464	24,32	1,948791234
36	9	2700	9	2800	1	2010-11	8,600	98	80	8	21300	777,45	3,89	17,08	23,78	6,70	4,359	21,44	5,478159665
37	9	2800	9	2900	1	2010-11	6,700	98	80	8	21300	777,45	3,89	16,72	20,78	4,06	4,361	21,08	0,090605421
38	9	2900	9	3000	1	2010-11	10,163	98	80	8	21300	777,45	3,89	17,94	22,94	5,00	4,359	22,30	0,411350044
39	9	3000	9	3100	1	2010-11	9,752	98	80	8	21300	777,45	3,89	18,10	21,98	3,88	4,359	22,46	0,22927068
40	9	3100	9	3250	1	2010-11	11,645	98	80	8,5	21300	777,45	3,89	20,13	24,70	4,58	4,238	24,36	0,113360782
73	10	0	10	100	1	2010-11	9,909	98	80	8,5	21300	777,45	3,89	18,65	24,16	5,51	4,239	22,89	1,615480683
74	10	100	10	200	1	2010-11	10,267	98	80	8,5	23900	872,35	4,36	17,52	23,88	6,36	4,756	22,28	2,573398257
75	10	200	10	300	1	2010-11	8,739	98	80	8,5	23900	872,35	4,36	8,72	18,52	9,80	4,757	13,48	25,43581506
76	10	300	10	400	1	2010-11	9,862	98	80	8	23900	872,35	4,36	9,44	14,46	5,02	4,89	14,33	0,016799953
77	10	400	10	500	1	2010-11	12,015	98	80	8	23900	872,35	4,36	8,88	16,92	8,04	4,89	13,77	9,92526936
78	10	500	10	600	1	2010-11	10,345	98	80	8	23900	872,35	4,36	8,5	14,58	6,08	4,89	13,39	1,415700248

No	From		Til		Lane	Season ("year 1" - "year 2")	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M															
79	10	600	10	700	1	2010-11	10,785	98	80	8	23900	872,35	4,36	9,02	14,72	5,70	4,89	13,91	0,656118369
80	10	700	10	800	1	2010-11	9,854	98	80	8	23900	872,35	4,36	9,86	15,46	5,60	4,89	14,75	0,503547625
81	10	800	10	900	1	2010-11	10,559	98	80	8	23900	872,35	4,36	10,82	17,64	6,82	4,89	15,71	3,72459554
82	10	900	10	1000	1	2010-11	12,933	98	80	8	23900	872,35	4,36	10,4	18,2	7,80	4,889	15,29	8,472189472
83	10	1000	10	1100	1	2010-11	10,115	98	80	8	23600	861,40	4,31	10,86	18,42	7,56	4,829	15,69	7,458749887
84	10	1100	10	1200	1	2010-11	12,425	98	80	8	23600	861,40	4,31	12,14	18,06	5,92	4,828	16,97	1,192247084
85	10	1200	10	1300	1	2010-11	9,476	98	80	8	23850	870,53	4,35	12,18	19,12	6,94	4,88	17,06	4,242147593
86	10	1300	10	1400	1	2010-11	10,260	98	80	8	23850	870,53	4,35	12,76	19,56	6,80	4,88	17,64	3,686471757
87	10	1400	10	1500	1	2010-11	9,857	98	80	8	23850	870,53	4,35	12,68	19,62	6,94	4,88	17,56	4,242923522
88	10	1500	10	1600	1	2010-11	9,856	98	80	8	23850	870,53	4,35	12,56	18,92	6,36	4,88	17,44	2,189912546
89	10	1600	10	1700	1	2010-11	10,668	98	80	8	23850	870,53	4,35	12,82	19,86	7,04	4,88	17,70	4,666414845
90	10	1700	10	1800	1	2010-11	11,319	98	80	8	23850	870,53	4,35	12,9	19,48	6,58	4,88	17,78	2,891471444
91	10	1800	10	1900	1	2010-11	10,453	98	80	8	23850	870,53	4,35	12,18	19,56	7,38	4,88	17,06	6,25050301
92	10	1900	10	2000	1	2010-11	10,245	98	80	8	23850	870,53	4,35	12,58	18,7	6,12	4,88	17,46	1,537629958
93	10	2000	10	2100	1	2010-11	11,157	98	80	8	23850	870,53	4,35	13,38	20,48	7,10	4,88	18,26	4,930063905
94	10	2100	10	2200	1	2010-11	11,822	98	80	8	23850	870,53	4,35	12,74	19,78	7,04	4,879	17,62	4,668199681
95	10	2200	10	2300	1	2010-11	10,944	98	80	8	23850	870,53	4,35	11,9	16,38	4,48	4,88	16,78	0,15976341
96	10	2300	10	2400	1	2010-11	13,255	98	80	8,5	23850	870,53	4,35	15,82	19,28	3,46	4,745	20,56	1,650940301
97	10	2400	10	2500	1	2010-11	12,741	98	80	8,5	24090	879,29	4,4	9,54	20,24	10,70	4,793	14,33	34,89565857
98	10	2500	10	2600	1	2010-11	10,468	98	80	8,5	24480	893,52	4,47	9,42	14	4,58	4,871	14,29	0,084716752
99	10	2600	10	2700	1	2010-11	8,020	98	80	8	24480	893,52	4,47	7,96	13,58	5,62	5,01	12,97	0,372019298
100	10	2700	10	2800	1	2010-11	7,380	98	80	9	24480	893,52	4,47	7,4	11,64	4,24	4,747	12,15	0,256676349

∑ 763,0814418

Appendix 9

Calculations of K_{rsw} and K_{rid}- E6, 2nd method of calculating SNP

Krsw= 2,351
Krid= 0,1

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
11	9	200	9	300	1	2006-07	0,155	10,36	98	80	9,2	13264	484,12	2,42	8,60	11,80	3,20	2,83532	11,44	0,132992
12	9	300	9	400	1	2006-07	0,193	9,008	98	80	9,2	13264	484,12	2,42	12,00	14,80	2,80	2,85195	14,85	0,0026989
14	9	500	9	600	1	2006-07	0,163	10,05	98	80	9,7	13264	484,12	2,42	14,00	17,60	3,60	2,77466	16,77	0,6811804
15	9	600	9	700	1	2006-07	0,130	11,57	98	80	9,7	13264	484,12	2,42	6,80	11,20	4,40	2,75972	9,56	2,6905072
16	9	700	9	800	1	2006-07	0,136	11,26	98	80	7,7	19711	719,45	3,6	10,00	15,40	5,40	4,46472	14,46	0,874746
17	9	800	9	900	1	2006-07	0,157	10,29	98	80	7,7	19711	719,45	3,6	12,60	18,80	6,20	4,47479	17,07	2,9763517
18	9	900	9	1000	1	2006-07	0,158	10,22	98	80	7,6	19711	719,45	3,6	12,00	18,60	6,60	4,50153	16,50	4,4035645
19	9	1000	9	1100	1	2006-07	0,158	10,24	98	80	7,5	19711	719,45	3,6	13,40	20,40	7,00	4,52766	17,93	6,1124714
20	9	1100	9	1200	1	2006-07	0,152	10,48	98	80	7,5	19711	719,45	3,6	13,20	20,20	7,00	4,52503	17,73	6,1254821
21	9	1200	9	1300	1	2006-07	0,139	11,1	98	80	7,6	19711	719,45	3,6	13,40	18,80	5,40	4,49225	17,89	0,824012
22	9	1300	9	1400	1	2006-07	0,181	9,41	98	80	7,3	19711	719,45	3,6	12,80	18,80	6,00	4,59238	17,39	1,9813957
34	9	2500	9	2600	1	2006-07	0,223	8,238	98	80	7,6	19646	717,10	3,59	7,20	10,40	3,20	4,51562	11,72	1,7308455
35	9	2600	9	2700	1	2006-07	0,354	6,152	98	80	7,6	19646	717,10	3,59	5,40	10,60	5,20	4,56779	9,97	0,3996926
36	9	2700	9	2800	1	2006-07	0,184	9,293	98	80	8	19646	717,10	3,59	4,60	8,60	4,00	4,39855	9,00	0,1588399
37	9	2800	9	2900	1	2006-07	0,181	9,378	98	80	8	19646	717,10	3,59	5,20	7,00	1,80	4,39737	9,60	6,7463466
38	9	2900	9	3000	1	2006-07	0,286	7,047	98	80	8	19646	717,10	3,59	4,40	7,80	3,40	4,44063	8,84	1,0829052
39	9	3000	9	3100	1	2006-07	0,306	6,75	98	80	8	19646	717,10	3,59	4,20	9,00	4,80	4,44857	8,65	0,1235021
40	9	3100	9	3250	1	2006-07	0,118	12,32	98	80	8,5	19646	717,10	3,59	4,75	10,38	5,63	4,25115	9,00	1,887476
43	9	200	9	300	2	2006-07	0,157	10,26	98	80	9,2	13264	484,12	2,42	9,80	12,60	2,80	2,83642	12,64	0,0013262
44	9	300	9	400	2	2006-07	0,138	11,16	98	80	9,2	13264	484,12	2,42	11,60	14,20	2,60	2,82743	14,43	0,0517261
47	9	600	9	700	2	2006-07	0,116	12,44	98	80	9,7	13264	484,12	2,42	8,80	14,80	6,00	2,75273	11,55	10,544756
48	9	700	9	800	2	2006-07	0,144	10,87	98	80	7,7	19711	719,45	3,6	10,80	17,40	6,60	4,46858	15,27	4,5429317
49	9	800	9	900	2	2006-07	0,169	9,812	98	80	7,7	19711	719,45	3,6	13,80	19,80	6,00	4,48046	18,28	2,3089891

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
50	9	900	9	1000	2	2006-07	0,178	9,503	98	80	7,6	19711	719,45	3,6	14,00	20,60	6,60	4,51034	18,51	4,3666855
51	9	1000	9	1100	2	2006-07	0,193	9,009	98	80	7,5	19711	719,45	3,6	13,80	22,60	8,80	4,54367	18,34	18,116339
52	9	1100	9	1200	2	2006-07	0,170	9,781	98	80	7,5	19711	719,45	3,6	14,60	20,40	5,80	4,53316	19,13	1,6048847
53	9	1200	9	1300	2	2006-07	0,150	10,59	98	80	7,6	19711	719,45	3,6	12,40	19,20	6,80	4,49741	16,90	5,3019036
54	9	1300	9	1400	2	2006-07	0,156	10,3	98	80	7,3	19711	719,45	3,6	14,20	21,00	6,80	4,58137	18,78	4,9223321
63	9	2200	9	2300	2	2006-07	0,146	10,77	98	80	12	19646	717,10	3,59	4,40	9,20	4,80	3,70605	8,11	1,196734
64	9	2300	9	2400	2	2006-07	0,155	10,37	98	80	9,4	19646	717,10	3,59	6,00	9,20	3,20	4,08446	10,08	0,782269
65	9	2400	9	2500	2	2006-07	0,254	7,58	98	80	11	19646	717,10	3,59	6,80	11,60	4,80	3,87028	10,67	0,8643783
66	9	2500	9	2600	2	2006-07	0,223	8,243	98	80	7,6	19646	717,10	3,59	12,40	18,00	5,60	4,51553	16,92	1,1760698
67	9	2600	9	2700	2	2006-07	0,236	7,946	98	80	7,6	19646	717,10	3,59	11,60	16,20	4,60	4,52107	16,12	0,0062301
68	9	2700	9	2800	2	2006-07	0,205	8,685	98	80	8	19646	717,10	3,59	9,20	13,40	4,20	4,40763	13,61	0,0431099
69	9	2800	9	2900	2	2006-07	0,215	8,418	98	80	8	19646	717,10	3,59	9,00	12,60	3,60	4,41204	13,41	0,6594168
70	9	2900	9	3000	2	2006-07	0,183	9,338	98	80	8	19646	717,10	3,59	7,40	11,60	4,20	4,39793	11,80	0,0391753
71	9	3000	9	3100	2	2006-07	0,244	7,79	98	80	8	19646	717,10	3,59	6,60	11,00	4,40	4,42374	11,02	0,0005637
72	9	3100	9	3250	2	2006-07	0,145	10,8	98	80	8,5	19646	717,10	3,59	7,50	11,88	4,38	4,26494	11,76	0,0121125
73	10	0	10	100	1	2006-07	0,116	12,4	98	80	8,5	19646	717,10	3,59	4,60	8,33	3,73	4,25055	8,85	0,2675122
74	10	100	10	200	1	2006-07	0,109	12,9	98	80	8,5	22045	804,63	4,02	4,60	8,80	4,20	4,74773	9,35	0,3000132
75	10	200	10	300	1	2006-07	0,223	8,229	98	80	8,5	22045	804,63	4,02	6,20	10,40	4,20	4,80138	11,00	0,3616528
76	10	300	10	400	1	2006-07	0,210	8,567	98	80	8	22045	804,63	4,02	10,80	15,20	4,40	4,92528	15,73	0,2759215
77	10	400	10	500	1	2006-07	0,107	13,06	98	80	8	22045	804,63	4,02	13,80	18,80	5,00	4,8764	18,68	0,0152766
78	10	500	10	600	1	2006-07	0,073	16,59	98	80	8	22045	804,63	4,02	13,80	17,60	3,80	4,85593	18,66	1,1149831
79	10	600	10	700	1	2006-07	0,123	11,96	98	80	8	22045	804,63	4,02	13,60	17,80	4,20	4,88501	18,49	0,4692447
80	10	700	10	800	1	2006-07	0,118	12,33	98	80	8	22045	804,63	4,02	13,20	17,20	4,00	4,88194	18,08	0,7778106
81	10	800	10	900	1	2006-07	0,113	12,63	98	80	8	22045	804,63	4,02	13,80	17,60	3,80	4,87958	18,68	1,165484
82	10	900	10	1000	1	2006-07	0,111	12,8	98	80	8	22045	804,63	4,02	14,60	20,40	5,80	4,87827	19,48	0,8495834
83	10	1000	10	1100	1	2006-07	0,138	11,16	98	80	8	21768	794,53	3,97	14,00	20,40	6,40	4,83289	18,83	2,4558284
84	10	1100	10	1200	1	2006-07	0,119	12,27	98	80	8	21768	794,53	3,97	14,20	18,60	4,40	4,82303	19,02	0,1789551

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
85	10	1200	10	1300	1	2006-07	0,160	10,15	98	80	8	21998	802,94	4,01	13,20	19,80	6,60	4,89325	18,09	2,9129993
86	10	1300	10	1400	1	2006-07	0,168	9,834	98	80	8	21998	802,94	4,01	12,20	20,00	7,80	4,89704	17,10	8,4271609
87	10	1400	10	1500	1	2006-07	0,150	10,58	98	80	8	21998	802,94	4,01	12,80	19,20	6,40	4,88838	17,69	2,2850061
88	10	1500	10	1600	1	2006-07	0,165	9,967	98	80	8	21998	802,94	4,01	13,60	19,60	6,00	4,8954	18,50	1,2201447
89	10	1600	10	1700	1	2006-07	0,128	11,71	98	80	8	21998	802,94	4,01	14,60	20,80	6,20	4,87731	19,48	1,7495217
90	10	1700	10	1800	1	2006-07	0,114	12,6	98	80	8	21998	802,94	4,01	15,20	20,40	5,20	4,86989	20,07	0,1089747
91	10	1800	10	1900	1	2006-07	0,157	10,29	98	80	8	21998	802,94	4,01	14,80	20,40	5,60	4,89157	19,69	0,5018663
92	10	1900	10	2000	1	2006-07	0,169	9,812	98	80	8	21998	802,94	4,01	14,40	20,20	5,80	4,89732	19,30	0,8148322
93	10	2000	10	2100	1	2006-07	0,089	14,67	98	80	8	21998	802,94	4,01	14,00	19,60	5,60	4,85601	18,86	0,5535177
94	10	2100	10	2200	1	2006-07	0,156	10,31	98	80	8	21998	802,94	4,01	14,20	19,00	4,80	4,89139	19,09	0,0083513
95	10	2200	10	2300	1	2006-07	0,112	12,72	98	80	8	21998	802,94	4,01	13,20	18,00	4,80	4,86897	18,07	0,0047563
96	10	2300	10	2400	1	2006-07	0,096	14,02	98	80	8,5	21998	802,94	4,01	13,40	17,60	4,20	4,73047	18,13	0,2813934
97	10	2400	10	2500	1	2006-07	0,089	14,74	98	80	8,5	22220	811,02	4,06	15,40	20,20	4,80	4,77232	20,17	0,0007662
98	10	2500	10	2600	1	2006-07	0,174	9,636	98	80	8,5	22580	824,15	4,12	14,60	19,00	4,40	4,89151	19,49	0,2415773
99	10	2600	10	2700	1	2006-07	0,270	7,299	98	80	8	22580	824,15	4,12	16,20	20,80	4,60	5,06564	21,27	0,2168164
100	10	2700	10	2800	1	2006-07	0,188	9,185	98	80	9	22580	824,15	4,12	16,83	21,80	4,97	4,77572	21,61	0,0364593
101	10	0	10	100	2	2006-07	0,126	11,83	98	80	8,5	19646	717,10	3,59	7,00	11,83	4,83	4,25522	11,26	0,3342166
102	10	100	10	200	2	2006-07	0,127	11,75	98	80	8,5	22045	804,63	4,02	7,20	12,20	5,00	4,75708	11,96	0,05901
103	10	200	10	300	2	2006-07	0,238	7,913	98	80	8,5	22045	804,63	4,02	12,40	18,40	6,00	4,80738	17,21	1,4223408
104	10	300	10	400	2	2006-07	0,170	9,766	98	80	8	22045	804,63	4,02	16,60	22,20	5,60	4,90781	21,51	0,4791319
105	10	400	10	500	2	2006-07	0,129	11,61	98	80	8	22045	804,63	4,02	17,80	23,60	5,80	4,88811	22,69	0,8315471
106	10	500	10	600	2	2006-07	0,104	13,33	98	80	8	22045	804,63	4,02	16,20	22,40	6,20	4,87445	21,07	1,7570871
107	10	600	10	700	2	2006-07	0,121	12,13	98	80	8	22045	804,63	4,02	16,60	20,60	4,00	4,88358	21,48	0,780705
108	10	700	10	800	2	2006-07	0,154	10,4	98	80	8	22045	804,63	4,02	17,60	22,60	5,00	4,90025	22,50	0,0099501
109	10	800	10	900	2	2006-07	0,143	10,91	98	80	8	22045	804,63	4,02	16,80	21,80	5,00	4,89479	21,69	0,0110698
110	10	900	10	1000	2	2006-07	0,132	11,48	98	80	8	22045	804,63	4,02	16,40	20,20	3,80	4,88925	21,29	1,1864711
111	10	1000	10	1100	2	2006-07	0,114	12,55	98	80	8	21768	794,53	3,97	15,00	19,60	4,60	4,82079	19,82	0,0487485

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
112	10	1100	10	1200	2	2006-07	0,101	13,58	98	80	8	21768	794,53	3,97	15,40	19,60	4,20	4,81333	20,21	0,3761699
113	10	1200	10	1300	2	2006-07	0,135	11,32	98	80	8	21998	802,94	4,01	15,40	18,60	3,20	4,88088	20,28	2,8253698
114	10	1300	10	1400	2	2006-07	0,183	9,343	98	80	8	21998	802,94	4,01	15,00	18,20	3,20	4,90353	19,90	2,9020049
115	10	1400	10	1500	2	2006-07	0,213	8,485	98	80	8	21998	802,94	4,01	16,00	19,60	3,60	4,91674	20,92	1,733808
116	10	1500	10	1600	2	2006-07	0,182	9,365	98	80	8	21998	802,94	4,01	14,40	19,00	4,60	4,90321	19,30	0,0919379
117	10	1600	10	1700	2	2006-07	0,122	12,06	98	80	8	21998	802,94	4,01	15,00	19,40	4,40	4,87425	19,87	0,2249096
118	10	1700	10	1800	2	2006-07	0,138	11,12	98	80	8	21998	802,94	4,01	15,20	19,80	4,60	4,88276	20,08	0,0799509
119	10	1800	10	1900	2	2006-07	0,153	10,43	98	80	8	21998	802,94	4,01	16,20	20,60	4,40	4,89005	21,09	0,2401526
120	10	1900	10	2000	2	2006-07	0,200	8,832	98	80	8	21998	802,94	4,01	15,40	18,80	3,40	4,91107	20,31	2,2833449
121	10	2000	10	2100	2	2006-07	0,111	12,8	98	80	8	21998	802,94	4,01	15,40	20,80	5,40	4,86837	20,27	0,2826341
122	10	2100	10	2200	2	2006-07	0,161	10,1	98	80	8	21998	802,94	4,01	17,80	21,80	4,00	4,89376	22,69	0,7988157
123	10	2200	10	2300	2	2006-07	0,131	11,5	98	80	8	21998	802,94	4,01	17,20	21,80	4,60	4,87922	22,08	0,0779629
124	10	2300	10	2400	2	2006-07	0,136	11,26	98	80	8,5	21998	802,94	4,01	21,80	26,20	4,40	4,75193	26,55	0,1238575
125	10	2400	10	2500	2	2006-07	0,154	10,39	98	80	8,5	22220	811,02	4,06	20,00	24,20	4,20	4,8072	24,81	0,3686871
126	10	2500	10	2600	2	2006-07	0,268	7,329	98	80	8,5	22580	824,15	4,12	17,40	19,20	1,80	4,93196	22,33	9,8091468
127	10	2600	10	2700	2	2006-07	0,311	6,686	98	80	8	22580	824,15	4,12	16,60	21,60	5,00	5,08184	21,68	0,006697
128	10	2700	10	2800	2	2006-07	0,219	8,32	98	80	9	22580	824,15	4,12	19,67	24,00	4,33	4,78963	24,46	0,2082031
1	8	10000	8	10100	1	2007-08	0,163	10,03	98	80	10	13534	494,00	2,47	4,20	5,00	0,80	2,79138	6,99	3,9656016
2	8	10100	8	10200	1	2007-08	0,170	9,768	98	80	10	13534	494,00	2,47	4,20	4,60	0,40	2,79448	6,99	5,7335426
3	8	10200	8	10300	1	2007-08	0,181	9,403	98	80	9,8	13534	494,00	2,47	5,20	7,60	2,40	2,82346	8,02	0,1793201
4	8	10300	8	10400	1	2007-08	0,235	7,971	98	80	9,5	13534	494,00	2,47	4,83	7,00	2,17	2,88363	7,72	0,5140383
5	8	10000	8	10100	2	2007-08	0,169	9,814	98	80	10	13534	494,00	2,47	3,60	5,80	2,20	2,79393	6,39	0,3527523
6	8	10100	8	10200	2	2007-08	0,200	8,822	98	80	10	13534	494,00	2,47	5,00	7,40	2,40	2,80712	7,81	0,165745
7	8	10200	8	10300	2	2007-08	0,180	9,436	98	80	9,8	13534	494,00	2,47	4,20	7,60	3,40	2,82304	7,02	0,3328883
8	8	10300	8	10400	2	2007-08	0,149	10,61	98	80	9,5	13534	494,00	2,47	4,17	7,50	3,33	2,84755	7,01	0,2359831
24	9	1500	9	1600	1	2009-10	0,223	8,243	98	80	8,3	20943	764,40	3,82	6,98	7,72	0,74	4,61864	11,60	15,043824
25	9	1600	9	1700	1	2009-10	0,200	8,825	98	80	12	20943	764,40	3,82	5,68	6,58	0,90	3,99482	9,67	9,5779053

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
26	9	1700	9	1800	1	2009-10	0,185	9,257	98	80	12	20874	761,90	3,81	4,22	5,36	1,14	3,97592	8,20	8,0424324
27	9	1800	9	1900	1	2009-10	0,226	8,168	98	80	11	20874	761,90	3,81	4,76	5,70	0,94	4,00867	8,77	9,4167641
28	9	1900	9	2000	1	2009-10	0,169	9,795	98	80	11	20874	761,90	3,81	5,34	6,18	0,84	3,98398	9,32	9,8845799
29	9	2000	9	2100	1	2009-10	0,214	8,443	98	80	12	20874	761,90	3,81	4,48	4,96	0,48	3,9587	8,44	12,101341
31	9	2200	9	2300	1	2009-10	0,236	7,948	98	80	12	20874	761,90	3,81	4,24	4,30	0,06	3,96774	8,21	15,270463

∑ 243,2445

Appendix 10

Calculations of K_{rsw} and K_{rst}- E6, 2nd method of calculating SNP

Krsw=	2,35
Krst=	0,1

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
1	8	10000	8	10100	1	2005-06	0,163	10,03	98	80	10	12998	474,44	2,37	16,40	17,40	1,00	2,509	18,91	2,27843066
2	8	10100	8	10200	1	2005-06	0,170	9,768	98	80	10	12998	474,44	2,37	8,20	11,00	2,80	2,51	10,71	0,0843535
3	8	10200	8	10300	1	2005-06	0,181	9,403	98	80	9,8	12998	474,44	2,37	13,20	16,60	3,40	2,533	15,73	0,75146449
4	8	10300	8	10400	1	2005-06	0,235	7,971	98	80	9,5	12998	474,44	2,37	10,83	15,33	4,50	2,57	13,40	3,72336706
6	8	10100	8	10200	2	2005-06	0,200	8,822	98	80	10	12998	474,44	2,37	14,40	20,60	6,20	2,51	16,91	13,6158078
7	8	10200	8	10300	2	2005-06	0,180	9,436	98	80	9,8	12998	474,44	2,37	17,80	21,80	4,00	2,533	20,33	2,15175625
8	8	10300	8	10400	2	2005-06	0,149	10,61	98	80	9,5	12998	474,44	2,37	15,00	17,17	2,17	2,569	17,57	0,16190316
9	9	0	9	100	1	2005-06	0,186	9,241	98	80	9,7	12998	474,44	2,37	12,60	14,75	2,15	2,545	15,15	0,15616007
10	9	100	9	200	1	2005-06	0,165	9,946	98	80	9,7	12998	474,44	2,37	13,20	16,00	2,80	2,545	15,74	0,06510687
13	9	400	9	500	1	2005-06	0,138	11,14	98	80	9,5	12998	474,44	2,37	15,20	16,20	1,00	2,569	17,77	2,46129069
23	9	1400	9	1500	1	2005-06	0,243	7,802	98	80	7,3	19317	705,06	3,53	5,20	8,60	3,40	4,309	9,51	0,82619589
24	9	1500	9	1600	1	2005-06	0,223	8,243	98	80	8,3	19317	705,06	3,53	5,80	7,00	1,20	4,062	9,86	8,19011036
25	9	1600	9	1700	1	2005-06	0,200	8,825	98	80	11,5	19317	705,06	3,53	4,80	6,80	2,00	3,496	8,30	2,2391061
26	9	1700	9	1800	1	2005-06	0,185	9,257	98	80	11,5	19254	702,75	3,51	5,40	6,60	1,20	3,485	8,88	5,21978225
27	9	1800	9	1900	1	2005-06	0,226	8,168	98	80	11,4	19254	702,75	3,51	4,40	6,00	1,60	3,499	7,90	3,60754288
28	9	1900	9	2000	1	2005-06	0,169	9,795	98	80	11,4	19254	702,75	3,51	5,80	7,40	1,60	3,498	9,30	3,60402423
29	9	2000	9	2100	1	2005-06	0,214	8,443	98	80	11,7	19254	702,75	3,51	6,00	6,80	0,80	3,458	9,46	7,06318292
30	9	2100	9	2200	1	2005-06	0,174	9,614	98	80	11,7	19254	702,75	3,51	4,80	6,60	1,80	3,457	8,26	2,74567665
41	9	0	9	100	2	2005-06	0,174	9,646	98	80	9,7	12998	474,44	2,37	13,33	16,40	3,07	2,545	15,88	0,27216307
42	9	100	9	200	2	2005-06	0,154	10,4	98	80	9,7	12998	474,44	2,37	13,80	16,40	2,60	2,545	16,34	0,00306335
45	9	400	9	500	2	2005-06	0,122	12,04	98	80	9,5	12998	474,44	2,37	11,00	14,00	3,00	2,569	13,57	0,1861334
55	9	1400	9	1500	2	2005-06	0,272	7,268	98	80	7,3	19317	705,06	3,53	7,20	14,40	7,20	4,309	11,51	8,35561032
56	9	1500	9	1600	2	2005-06	0,255	7,568	98	80	8,3	19317	705,06	3,53	5,40	12,60	7,20	4,062	9,46	9,84491906

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
57	9	1600	9	1700	2	2005-06	0,235	7,972	98	80	11,5	19317	705,06	3,53	6,20	13,20	7,00	3,497	9,70	12,2715568
58	9	1700	9	1800	2	2005-06	0,273	7,254	98	80	11,5	19254	702,75	3,51	6,40	11,80	5,40	3,486	9,89	3,66316449
59	9	1800	9	1900	2	2005-06	0,272	7,272	98	80	11,4	19254	702,75	3,51	5,80	12,20	6,40	3,5	9,30	8,40968325
60	9	1900	9	2000	2	2005-06	0,289	6,988	98	80	11,4	19254	702,75	3,51	7,00	12,20	5,20	3,5	10,50	2,88892046
61	9	2000	9	2100	2	2005-06	0,248	7,698	98	80	11,7	19254	702,75	3,51	6,20	12,80	6,60	3,458	9,66	9,87094166
62	9	2100	9	2200	2	2005-06	0,121	12,11	98	80	11,7	19254	702,75	3,51	6,40	10,60	4,20	3,456	9,86	0,55345127
9	9	0	9	100	1	2006-07	0,186	9,241	98	80	9,7	13264	484,12	2,42	14,75	16,40	1,65	2,597	17,35	0,89688147
10	9	100	9	200	1	2006-07	0,165	9,946	98	80	9,7	13264	484,12	2,42	16,00	18,80	2,80	2,597	18,60	0,04132841
13	9	400	9	500	1	2006-07	0,138	11,14	98	80	9,5	13264	484,12	2,42	16,20	20,20	4,00	2,621	18,82	1,9010479
24	9	1500	9	1600	1	2006-07	0,223	8,243	98	80	8,3	19711	719,45	3,6	7,00	8,60	1,60	4,145	11,14	6,4752047
25	9	1600	9	1700	1	2006-07	0,200	8,825	98	80	11,5	19711	719,45	3,6	6,80	8,40	1,60	3,568	10,37	3,87159211
27	9	1800	9	1900	1	2006-07	0,226	8,168	98	80	11,4	19646	717,10	3,59	6,00	6,20	0,20	3,571	9,57	11,3614741
28	9	1900	9	2000	1	2006-07	0,169	9,795	98	80	11,4	19646	717,10	3,59	7,40	8,80	1,40	3,57	10,97	4,70781517
29	9	2000	9	2100	1	2006-07	0,214	8,443	98	80	11,7	19646	717,10	3,59	6,80	7,20	0,40	3,528	10,33	9,78527734
30	9	2100	9	2200	1	2006-07	0,174	9,614	98	80	11,7	19646	717,10	3,59	6,60	7,00	0,40	3,527	10,13	9,78116079
31	9	2200	9	2300	1	2006-07	0,236	7,948	98	80	11,7	19646	717,10	3,59	5,00	6,00	1,00	3,528	8,53	6,39322733
32	9	2300	9	2400	1	2006-07	0,233	8,014	98	80	9,4	19646	717,10	3,59	5,00	5,60	0,60	3,902	8,90	10,9009374
41	9	0	9	100	2	2006-07	0,174	9,646	98	80	9,7	13264	484,12	2,42	16,40	19,00	2,60	2,597	19,00	9,979E-06
42	9	100	9	200	2	2006-07	0,154	10,4	98	80	9,7	13264	484,12	2,42	16,40	18,60	2,20	2,597	19,00	0,15722701
45	9	400	9	500	2	2006-07	0,122	12,04	98	80	9,5	13264	484,12	2,42	14,00	15,60	1,60	2,621	16,62	1,04230321
46	9	500	9	600	2	2006-07	0,153	10,44	98	80	9,7	13264	484,12	2,42	11,00	11,80	0,80	2,597	13,60	3,22741859
55	9	1400	9	1500	2	2006-07	0,272	7,268	98	80	7,3	19711	719,45	3,6	14,40	20,60	6,20	4,397	18,80	3,24995584
56	9	1500	9	1600	2	2006-07	0,255	7,568	98	80	8,3	19711	719,45	3,6	12,60	17,60	5,00	4,145	16,75	0,73077676
57	9	1600	9	1700	2	2006-07	0,235	7,972	98	80	11,5	19711	719,45	3,6	13,20	19,00	5,80	3,568	16,77	4,98095387
58	9	1700	9	1800	2	2006-07	0,273	7,254	98	80	11,5	19646	717,10	3,59	11,80	18,20	6,40	3,557	15,36	8,08207214
59	9	1800	9	1900	2	2006-07	0,272	7,272	98	80	11,4	19646	717,10	3,59	12,20	19,20	7,00	3,571	15,77	11,7554249
60	9	1900	9	2000	2	2006-07	0,289	6,988	98	80	11,4	19646	717,10	3,59	12,20	18,40	6,20	3,572	15,77	6,90825003

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
61	9	2000	9	2100	2	2006-07	0,248	7,698	98	80	11,7	19646	717,10	3,59	12,80	18,60	5,80	3,529	16,33	5,15892381
62	9	2100	9	2200	2	2006-07	0,121	12,11	98	80	11,7	19646	717,10	3,59	10,60	14,60	4,00	3,527	14,13	0,22417268
9	9	0	9	100	1	2007-08	0,186	9,241	98	80	9,7	13534	494,00	2,47	16,40	18,20	1,80	2,65	19,05	0,7224387
10	9	100	9	200	1	2007-08	0,165	9,946	98	80	9,7	13534	494,00	2,47	18,80	19,60	0,80	2,65	21,45	3,42113499
11	9	200	9	300	1	2007-08	0,155	10,36	98	80	9,2	13534	494,00	2,47	11,80	16,20	4,40	2,715	14,51	2,84037552
12	9	300	9	400	1	2007-08	0,193	9,008	98	80	9,2	13534	494,00	2,47	14,80	18,40	3,60	2,715	17,52	0,78271643
13	9	400	9	500	1	2007-08	0,138	11,14	98	80	9,5	13534	494,00	2,47	20,20	21,40	1,20	2,675	22,87	2,17458834
14	9	500	9	600	1	2007-08	0,163	10,05	98	80	9,7	13534	494,00	2,47	17,60	19,60	2,00	2,65	20,25	0,42196018
15	9	600	9	700	1	2007-08	0,130	11,57	98	80	9,7	13534	494,00	2,47	11,20	15,00	3,80	2,649	13,85	1,32473498
16	9	700	9	800	1	2007-08	0,136	11,26	98	80	7,7	20113	734,13	3,67	15,40	19,60	4,20	4,376	19,78	0,03097996
17	9	800	9	900	1	2007-08	0,157	10,29	98	80	7,7	20113	734,13	3,67	18,80	25,00	6,20	4,376	23,18	3,3255677
18	9	900	9	1000	1	2007-08	0,158	10,22	98	80	7,6	20113	734,13	3,67	18,60	24,40	5,80	4,403	23,00	1,95219656
19	9	1000	9	1100	1	2007-08	0,158	10,24	98	80	7,5	20113	734,13	3,67	20,40	28,20	7,80	4,43	24,83	11,3591723
20	9	1100	9	1200	1	2007-08	0,152	10,48	98	80	7,5	20113	734,13	3,67	20,20	26,60	6,40	4,43	24,63	3,8826166
21	9	1200	9	1300	1	2007-08	0,139	11,1	98	80	7,6	20113	734,13	3,67	18,80	25,20	6,40	4,402	23,20	3,99023229
22	9	1300	9	1400	1	2007-08	0,181	9,41	98	80	7,3	20113	734,13	3,67	18,80	23,60	4,80	4,485	23,29	0,0989586
23	9	1400	9	1500	1	2007-08	0,243	7,802	98	80	7,3	20113	734,13	3,67	8,60	9,40	0,80	4,486	13,09	13,5897769
24	9	1500	9	1600	1	2007-08	0,223	8,243	98	80	8,3	20113	734,13	3,67	8,60	8,80	0,20	4,229	12,83	16,2339492
29	9	2000	9	2100	1	2007-08	0,214	8,443	98	80	11,7	20047	731,73	3,66	7,20	8,00	0,80	3,6	10,80	7,84032918
30	9	2100	9	2200	1	2007-08	0,174	9,614	98	80	11,7	20047	731,73	3,66	7,00	7,20	0,20	3,599	10,60	11,5559153
32	9	2300	9	2400	1	2007-08	0,233	8,014	98	80	9,4	20047	731,73	3,66	5,60	6,40	0,80	3,981	9,58	10,1199709
33	9	2400	9	2500	1	2007-08	0,197	8,898	98	80	10,9	20047	731,73	3,66	6,60	7,80	1,20	3,719	10,32	6,34457045
34	9	2500	9	2600	1	2007-08	0,223	8,238	98	80	7,6	20047	731,73	3,66	10,40	13,60	3,20	4,389	14,79	1,41479364
35	9	2600	9	2700	1	2007-08	0,354	6,152	98	80	7,6	20047	731,73	3,66	10,60	14,60	4,00	4,391	14,99	0,15319188
36	9	2700	9	2800	1	2007-08	0,184	9,293	98	80	8	20047	731,73	3,66	8,60	11,60	3,00	4,287	12,89	1,65528075
37	9	2800	9	2900	1	2007-08	0,181	9,378	98	80	8	20047	731,73	3,66	7,00	10,20	3,20	4,287	11,29	1,18055321
38	9	2900	9	3000	1	2007-08	0,286	7,047	98	80	8	20047	731,73	3,66	7,80	11,00	3,20	4,288	12,09	1,18411433

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
39	9	3000	9	3100	1	2007-08	0,306	6,75	98	80	8	20047	731,73	3,66	9,00	11,20	2,20	4,288	13,29	4,36169151
40	9	3100	9	3250	1	2007-08	0,118	12,32	98	80	8,5	20047	731,73	3,66	10,38	13,43	3,05	4,168	14,54	1,24111359
41	9	0	9	100	2	2007-08	0,174	9,646	98	80	9,7	13534	494,00	2,47	19,00	21,50	2,50	2,65	21,65	0,02242994
42	9	100	9	200	2	2007-08	0,154	10,4	98	80	9,7	13534	494,00	2,47	18,60	20,00	1,40	2,649	21,25	1,56110814
43	9	200	9	300	2	2007-08	0,157	10,26	98	80	9,2	13534	494,00	2,47	12,60	15,60	3,00	2,715	15,31	0,0813962
44	9	300	9	400	2	2007-08	0,138	11,16	98	80	9,2	13534	494,00	2,47	14,20	15,80	1,60	2,714	16,91	1,24180936
45	9	400	9	500	2	2007-08	0,122	12,04	98	80	9,5	13534	494,00	2,47	15,60	17,20	1,60	2,674	18,27	1,15426096
46	9	500	9	600	2	2007-08	0,153	10,44	98	80	9,7	13534	494,00	2,47	11,80	16,20	4,40	2,649	14,45	3,06450847
47	9	600	9	700	2	2007-08	0,116	12,44	98	80	9,7	13534	494,00	2,47	14,80	19,60	4,80	2,649	17,45	4,62777224
48	9	700	9	800	2	2007-08	0,144	10,87	98	80	7,7	20113	734,13	3,67	17,40	23,20	5,80	4,376	21,78	2,02733634
49	9	800	9	900	2	2007-08	0,169	9,812	98	80	7,7	20113	734,13	3,67	19,80	26,40	6,60	4,377	24,18	4,94350961
50	9	900	9	1000	2	2007-08	0,178	9,503	98	80	7,6	20113	734,13	3,67	20,60	26,20	5,60	4,403	25,00	1,43251772
51	9	1000	9	1100	2	2007-08	0,193	9,009	98	80	7,5	20113	734,13	3,67	22,60	27,80	5,20	4,43	27,03	0,5924875
52	9	1100	9	1200	2	2007-08	0,170	9,781	98	80	7,5	20113	734,13	3,67	20,40	26,80	6,40	4,43	24,83	3,88141265
53	9	1200	9	1300	2	2007-08	0,150	10,59	98	80	7,6	20113	734,13	3,67	19,20	25,60	6,40	4,403	23,60	3,98946492
54	9	1300	9	1400	2	2007-08	0,156	10,3	98	80	7,3	20113	734,13	3,67	21,00	27,80	6,80	4,485	25,49	5,359188
55	9	1400	9	1500	2	2007-08	0,272	7,268	98	80	7,3	20113	734,13	3,67	20,60	27,40	6,80	4,487	25,09	5,3505566
56	9	1500	9	1600	2	2007-08	0,255	7,568	98	80	8,3	20113	734,13	3,67	17,60	23,60	6,00	4,23	21,83	3,1341693
57	9	1600	9	1700	2	2007-08	0,235	7,972	98	80	11,5	20113	734,13	3,67	19,00	25,00	6,00	3,641	22,64	5,56524714
58	9	1700	9	1800	2	2007-08	0,273	7,254	98	80	11,5	20047	731,73	3,66	18,20	24,40	6,20	3,63	21,83	6,6069972
59	9	1800	9	1900	2	2007-08	0,272	7,272	98	80	11,4	20047	731,73	3,66	19,20	24,00	4,80	3,644	22,84	1,33595739
60	9	1900	9	2000	2	2007-08	0,289	6,988	98	80	11,4	20047	731,73	3,66	18,40	23,80	5,40	3,644	22,04	3,0820335
61	9	2000	9	2100	2	2007-08	0,248	7,698	98	80	11,7	20047	731,73	3,66	18,60	23,80	5,20	3,601	22,20	2,55811003
62	9	2100	9	2200	2	2007-08	0,121	12,11	98	80	11,7	20047	731,73	3,66	14,60	21,40	6,80	3,598	18,20	10,2499632
63	9	2200	9	2300	2	2007-08	0,146	10,77	98	80	11,7	20047	731,73	3,66	9,20	13,60	4,40	3,599	12,80	0,6417673
64	9	2300	9	2400	2	2007-08	0,155	10,37	98	80	9,4	20047	731,73	3,66	9,20	11,80	2,60	3,98	13,18	1,90411437
65	9	2400	9	2500	2	2007-08	0,254	7,58	98	80	10,9	20047	731,73	3,66	11,60	13,40	1,80	3,72	15,32	3,68543188

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
66	9	2500	9	2600	2	2007-08	0,223	8,243	98	80	7,6	20047	731,73	3,66	18,00	21,00	3,00	4,389	22,39	1,93056521
67	9	2600	9	2700	2	2007-08	0,236	7,946	98	80	7,6	20047	731,73	3,66	16,20	19,60	3,40	4,39	20,59	0,97942304
68	9	2700	9	2800	2	2007-08	0,205	8,685	98	80	8	20047	731,73	3,66	13,40	16,60	3,20	4,287	17,69	1,18139933
69	9	2800	9	2900	2	2007-08	0,215	8,418	98	80	8	20047	731,73	3,66	12,60	14,60	2,00	4,287	16,89	5,23077979
70	9	2900	9	3000	2	2007-08	0,183	9,338	98	80	8	20047	731,73	3,66	11,60	14,60	3,00	4,287	15,89	1,65522033
71	9	3000	9	3100	2	2007-08	0,244	7,79	98	80	8	20047	731,73	3,66	11,00	14,40	3,40	4,288	15,29	0,78771644
72	9	3100	9	3250	2	2007-08	0,145	10,8	98	80	8,5	20047	731,73	3,66	11,88	15,38	3,50	4,168	16,04	0,44639933
73	10	0	10	100	1	2007-08	0,116	12,4	98	80	8,5	20047	731,73	3,66	8,33	12,20	3,87	4,168	12,50	0,09056246
74	10	100	10	200	1	2007-08	0,109	12,9	98	80	8,5	22494	821,05	4,11	8,80	11,60	2,80	4,676	13,48	3,51880149
75	10	200	10	300	1	2007-08	0,223	8,229	98	80	8,5	22494	821,05	4,11	10,40	12,20	1,80	4,678	15,08	8,28202716
76	10	300	10	400	1	2007-08	0,210	8,567	98	80	8	22494	821,05	4,11	15,20	21,00	5,80	4,81	20,01	0,98054577
77	10	400	10	500	1	2007-08	0,107	13,06	98	80	8	22494	821,05	4,11	18,80	25,20	6,40	4,808	23,61	2,53461056
78	10	500	10	600	1	2007-08	0,073	16,59	98	80	8	22494	821,05	4,11	17,60	23,20	5,60	4,807	22,41	0,62845334
79	10	600	10	700	1	2007-08	0,123	11,96	98	80	8	22494	821,05	4,11	17,80	23,00	5,20	4,808	22,61	0,1534565
80	10	700	10	800	1	2007-08	0,118	12,33	98	80	8	22494	821,05	4,11	17,20	23,00	5,80	4,808	22,01	0,98376071
81	10	800	10	900	1	2007-08	0,113	12,63	98	80	8	22494	821,05	4,11	17,60	23,20	5,60	4,808	22,41	0,62715677
82	10	900	10	1000	1	2007-08	0,111	12,8	98	80	8	22494	821,05	4,11	20,40	24,80	4,40	4,808	25,21	0,16648101
83	10	1000	10	1100	1	2007-08	0,138	11,16	98	80	8	22212	810,74	4,05	20,40	26,40	6,00	4,748	25,15	1,56696509
84	10	1100	10	1200	1	2007-08	0,119	12,27	98	80	8	22212	810,74	4,05	18,60	25,40	6,80	4,748	23,35	4,21130373
85	10	1200	10	1300	1	2007-08	0,160	10,15	98	80	8	22447	819,33	4,1	19,80	24,80	5,00	4,799	24,60	0,0404475
86	10	1300	10	1400	1	2007-08	0,168	9,834	98	80	8	22447	819,33	4,1	20,00	24,60	4,60	4,799	24,80	0,0396118
87	10	1400	10	1500	1	2007-08	0,150	10,58	98	80	8	22447	819,33	4,1	19,20	23,40	4,20	4,799	24,00	0,3584439
88	10	1500	10	1600	1	2007-08	0,165	9,967	98	80	8	22447	819,33	4,1	19,60	24,00	4,40	4,799	24,40	0,15917322
89	10	1600	10	1700	1	2007-08	0,128	11,71	98	80	8	22447	819,33	4,1	20,80	24,80	4,00	4,798	25,60	0,63727014
90	10	1700	10	1800	1	2007-08	0,114	12,6	98	80	8	22447	819,33	4,1	20,40	24,80	4,40	4,798	25,20	0,15842188
91	10	1800	10	1900	1	2007-08	0,157	10,29	98	80	8	22447	819,33	4,1	20,40	25,00	4,60	4,799	25,20	0,03953
92	10	1900	10	2000	1	2007-08	0,169	9,812	98	80	8	22447	819,33	4,1	20,20	24,60	4,40	4,799	25,00	0,15923098

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
93	10	2000	10	2100	1	2007-08	0,089	14,67	98	80	8	22447	819,33	4,1	19,60	23,80	4,20	4,798	24,40	0,35704602
94	10	2100	10	2200	1	2007-08	0,156	10,31	98	80	8	22447	819,33	4,1	19,00	23,40	4,40	4,799	23,80	0,15905295
95	10	2200	10	2300	1	2007-08	0,112	12,72	98	80	8	22447	819,33	4,1	18,00	22,00	4,00	4,798	22,80	0,636787
96	10	2300	10	2400	1	2007-08	0,096	14,02	98	80	8,5	22447	819,33	4,1	17,60	20,80	3,20	4,666	22,27	2,14857036
97	10	2400	10	2500	1	2007-08	0,089	14,74	98	80	8,5	22673	827,58	4,14	20,20	23,60	3,40	4,713	24,91	1,72285473
98	10	2500	10	2600	1	2007-08	0,174	9,636	98	80	8,5	23040	840,97	4,2	19,00	22,20	3,20	4,79	23,79	2,52949629
99	10	2600	10	2700	1	2007-08	0,270	7,299	98	80	8	23040	840,97	4,2	20,80	25,40	4,60	4,927	25,73	0,1071599
100	10	2700	10	2800	1	2007-08	0,188	9,185	98	80	9	23040	840,97	4,2	21,80	25,67	3,87	4,666	26,47	0,63968509
101	10	0	10	100	2	2007-08	0,126	11,83	98	80	8,5	20047	731,73	3,66	11,83	15,50	3,67	4,168	16,00	0,25110692
102	10	100	10	200	2	2007-08	0,127	11,75	98	80	8,5	22494	821,05	4,11	12,20	15,60	3,40	4,676	16,88	1,62864909
103	10	200	10	300	2	2007-08	0,238	7,913	98	80	8,5	22494	821,05	4,11	18,40	21,20	2,80	4,678	23,08	3,52718037
104	10	300	10	400	2	2007-08	0,170	9,766	98	80	8	22494	821,05	4,11	22,20	26,00	3,80	4,809	27,01	1,0183081
105	10	400	10	500	2	2007-08	0,129	11,61	98	80	8	22494	821,05	4,11	23,60	26,60	3,00	4,808	28,41	3,27023082
106	10	500	10	600	2	2007-08	0,104	13,33	98	80	8	22494	821,05	4,11	22,40	26,40	4,00	4,808	27,21	0,65267737
107	10	600	10	700	2	2007-08	0,121	12,13	98	80	8	22494	821,05	4,11	20,60	25,20	4,60	4,808	25,41	0,04335238
108	10	700	10	800	2	2007-08	0,154	10,4	98	80	8	22494	821,05	4,11	22,60	27,40	4,80	4,809	27,41	7,7941E-05
109	10	800	10	900	2	2007-08	0,143	10,91	98	80	8	22494	821,05	4,11	21,80	25,20	3,40	4,809	26,61	1,98422346
110	10	900	10	1000	2	2007-08	0,132	11,48	98	80	8	22494	821,05	4,11	20,20	24,00	3,80	4,808	25,01	1,01691094
111	10	1000	10	1100	2	2007-08	0,114	12,55	98	80	8	22212	810,74	4,05	19,60	23,40	3,80	4,748	24,35	0,89827346
112	10	1100	10	1200	2	2007-08	0,101	13,58	98	80	8	22212	810,74	4,05	19,60	23,40	3,80	4,748	24,35	0,8977689
113	10	1200	10	1300	2	2007-08	0,135	11,32	98	80	8	22447	819,33	4,1	18,60	23,00	4,40	4,798	23,40	0,15874138
114	10	1300	10	1400	2	2007-08	0,183	9,343	98	80	8	22447	819,33	4,1	18,20	22,80	4,60	4,799	23,00	0,03970941
115	10	1400	10	1500	2	2007-08	0,213	8,485	98	80	8	22447	819,33	4,1	19,60	23,20	3,60	4,8	24,40	1,43945696
116	10	1500	10	1600	2	2007-08	0,182	9,365	98	80	8	22447	819,33	4,1	19,00	22,80	3,80	4,799	23,80	0,99852114
117	10	1600	10	1700	2	2007-08	0,122	12,06	98	80	8	22447	819,33	4,1	19,40	23,60	4,20	4,798	24,20	0,35781967
118	10	1700	10	1800	2	2007-08	0,138	11,12	98	80	8	22447	819,33	4,1	19,80	24,60	4,80	4,798	24,60	2,2716E-06
119	10	1800	10	1900	2	2007-08	0,153	10,43	98	80	8	22447	819,33	4,1	20,60	24,20	3,60	4,799	25,40	1,43703644

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
120	10	1900	10	2000	2	2007-08	0,200	8,832	98	80	8	22447	819,33	4,1	18,80	21,80	3,00	4,8	23,60	3,23841061
121	10	2000	10	2100	2	2007-08	0,111	12,8	98	80	8	22447	819,33	4,1	20,80	25,20	4,40	4,798	25,60	0,1583784
122	10	2100	10	2200	2	2007-08	0,161	10,1	98	80	8	22447	819,33	4,1	21,80	26,00	4,20	4,799	26,60	0,3586857
123	10	2200	10	2300	2	2007-08	0,131	11,5	98	80	8	22447	819,33	4,1	21,80	26,00	4,20	4,798	26,60	0,3580374
124	10	2300	10	2400	2	2007-08	0,136	11,26	98	80	8,5	22447	819,33	4,1	26,20	29,80	3,60	4,667	30,87	1,13757981
125	10	2400	10	2500	2	2007-08	0,154	10,39	98	80	8,5	22673	827,58	4,14	24,20	27,40	3,20	4,714	28,91	2,29170239
126	10	2500	10	2600	2	2007-08	0,268	7,329	98	80	8,5	23040	840,97	4,2	19,20	20,60	1,40	4,792	23,99	11,5054669
127	10	2600	10	2700	2	2007-08	0,311	6,686	98	80	8	23040	840,97	4,2	21,60	25,40	3,80	4,928	26,53	1,27228653
128	10	2700	10	2800	2	2007-08	0,219	8,32	98	80	9	23040	840,97	4,2	24,00	29,40	5,40	4,667	28,67	0,53729252
2	8	10100	8	10200	1	2008-09	0,170	9,768	98	80	10	13811	504,09	2,52	4,60	8,58	3,98	2,666	7,27	1,72619888
3	8	10200	8	10300	1	2008-09	0,181	9,403	98	80	9,8	13811	504,09	2,52	7,60	11,32	3,72	2,691	10,29	1,05847007
4	8	10300	8	10400	1	2008-09	0,235	7,971	98	80	9,5	13811	504,09	2,52	7,00	11,66	4,66	2,731	9,73	3,72208356
6	8	10100	8	10200	2	2008-09	0,200	8,822	98	80	10	13811	504,09	2,52	7,40	10,36	2,96	2,667	10,07	0,08606558
7	8	10200	8	10300	2	2008-09	0,180	9,436	98	80	9,8	13811	504,09	2,52	7,60	10,62	3,02	2,691	10,29	0,10813307
8	8	10300	8	10400	2	2008-09	0,149	10,61	98	80	9,5	13811	504,09	2,52	7,50	10,70	3,20	2,729	10,23	0,22150002
9	9	0	9	100	1	2008-09	0,186	9,241	98	80	9,7	13811	504,09	2,52	18,20	21,42	3,22	2,704	20,90	0,26628741
10	9	100	9	200	1	2008-09	0,165	9,946	98	80	9,7	13811	504,09	2,52	19,60	21,98	2,38	2,704	22,30	0,10474021
11	9	200	9	300	1	2008-09	0,155	10,36	98	80	9,2	13811	504,09	2,52	16,20	20,56	4,36	2,77	18,97	2,52811982
12	9	300	9	400	1	2008-09	0,193	9,008	98	80	9,2	13811	504,09	2,52	18,40	23,64	5,24	2,771	21,17	6,09781829
13	9	400	9	500	1	2008-09	0,138	11,14	98	80	9,5	13811	504,09	2,52	21,40	24,10	2,70	2,729	24,13	0,00085103
14	9	500	9	600	1	2008-09	0,163	10,05	98	80	9,7	13811	504,09	2,52	19,60	20,38	0,78	2,704	22,30	3,70019618
15	9	600	9	700	1	2008-09	0,130	11,57	98	80	9,7	13811	504,09	2,52	15,00	19,24	4,24	2,703	17,70	2,36226995
16	9	700	9	800	1	2008-09	0,136	11,26	98	80	7,7	20524	749,12	3,75	19,60	27,80	8,20	4,465	24,07	13,9483213
17	9	800	9	900	1	2008-09	0,157	10,29	98	80	7,7	20524	749,12	3,75	25,00	31,68	6,68	4,466	29,47	4,9034321
18	9	900	9	1000	1	2008-09	0,158	10,22	98	80	7,6	20524	749,12	3,75	24,40	33,22	8,82	4,493	28,89	18,7266292
19	9	1000	9	1100	1	2008-09	0,158	10,24	98	80	7,5	20524	749,12	3,75	28,20	35,32	7,12	4,52	32,72	6,76002999
20	9	1100	9	1200	1	2008-09	0,152	10,48	98	80	7,5	20524	749,12	3,75	26,60	31,66	5,06	4,52	31,12	0,29171288

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
21	9	1200	9	1300	1	2008-09	0,139	11,1	98	80	7,6	20524	749,12	3,75	25,20	30,60	5,40	4,492	29,69	0,82405476
22	9	1300	9	1400	1	2008-09	0,181	9,41	98	80	7,3	20524	749,12	3,75	23,60	25,24	1,64	4,577	28,18	8,62529572
33	9	2400	9	2500	1	2008-09	0,197	8,898	98	80	10,9	20457	746,66	3,73	7,80	9,76	1,96	3,795	11,59	3,36596182
34	9	2500	9	2600	1	2008-09	0,223	8,238	98	80	7,6	20457	746,66	3,73	13,60	16,06	2,46	4,479	18,08	4,07612691
35	9	2600	9	2700	1	2008-09	0,354	6,152	98	80	7,6	20457	746,66	3,73	14,60	15,66	1,06	4,481	19,08	11,702507
36	9	2700	9	2800	1	2008-09	0,184	9,293	98	80	8	20457	746,66	3,73	11,60	12,86	1,26	4,374	15,97	9,69687282
37	9	2800	9	2900	1	2008-09	0,181	9,378	98	80	8	20457	746,66	3,73	10,20	12,86	2,66	4,374	14,57	2,93757536
38	9	2900	9	3000	1	2008-09	0,286	7,047	98	80	8	20457	746,66	3,73	11,00	13,66	2,66	4,376	15,38	2,94320375
39	9	3000	9	3100	1	2008-09	0,306	6,75	98	80	8	20457	746,66	3,73	11,20	14,22	3,02	4,376	15,58	1,83839317
40	9	3100	9	3250	1	2008-09	0,118	12,32	98	80	8,5	20457	746,66	3,73	13,43	15,88	2,45	4,253	17,68	3,26233164
42	9	100	9	200	2	2008-09	0,154	10,4	98	80	9,7	13811	504,09	2,52	20,00	23,48	3,48	2,703	22,70	0,60303363
43	9	200	9	300	2	2008-09	0,157	10,26	98	80	9,2	13811	504,09	2,52	15,60	20,72	5,12	2,77	18,37	5,52233533
44	9	300	9	400	2	2008-09	0,138	11,16	98	80	9,2	13811	504,09	2,52	15,80	20,08	4,28	2,77	18,57	2,28100766
45	9	400	9	500	2	2008-09	0,122	12,04	98	80	9,5	13811	504,09	2,52	17,20	18,94	1,74	2,729	19,93	0,97790062
46	9	500	9	600	2	2008-09	0,153	10,44	98	80	9,7	13811	504,09	2,52	16,20	19,32	3,12	2,703	18,90	0,17353
47	9	600	9	700	2	2008-09	0,116	12,44	98	80	9,7	13811	504,09	2,52	19,60	22,00	2,40	2,703	22,30	0,09167405
48	9	700	9	800	2	2008-09	0,144	10,87	98	80	7,7	20524	749,12	3,75	23,20	26,38	3,18	4,465	27,67	1,65224884
49	9	800	9	900	2	2008-09	0,169	9,812	98	80	7,7	20524	749,12	3,75	26,40	32,74	6,34	4,466	30,87	3,51245896
50	9	900	9	1000	2	2008-09	0,178	9,503	98	80	7,6	20524	749,12	3,75	26,20	31,64	5,44	4,493	30,69	0,89698867
51	9	1000	9	1100	2	2008-09	0,193	9,009	98	80	7,5	20524	749,12	3,75	27,80	33,52	5,72	4,521	32,32	1,43855891
52	9	1100	9	1200	2	2008-09	0,170	9,781	98	80	7,5	20524	749,12	3,75	26,80	33,86	7,06	4,52	31,32	6,45057539
53	9	1200	9	1300	2	2008-09	0,150	10,59	98	80	7,6	20524	749,12	3,75	25,60	30,94	5,34	4,492	30,09	0,71839543
54	9	1300	9	1400	2	2008-09	0,156	10,3	98	80	7,3	20524	749,12	3,75	27,80	31,94	4,14	4,576	32,38	0,19050545
55	9	1400	9	1500	2	2008-09	0,272	7,268	98	80	7,3	20524	749,12	3,75	27,40	34,52	7,12	4,578	31,98	6,4600435
56	9	1500	9	1600	2	2008-09	0,255	7,568	98	80	8,3	20524	749,12	3,75	23,60	29,82	6,22	4,316	27,92	3,62574166
57	9	1600	9	1700	2	2008-09	0,235	7,972	98	80	11,5	20524	749,12	3,75	25,00	30,12	5,12	3,715	28,72	1,97364879
58	9	1700	9	1800	2	2008-09	0,273	7,254	98	80	11,5	20457	746,66	3,73	24,40	29,44	5,04	3,704	28,10	1,7860672

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
59	9	1800	9	1900	2	2008-09	0,272	7,272	98	80	11,4	20457	746,66	3,73	24,00	27,92	3,92	3,718	27,72	0,04062999
60	9	1900	9	2000	2	2008-09	0,289	6,988	98	80	11,4	20457	746,66	3,73	23,80	31,72	7,92	3,719	27,52	17,6509564
61	9	2000	9	2100	2	2008-09	0,248	7,698	98	80	11,7	20457	746,66	3,73	23,80	30,56	6,76	3,674	27,47	9,52354798
62	9	2100	9	2200	2	2008-09	0,121	12,11	98	80	11,7	20457	746,66	3,73	21,40	27,78	6,38	3,672	25,07	7,33421997
63	9	2200	9	2300	2	2008-09	0,146	10,77	98	80	11,7	20457	746,66	3,73	13,60	19,96	6,36	3,672	17,27	7,2238545
64	9	2300	9	2400	2	2008-09	0,155	10,37	98	80	9,4	20457	746,66	3,73	11,80	13,24	1,44	4,061	15,86	6,86990286
65	9	2400	9	2500	2	2008-09	0,254	7,58	98	80	10,9	20457	746,66	3,73	13,40	17,06	3,66	3,796	17,20	0,01837721
66	9	2500	9	2600	2	2008-09	0,223	8,243	98	80	7,6	20457	746,66	3,73	21,00	23,72	2,72	4,479	25,48	3,09386586
67	9	2600	9	2700	2	2008-09	0,236	7,946	98	80	7,6	20457	746,66	3,73	19,60	24,76	5,16	4,479	24,08	0,46355734
68	9	2700	9	2800	2	2008-09	0,205	8,685	98	80	8	20457	746,66	3,73	16,60	21,10	4,50	4,374	20,97	0,01579401
69	9	2800	9	2900	2	2008-09	0,215	8,418	98	80	8	20457	746,66	3,73	14,60	20,74	6,14	4,374	18,97	3,11701135
70	9	2900	9	3000	2	2008-09	0,183	9,338	98	80	8	20457	746,66	3,73	14,60	18,02	3,42	4,374	18,97	0,91003336
71	9	3000	9	3100	2	2008-09	0,244	7,79	98	80	8	20457	746,66	3,73	14,40	17,32	2,92	4,375	18,77	2,11684783
72	9	3100	9	3250	2	2008-09	0,145	10,8	98	80	8,5	20457	746,66	3,73	15,38	19,29	3,91	4,253	19,63	0,11602832
73	10	0	10	100	1	2008-09	0,116	12,4	98	80	8,5	20457	746,66	3,73	12,20	14,58	2,38	4,253	16,45	3,50662901
74	10	100	10	200	1	2008-09	0,109	12,9	98	80	8,5	22954	837,80	4,19	11,60	13,82	2,22	4,771	16,37	6,50871286
75	10	200	10	300	1	2008-09	0,223	8,229	98	80	8,5	22954	837,80	4,19	12,20	21,10	8,90	4,773	16,97	17,0302584
76	10	300	10	400	1	2008-09	0,210	8,567	98	80	8	22954	837,80	4,19	21,00	30,84	9,84	4,908	25,91	24,3261354
77	10	400	10	500	1	2008-09	0,107	13,06	98	80	8	22954	837,80	4,19	25,20	28,38	3,18	4,906	30,11	2,97915129
78	10	500	10	600	1	2008-09	0,073	16,59	98	80	8	22954	837,80	4,19	23,20	28,02	4,82	4,905	28,11	0,00727878
79	10	600	10	700	1	2008-09	0,123	11,96	98	80	8	22954	837,80	4,19	23,00	28,74	5,74	4,906	27,91	0,69500019
80	10	700	10	800	1	2008-09	0,118	12,33	98	80	8	22954	837,80	4,19	23,00	27,70	4,70	4,906	27,91	0,04252717
81	10	800	10	900	1	2008-09	0,113	12,63	98	80	8	22954	837,80	4,19	23,20	29,04	5,84	4,906	28,11	0,87210236
82	10	900	10	1000	1	2008-09	0,111	12,8	98	80	8	22954	837,80	4,19	24,80	30,50	5,70	4,906	29,71	0,63029494
83	10	1000	10	1100	1	2008-09	0,138	11,16	98	80	8	22665	827,29	4,14	26,40	32,10	5,70	4,845	31,25	0,73093357
84	10	1100	10	1200	1	2008-09	0,119	12,27	98	80	8	22665	827,29	4,14	25,40	30,08	4,68	4,845	30,24	0,02712322
85	10	1200	10	1300	1	2008-09	0,160	10,15	98	80	8	22906	836,05	4,18	24,80	29,84	5,04	4,897	29,70	0,02052078

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
86	10	1300	10	1400	1	2008-09	0,168	9,834	98	80	8	22906	836,05	4,18	24,60	26,68	2,08	4,897	29,50	7,93488243
87	10	1400	10	1500	1	2008-09	0,150	10,58	98	80	8	22906	836,05	4,18	23,40	27,48	4,08	4,897	28,30	0,66678055
88	10	1500	10	1600	1	2008-09	0,165	9,967	98	80	8	22906	836,05	4,18	24,00	28,92	4,92	4,897	28,90	0,00053684
89	10	1600	10	1700	1	2008-09	0,128	11,71	98	80	8	22906	836,05	4,18	24,80	30,66	5,86	4,896	29,70	0,92899607
90	10	1700	10	1800	1	2008-09	0,114	12,6	98	80	8	22906	836,05	4,18	24,80	30,00	5,20	4,896	29,70	0,09248567
91	10	1800	10	1900	1	2008-09	0,157	10,29	98	80	8	22906	836,05	4,18	25,00	29,88	4,88	4,897	29,90	0,00027843
92	10	1900	10	2000	1	2008-09	0,169	9,812	98	80	8	22906	836,05	4,18	24,60	27,90	3,30	4,897	29,50	2,55009853
93	10	2000	10	2100	1	2008-09	0,089	14,67	98	80	8	22906	836,05	4,18	23,80	28,48	4,68	4,895	28,70	0,04639507
94	10	2100	10	2200	1	2008-09	0,156	10,31	98	80	8	22906	836,05	4,18	23,40	27,14	3,74	4,897	28,30	1,33790665
95	10	2200	10	2300	1	2008-09	0,112	12,72	98	80	8	22906	836,05	4,18	22,00	24,60	2,60	4,896	26,90	5,27093748
96	10	2300	10	2400	1	2008-09	0,096	14,02	98	80	8,5	22906	836,05	4,18	20,80	27,10	6,30	4,761	25,56	2,36860971
97	10	2400	10	2500	1	2008-09	0,089	14,74	98	80	8,5	23136	844,47	4,22	23,60	28,00	4,40	4,809	28,41	0,16703884
98	10	2500	10	2600	1	2008-09	0,174	9,636	98	80	8,5	23511	858,14	4,29	22,20	28,68	6,48	4,888	27,09	2,53405964
99	10	2600	10	2700	1	2008-09	0,270	7,299	98	80	8	23511	858,14	4,29	25,40	29,54	4,14	5,028	30,43	0,78820066
100	10	2700	10	2800	1	2008-09	0,188	9,185	98	80	9	23511	858,14	4,29	25,67	30,12	4,45	4,762	30,43	0,09710923
101	10	0	10	100	2	2008-09	0,126	11,83	98	80	8,5	20457	746,66	3,73	15,50	18,88	3,38	4,253	19,75	0,76172684
102	10	100	10	200	2	2008-09	0,127	11,75	98	80	8,5	22954	837,80	4,19	15,60	17,90	2,30	4,772	20,37	6,10859482
103	10	200	10	300	2	2008-09	0,238	7,913	98	80	8,5	22954	837,80	4,19	21,20	23,40	2,20	4,773	25,97	6,6226702
104	10	300	10	400	2	2008-09	0,170	9,766	98	80	8	22954	837,80	4,19	26,00	31,12	5,12	4,907	30,91	0,0452911
105	10	400	10	500	2	2008-09	0,129	11,61	98	80	8	22954	837,80	4,19	26,60	32,34	5,74	4,906	31,51	0,69481104
106	10	500	10	600	2	2008-09	0,104	13,33	98	80	8	22954	837,80	4,19	26,40	33,80	7,40	4,906	31,31	6,22027447
107	10	600	10	700	2	2008-09	0,121	12,13	98	80	8	22954	837,80	4,19	25,20	30,60	5,40	4,906	30,11	0,24375868
108	10	700	10	800	2	2008-09	0,154	10,4	98	80	8	22954	837,80	4,19	27,40	31,56	4,16	4,907	32,31	0,55785697
109	10	800	10	900	2	2008-09	0,143	10,91	98	80	8	22954	837,80	4,19	25,20	30,74	5,54	4,907	30,11	0,40107649
110	10	900	10	1000	2	2008-09	0,132	11,48	98	80	8	22954	837,80	4,19	24,00	30,12	6,12	4,906	28,91	1,47260919
111	10	1000	10	1100	2	2008-09	0,114	12,55	98	80	8	22665	827,29	4,14	23,40	27,86	4,46	4,845	28,24	0,14792496
112	10	1100	10	1200	2	2008-09	0,101	13,58	98	80	8	22665	827,29	4,14	23,40	28,28	4,88	4,844	28,24	0,0012714

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
113	10	1200	10	1300	2	2008-09	0,135	11,32	98	80	8	22906	836,05	4,18	23,00	26,48	3,48	4,896	27,90	2,00587019
114	10	1300	10	1400	2	2008-09	0,183	9,343	98	80	8	22906	836,05	4,18	22,80	26,22	3,42	4,897	27,70	2,18193651
115	10	1400	10	1500	2	2008-09	0,213	8,485	98	80	8	22906	836,05	4,18	23,20	23,50	0,30	4,898	28,10	21,1382988
116	10	1500	10	1600	2	2008-09	0,182	9,365	98	80	8	22906	836,05	4,18	22,80	28,24	5,44	4,897	27,70	0,29471217
117	10	1600	10	1700	2	2008-09	0,122	12,06	98	80	8	22906	836,05	4,18	23,60	29,14	5,54	4,896	28,50	0,41467983
118	10	1700	10	1800	2	2008-09	0,138	11,12	98	80	8	22906	836,05	4,18	24,60	29,66	5,06	4,896	29,50	0,02677909
119	10	1800	10	1900	2	2008-09	0,153	10,43	98	80	8	22906	836,05	4,18	24,20	30,06	5,86	4,897	29,10	0,92808337
120	10	1900	10	2000	2	2008-09	0,200	8,832	98	80	8	22906	836,05	4,18	21,80	27,78	5,98	4,897	26,70	1,171969
121	10	2000	10	2100	2	2008-09	0,111	12,8	98	80	8	22906	836,05	4,18	25,20	27,90	2,70	4,896	30,10	4,82167238
122	10	2100	10	2200	2	2008-09	0,161	10,1	98	80	8	22906	836,05	4,18	26,00	30,74	4,74	4,897	30,90	0,02457642
123	10	2200	10	2300	2	2008-09	0,131	11,5	98	80	8	22906	836,05	4,18	26,00	31,16	5,16	4,896	30,90	0,06957673
124	10	2300	10	2400	2	2008-09	0,136	11,26	98	80	8,5	22906	836,05	4,18	29,80	35,72	5,92	4,762	34,56	1,34155112
125	10	2400	10	2500	2	2008-09	0,154	10,39	98	80	8,5	23136	844,47	4,22	27,40	34,30	6,90	4,81	32,21	4,36823368
126	10	2500	10	2600	2	2008-09	0,268	7,329	98	80	8,5	23511	858,14	4,29	20,60	27,64	7,04	4,89	25,49	4,62395208
127	10	2600	10	2700	2	2008-09	0,311	6,686	98	80	8	23511	858,14	4,29	25,40	27,82	2,42	5,028	30,43	6,80381275
128	10	2700	10	2800	2	2008-09	0,219	8,32	98	80	9	23511	858,14	4,29	29,40	34,50	5,10	4,762	34,16	0,11414094
1	8	10000	8	10100	1	2009-10	0,163	10,03	98	80	10	14092	514,37	2,57	4,70	6,98	2,28	2,72	7,42	0,19392961
2	8	10100	8	10200	1	2009-10	0,170	9,768	98	80	10	14092	514,37	2,57	8,58	11,58	3,00	2,72	11,30	0,07812497
3	8	10200	8	10300	1	2009-10	0,181	9,403	98	80	9,8	14092	514,37	2,57	11,32	16,04	4,72	2,746	14,07	3,89656411
32	9	2300	9	2400	1	2009-10	0,233	8,014	98	80	9,4	20874	761,90	3,81	6,26	7,42	1,16	4,145	10,41	8,9111734
33	9	2400	9	2500	1	2009-10	0,197	8,898	98	80	10,9	20874	761,90	3,81	9,76	14,16	4,40	3,872	13,63	0,27876764
34	9	2500	9	2600	1	2009-10	0,223	8,238	98	80	7,6	20874	761,90	3,81	16,06	20,46	4,40	4,57	20,63	0,0289882
35	9	2600	9	2700	1	2009-10	0,354	6,152	98	80	7,6	20874	761,90	3,81	15,66	19,86	4,20	4,572	20,23	0,13854345
36	9	2700	9	2800	1	2009-10	0,184	9,293	98	80	8	20874	761,90	3,81	12,86	17,08	4,22	4,463	17,32	0,05913012
37	9	2800	9	2900	1	2009-10	0,181	9,378	98	80	8	20874	761,90	3,81	12,86	16,72	3,86	4,463	17,32	0,36375636
38	9	2900	9	3000	1	2009-10	0,286	7,047	98	80	8	20874	761,90	3,81	13,66	17,94	4,28	4,465	18,12	0,03413884
39	9	3000	9	3100	1	2009-10	0,306	6,75	98	80	8	20874	761,90	3,81	14,22	18,10	3,88	4,465	18,69	0,34230039

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
40	9	3100	9	3250	1	2009-10	0,118	12,32	98	80	8,5	20874	761,90	3,81	15,88	20,13	4,25	4,339	20,21	0,00798389
73	10	0	10	100	1	2009-10	0,116	12,4	98	80	8,5	20874	761,90	3,81	14,58	18,65	4,07	4,339	18,92	0,07253915
74	10	100	10	200	1	2009-10	0,109	12,9	98	80	8,5	23422	854,90	4,27	13,82	17,52	3,70	4,869	18,69	1,36547449
1	8	10000	8	10100	1	2010-11	0,163	10,03	98	80	10	14380	524,87	2,62	6,98	8,16	1,18	2,776	9,76	2,54665234
2	8	10100	8	10200	1	2010-11	0,170	9,768	98	80	10	14380	524,87	2,62	11,58	18,20	6,62	2,776	14,36	14,776791
3	8	10200	8	10300	1	2010-11	0,181	9,403	98	80	9,8	14380	524,87	2,62	16,04	19,90	3,86	2,802	18,84	1,11937328
4	8	10300	8	10400	1	2010-11	0,235	7,971	98	80	9,5	14380	524,87	2,62	10,95	20,82	9,87	2,843	13,79	49,3298583
9	9	0	9	100	1	2010-11	0,186	9,241	98	80	9,7	14380	524,87	2,62	5,72	8,70	2,98	2,815	8,53	0,02823209
10	9	100	9	200	1	2010-11	0,165	9,946	98	80	9,7	14380	524,87	2,62	6,08	8,46	2,38	2,815	8,89	0,1892025
11	9	200	9	300	1	2010-11	0,155	10,36	98	80	9,2	14380	524,87	2,62	5,54	8,30	2,76	2,884	8,42	0,01539448
12	9	300	9	400	1	2010-11	0,193	9,008	98	80	9,2	14380	524,87	2,62	5,64	8,26	2,62	2,885	8,52	0,07007003
13	9	400	9	500	1	2010-11	0,138	11,14	98	80	9,5	14380	524,87	2,62	6,44	8,62	2,18	2,842	9,28	0,4376888
14	9	500	9	600	1	2010-11	0,163	10,05	98	80	9,7	14380	524,87	2,62	5,64	9,44	3,80	2,815	8,45	0,97036801
15	9	600	9	700	1	2010-11	0,130	11,57	98	80	9,7	14380	524,87	2,62	6,34	9,02	2,68	2,814	9,15	0,01805469
16	9	700	9	800	1	2010-11	0,136	11,26	98	80	7,7	21370	780,01	3,9	6,82	9,88	3,06	4,649	11,47	2,52569247
17	9	800	9	900	1	2010-11	0,157	10,29	98	80	7,7	21370	780,01	3,9	6,56	10,86	4,30	4,65	11,21	0,12223421
18	9	900	9	1000	1	2010-11	0,158	10,22	98	80	7,6	21370	780,01	3,9	6,78	10,44	3,66	4,678	11,46	1,03565576
19	9	1000	9	1100	1	2010-11	0,158	10,24	98	80	7,5	21370	780,01	3,9	7,70	11,96	4,26	4,706	12,41	0,19911638
20	9	1100	9	1200	1	2010-11	0,152	10,48	98	80	7,5	21370	780,01	3,9	6,86	11,78	4,92	4,706	11,57	0,04574234
21	9	1200	9	1300	1	2010-11	0,139	11,1	98	80	7,6	21370	780,01	3,9	7,72	11,66	3,94	4,677	12,40	0,54364538
22	9	1300	9	1400	1	2010-11	0,181	9,41	98	80	7,3	21370	780,01	3,9	11,44	12,44	1,00	4,765	16,21	14,1785922
23	9	1400	9	1500	1	2010-11	0,243	7,802	98	80	7,3	21370	780,01	3,9	7,32	7,36	0,04	4,766	12,09	22,339445
24	9	1500	9	1600	1	2010-11	0,223	8,243	98	80	8,3	21370	780,01	3,9	7,72	9,48	1,76	4,493	12,21	7,46988848
25	9	1600	9	1700	1	2010-11	0,200	8,825	98	80	11,5	21370	780,01	3,9	6,58	8,42	1,84	3,868	10,45	4,11102784
26	9	1700	9	1800	1	2010-11	0,185	9,257	98	80	11,5	21300	777,45	3,89	5,36	6,36	1,00	3,855	9,21	8,14913225
28	9	1900	9	2000	1	2010-11	0,169	9,795	98	80	11,4	21300	777,45	3,89	6,18	6,86	0,68	3,87	10,05	10,1754442
29	9	2000	9	2100	1	2010-11	0,214	8,443	98	80	11,7	21300	777,45	3,89	4,96	6,08	1,12	3,825	8,78	7,31557533

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
30	9	2100	9	2200	1	2010-11	0,174	9,614	98	80	11,7	21300	777,45	3,89	4,16	5,22	1,06	3,824	7,98	7,64007243
31	9	2200	9	2300	1	2010-11	0,236	7,948	98	80	11,7	21300	777,45	3,89	4,30	4,72	0,42	3,825	8,13	11,594539
34	9	2500	9	2600	1	2010-11	0,223	8,238	98	80	7,6	21300	777,45	3,89	20,46	22,72	2,26	4,663	25,12	5,77652303
35	9	2600	9	2700	1	2010-11	0,354	6,152	98	80	7,6	21300	777,45	3,89	19,86	25,72	5,86	4,665	24,53	1,42707104
36	9	2700	9	2800	1	2010-11	0,184	9,293	98	80	8	21300	777,45	3,89	17,08	23,78	6,70	4,554	21,63	4,60457154
37	9	2800	9	2900	1	2010-11	0,181	9,378	98	80	8	21300	777,45	3,89	16,72	20,78	4,06	4,554	21,27	0,24416315
38	9	2900	9	3000	1	2010-11	0,286	7,047	98	80	8	21300	777,45	3,89	17,94	22,94	5,00	4,556	22,50	0,19733394
39	9	3000	9	3100	1	2010-11	0,306	6,75	98	80	8	21300	777,45	3,89	18,10	21,98	3,88	4,556	22,66	0,45707775
40	9	3100	9	3250	1	2010-11	0,118	12,32	98	80	8,5	21300	777,45	3,89	20,13	24,70	4,58	4,428	24,55	0,02165196
73	10	0	10	100	1	2010-11	0,116	12,4	98	80	8,5	21300	777,45	3,89	18,65	24,16	5,51	4,428	23,08	1,17108706
74	10	100	10	200	1	2010-11	0,109	12,9	98	80	8,5	23900	872,35	4,36	17,52	23,88	6,36	4,968	22,49	1,93811391
75	10	200	10	300	1	2010-11	0,223	8,229	98	80	8,5	23900	872,35	4,36	8,72	18,52	9,80	4,97	13,69	23,3302903
76	10	300	10	400	1	2010-11	0,210	8,567	98	80	8	23900	872,35	4,36	9,44	14,46	5,02	5,11	14,55	0,00810634
77	10	400	10	500	1	2010-11	0,107	13,06	98	80	8	23900	872,35	4,36	8,88	16,92	8,04	5,108	13,99	8,59543873
78	10	500	10	600	1	2010-11	0,073	16,59	98	80	8	23900	872,35	4,36	8,5	14,58	6,08	5,107	13,61	0,94576994
79	10	600	10	700	1	2010-11	0,123	11,96	98	80	8	23900	872,35	4,36	9,02	14,72	5,70	5,109	14,13	0,34985451
80	10	700	10	800	1	2010-11	0,118	12,33	98	80	8	23900	872,35	4,36	9,86	15,46	5,60	5,108	14,97	0,24166823
81	10	800	10	900	1	2010-11	0,113	12,63	98	80	8	23900	872,35	4,36	10,82	17,64	6,82	5,108	15,93	2,92985999
82	10	900	10	1000	1	2010-11	0,111	12,8	98	80	8	23900	872,35	4,36	10,4	18,2	7,80	5,108	15,51	7,24541334
83	10	1000	10	1100	1	2010-11	0,138	11,16	98	80	8	23600	861,40	4,31	10,86	18,42	7,56	5,045	15,90	6,32674067
84	10	1100	10	1200	1	2010-11	0,119	12,27	98	80	8	23600	861,40	4,31	12,14	18,06	5,92	5,044	17,18	0,76678936
85	10	1200	10	1300	1	2010-11	0,160	10,15	98	80	8	23850	870,53	4,35	12,18	19,12	6,94	5,099	17,28	3,39108173
86	10	1300	10	1400	1	2010-11	0,168	9,834	98	80	8	23850	870,53	4,35	12,76	19,56	6,80	5,099	17,86	2,8945757
87	10	1400	10	1500	1	2010-11	0,150	10,58	98	80	8	23850	870,53	4,35	12,68	19,62	6,94	5,098	17,78	3,39175846
88	10	1500	10	1600	1	2010-11	0,165	9,967	98	80	8	23850	870,53	4,35	12,56	18,92	6,36	5,099	17,66	1,59114919
89	10	1600	10	1700	1	2010-11	0,128	11,71	98	80	8	23850	870,53	4,35	12,82	19,86	7,04	5,098	17,92	3,77169532
90	10	1700	10	1800	1	2010-11	0,114	12,6	98	80	8	23850	870,53	4,35	12,9	19,48	6,58	5,098	18,00	2,19738126

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
91	10	1800	10	1900	1	2010-11	0,157	10,29	98	80	8	23850	870,53	4,35	12,18	19,56	7,38	5,098	17,28	5,20548066
92	10	1900	10	2000	1	2010-11	0,169	9,812	98	80	8	23850	870,53	4,35	12,58	18,7	6,12	5,099	17,68	1,04312469
93	10	2000	10	2100	1	2010-11	0,089	14,67	98	80	8	23850	870,53	4,35	13,38	20,48	7,10	5,097	18,48	4,01140458
94	10	2100	10	2200	1	2010-11	0,156	10,31	98	80	8	23850	870,53	4,35	12,74	19,78	7,04	5,098	17,84	3,7696529
95	10	2200	10	2300	1	2010-11	0,112	12,72	98	80	8	23850	870,53	4,35	11,9	16,38	4,48	5,098	17,00	0,38144212
96	10	2300	10	2400	1	2010-11	0,096	14,02	98	80	8,5	23850	870,53	4,35	15,82	19,28	3,46	4,957	20,78	2,24154539
97	10	2400	10	2500	1	2010-11	0,089	14,74	98	80	8,5	24090	879,29	4,4	9,54	20,24	10,70	5,007	14,55	32,4115533
98	10	2500	10	2600	1	2010-11	0,174	9,636	98	80	8,5	24480	893,52	4,47	9,42	14	4,58	5,09	14,51	0,25961474
99	10	2600	10	2700	1	2010-11	0,270	7,299	98	80	8	24480	893,52	4,47	7,96	13,58	5,62	5,235	13,19	0,1482977
100	10	2700	10	2800	1	2010-11	0,188	9,185	98	80	9	24480	893,52	4,47	7,4	11,64	4,24	4,958	12,36	0,51523083

∑ 1189,546

Appendix 11

Calculations of K_{rsw} and K_{rid}- Fv 704

Krsw=	9,551
Krid=	0,1

No	From Hp	From M	Til Hp	Til M	Lane	Season ("year 0"-"year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
1	1	500	1	600	1	2007-08	0,334	6,390	98	50	7,5	6334	346,80	2,31	3,83	7,67	3,83	5,040622	8,87	1,45754475
2	1	600	1	700	1	2007-08	0,376	5,924	98	50	7,2	6334	346,80	2,31	3,80	7,40	3,60	5,147076	8,95	2,39344416
3	1	700	1	800	1	2007-08	0,453	5,267	98	50	7,1	6334	346,80	2,31	4,40	8,80	4,40	5,206406	9,61	0,65029135
4	1	800	1	900	1	2007-08	0,390	5,791	98	50	7,1	6334	346,80	2,31	5,00	8,20	3,20	5,183617	10,18	3,93473475
5	1	900	1	1000	1	2007-08	0,417	5,548	98	50	7,0	6334	346,80	2,31	4,00	7,20	3,20	5,225697	9,23	4,10344722
6	1	1000	1	1100	1	2007-08	0,422	5,514	98	50	7,1	6334	346,80	2,31	4,80	7,60	2,80	5,194974	9,99	5,73590242
7	1	1100	1	1200	1	2007-08	0,467	5,168	98	50	7,2	6334	346,80	2,31	4,80	8,40	3,60	5,179829	9,98	2,49586057
8	1	1200	1	1300	1	2007-08	0,457	5,243	98	50	7,2	6334	346,80	2,31	5,80	8,60	2,80	5,176034	10,98	5,64553817
9	1	1300	1	1400	1	2007-08	0,456	5,249	98	50	7,2	6334	346,80	2,31	5,00	8,40	3,40	5,175746	10,18	3,15327538
10	1	1400	1	1500	1	2007-08	0,390	5,795	98	50	7,0	6334	346,80	2,31	5,40	9,60	4,20	5,215669	10,62	1,03158356
11	1	1500	1	1600	1	2007-08	0,432	5,427	98	50	7,0	6334	346,80	2,31	4,80	8,80	4,00	5,231054	10,03	1,5154937
12	1	1600	1	1700	1	2007-08	0,430	5,443	98	50	7,0	6334	346,80	2,31	5,40	10,40	5,00	5,230317	10,63	0,05304591
13	1	1700	1	1800	1	2007-08	0,467	5,168	98	50	7,2	6334	346,80	2,31	4,20	8,80	4,60	5,179811	9,38	0,33618113
14	1	1800	1	1900	1	2007-08	0,434	5,412	98	50	6,9	6334	346,80	2,31	4,60	7,80	3,20	5,264631	9,86	4,26269952
15	1	1900	1	2000	1	2007-08	0,458	5,236	98	50	6,9	6334	346,80	2,31	4,60	7,80	3,20	5,273043	9,87	4,29750808
16	1	500	1	600	2	2007-08	0,303	6,787	98	50	7,5	6334	346,80	2,31	4,33	7,40	3,07	5,029433	9,36	3,85245179
17	1	600	1	700	2	2007-08	0,435	5,407	98	50	7,2	6334	346,80	2,31	4,40	9,00	4,60	5,168215	9,57	0,32286807
18	1	700	1	800	2	2007-08	0,438	5,387	98	50	7,1	6334	346,80	2,31	4,20	8,20	4,00	5,20069	9,40	1,4416575
19	1	800	1	900	2	2007-08	0,381	5,876	98	50	7,1	6334	346,80	2,31	5,00	9,00	4,00	5,180387	10,18	1,39331365
20	1	900	1	1000	2	2007-08	0,449	5,300	98	50	7,0	6334	346,80	2,31	4,20	9,00	4,80	5,237021	9,44	0,19098751
21	1	1000	1	1100	2	2007-08	0,382	5,871	98	50	7,1	6334	346,80	2,31	3,80	8,83	5,03	5,180568	8,98	0,02167793
22	1	1100	1	1200	2	2007-08	0,283	7,088	98	50	7,2	6334	346,80	2,31	3,80	8,40	4,60	5,11286	8,91	0,26302512
23	1	1200	1	1300	2	2007-08	0,452	5,275	98	50	7,2	6334	346,80	2,31	4,20	7,60	3,40	5,174452	9,37	3,14867962
24	1	1300	1	1400	2	2007-08	0,427	5,473	98	50	7,2	6334	346,80	2,31	3,60	7,00	3,40	5,165231	8,77	3,11604086
25	1	1400	1	1500	2	2007-08	0,515	4,863	98	50	7,0	6334	346,80	2,31	4,20	7,60	3,40	5,260684	9,46	3,4621438
26	1	1500	1	1600	2	2007-08	0,399	5,711	98	50	7,0	6334	346,80	2,31	4,60	9,00	4,40	5,218985	9,82	0,67073596
27	1	1600	1	1700	2	2007-08	0,384	5,845	98	50	7,0	6334	346,80	2,31	4,20	8,40	4,20	5,213757	9,41	1,02770322

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)		(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																	
28	1	1700	1	1800	2	2007-08	0,393	5,762	98	50	7,2	6334	346,80	2,31	4,17	9,20	5,03	5,153175	9,32		0,01436207
29	1	1800	1	1900	2	2007-08	0,428	5,461	98	50	6,9	6334	346,80	2,31	3,60	8,00	4,40	5,26242	8,86		0,74376792
30	1	1900	1	2000	2	2007-08	0,372	5,962	98	50	6,9	6334	346,80	2,31	3,60	7,00	3,40	5,242351	8,84		3,39425889
31	2	0	2	100	1	2005-06	0,448	5,309	98	50	7,0	4456	243,98	1,63	3,00	8,00	5,00	3,757589	6,76		1,54358537
32	2	100	2	200	1	2005-06	0,407	5,642	98	50	6,8	4456	243,98	1,63	4,60	9,00	4,40	3,790256	8,39		0,37178768
33	2	200	2	300	1	2005-06	0,371	5,976	98	50	7,3	4456	243,98	1,63	4,17	8,80	4,63	3,664633	7,83		0,9383808
34	2	300	2	400	1	2005-06	0,349	6,211	98	50	7,5	4456	243,98	1,63	2,60	7,20	4,60	3,614775	6,21		0,97066841
35	2	400	2	500	1	2005-06	0,493	4,996	98	50	6,8	4456	243,98	1,63	2,80	8,60	5,80	3,819907	6,62		3,92076787
36	2	500	2	600	1	2005-06	0,463	5,198	98	50	7,4	4456	243,98	1,63	2,80	8,60	5,80	3,674891	6,47		4,51608714
37	2	600	2	700	1	2005-06	0,587	4,476	98	50	7,6	4456	243,98	1,63	4,20	10,40	6,20	3,676265	7,88		6,36923609
38	2	700	2	800	1	2005-06	0,378	5,906	98	50	6,9	4456	243,98	1,63	3,40	9,40	6,00	3,756815	7,16		5,0318807
39	2	800	2	900	1	2005-06	0,390	5,796	98	50	7,2	4456	243,98	1,63	2,80	8,40	5,60	3,692768	6,49		3,63753467
40	2	900	2	1000	1	2005-06	0,634	4,264	98	50	7,1	4456	243,98	1,63	3,40	8,60	5,20	3,799475	7,20		1,96147128
41	2	1000	2	1100	1	2005-06	0,547	4,680	98	50	7,1	4456	243,98	1,63	3,20	8,40	5,20	3,769069	6,97		2,04756456
42	2	1100	2	1200	1	2005-06	0,626	4,298	98	50	7,2	4456	243,98	1,63	3,40	11,40	8,00	3,774447	7,17		17,855299
43	2	1200	2	1300	1	2005-06	0,583	4,496	98	50	7,2	4456	243,98	1,63	4,40	10,40	6,00	3,759369	8,16		5,02042646
44	2	1300	2	1400	1	2005-06	0,551	4,658	98	50	7,2	4456	243,98	1,63	3,40	8,80	5,40	3,74825	7,15		2,72827645
45	2	1400	2	1500	1	2005-06	0,417	5,552	98	50	7,1	2423	132,63	0,88	3,80	8,40	4,60	2,127921	5,93		6,11117641
46	2	1500	2	1600	1	2005-06	0,491	5,012	98	50	6,9	2423	132,63	0,88	3,40	8,40	5,00	2,175972	5,58		7,9751351
47	2	1600	2	1700	1	2005-06	0,444	5,341	98	50	6,7	2423	132,63	0,88	3,00	9,60	6,60	2,187154	5,19		19,4732123
48	2	1700	2	1800	1	2005-06	0,437	5,395	98	50	6,5	2423	132,63	0,88	2,40	9,20	6,80	2,212083	4,61		21,0489803
49	2	1800	2	1900	1	2005-06	0,391	5,787	98	50	6,9	2423	132,63	0,88	2,20	9,80	7,60	2,144436	4,34		29,7631748
50	2	1900	2	2000	1	2005-06	0,622	4,318	98	50	6,8	2423	132,63	0,88	2,60	8,80	6,20	2,230407	4,83		15,7576712
51	2	2000	2	2100	1	2005-06	0,502	4,943	98	50	6,8	2423	132,63	0,88	3,80	8,60	4,80	2,192286	5,99		6,80017269
52	2	2100	2	2200	1	2005-06	0,469	5,159	98	50	6,9	2423	132,63	0,88	3,40	9,80	6,40	2,169047	5,57		17,9009673
53	2	2200	2	2300	1	2005-06	0,388	5,810	98	50	6,9	2423	132,63	0,88	2,60	11,00	8,40	2,143643	4,74		39,1420012
54	2	2300	2	2400	1	2005-06	0,441	5,360	98	50	6,9	2423	132,63	0,88	3,80	8,60	4,80	2,160389	5,96		6,96754583
55	2	2400	2	2500	1	2005-06	0,500	4,955	98	50	6,9	2423	132,63	0,88	3,80	8,80	5,00	2,178807	5,98		7,95913217
56	2	2500	2	2600	1	2005-06	0,396	5,736	98	50	7,0	2423	132,63	0,88	3,40	7,80	4,40	2,1336	5,53		5,13656988
57	2	2600	2	2700	1	2005-06	0,473	5,128	98	50	6,9	2423	132,63	0,88	3,60	7,20	3,60	2,170463	5,77		2,04357657
58	2	2700	2	2800	1	2005-06	0,494	4,990	98	50	7,0	2423	132,63	0,88	3,40	8,00	4,60	2,164494	5,56		5,9316897

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
60	2	2900	2	3000	1	2010-11	0,372	5,971	98	50	8,2	3400	186,15	1,24	4,32	6,88	2,56	2,711892	7,03	0,02307122
61	2	3000	2	3100	1	2010-11	0,320	6,560	98	50	9,1	3400	186,15	1,24	4,06	7,24	3,18	2,578946	6,64	0,36126603
62	2	3100	2	3200	1	2010-11	0,340	6,320	98	50	8,2	3400	186,15	1,24	5,24	9,04	3,80	2,701175	7,94	1,20741674
63	2	3200	2	3300	1	2010-11	0,402	5,686	98	50	8,2	3400	186,15	1,24	5,80	10,36	4,56	2,721858	8,52	3,37876584
64	2	3300	2	3400	1	2010-11	0,344	6,274	98	50	6,4	3400	186,15	1,24	5,60	9,86	4,26	3,001048	8,60	1,58495944
65	2	3400	2	3500	1	2010-11	0,381	5,877	98	50	6,9	3400	186,15	1,24	4,64	7,34	2,70	2,91935	7,56	0,04811426
66	2	3500	2	3600	1	2010-11	0,405	5,655	98	50	6,9	3400	186,15	1,24	5,10	7,58	2,48	2,927312	8,03	0,20008803
108	2	7700	2	7800	1	2010-11	0,337	6,350	98	50	7,4	1720	94,17	0,63	3,60	7,42	3,82	1,523823	5,12	5,27243096
109	2	7800	2	7900	1	2010-11	0,349	6,217	98	50	6,6	1720	94,17	0,63	2,56	4,86	2,30	1,598212	4,16	0,49250654
110	2	7900	2	8000	1	2010-11	0,355	6,150	98	50	6,7	1720	94,17	0,63	2,94	3,58	0,64	1,590526	4,53	0,90350011
111	2	8000	2	8100	1	2010-11	0,371	5,982	98	50	6,4	1720	94,17	0,63	4,70	4,72	0,02	1,624641	6,32	2,57487356
112	2	8100	2	8200	1	2010-11	0,351	6,189	98	50	6,0	1720	94,17	0,63	4,44	4,74	0,30	1,660914	6,10	1,85208817
113	2	8200	2	8300	1	2010-11	0,285	7,057	98	50	6,9	1720	94,17	0,63	3,40	4,78	1,38	1,55041	4,95	0,02903972
117	2	8600	2	8700	1	2010-11	0,365	6,038	98	50	6,8	1720	94,17	0,63	4,94	5,16	0,22	1,584416	6,52	1,86163197
118	2	8700	2	8800	1	2010-11	0,445	5,329	98	50	6,1	1720	94,17	0,63	5,54	5,80	0,26	1,678444	7,22	2,01198329
120	2	8900	2	9000	1	2010-11	0,383	5,858	98	50	6,8	1720	94,17	0,63	4,88	4,90	0,02	1,589895	6,47	2,46457073
121	2	9000	2	9100	1	2010-11	0,439	5,379	98	50	6,1	1720	94,17	0,63	4,82	6,56	1,74	1,676491	6,50	0,00403338
122	2	9100	2	9200	1	2010-11	0,355	6,145	98	50	6,2	1720	94,17	0,63	4,40	5,72	1,32	1,640526	6,04	0,10273697
123	2	9200	2	9300	1	2010-11	0,321	6,554	98	50	6,6	1720	94,17	0,63	2,62	5,82	3,20	1,589556	4,21	2,59352942
124	2	9300	2	9400	1	2010-11	0,331	6,422	98	50	6,2	1720	94,17	0,63	3,34	4,40	1,06	1,633136	4,97	0,32848508
125	2	9400	2	9500	1	2010-11	0,476	5,108	98	50	6,2	1720	94,17	0,63	4,64	5,64	1,00	1,677069	6,32	0,45842206
127	2	9600	2	9700	1	2010-11	0,358	6,112	98	50	6,2	1720	94,17	0,63	5,04	6,22	1,18	1,641445	6,68	0,21293116
128	2	9700	2	9800	1	2010-11	0,471	5,146	98	50	6,2	1720	94,17	0,63	4,28	6,10	1,82	1,675419	5,96	0,02090367
129	2	9800	2	9900	1	2010-11	0,551	4,658	98	50	6,2	1720	94,17	0,63	5,36	5,66	0,30	1,699599	7,06	1,958877
131	2	10000	2	10100	1	2010-11	0,366	6,028	98	50	6,1	420	23,00	0,15	3,46	4,14	0,68	0,541302	4,00	0,01923723
132	2	10100	2	10200	1	2010-11	0,411	5,603	98	50	6,7	420	23,00	0,15	2,36	4,60	2,24	0,537811	2,90	2,89744659
133	2	10200	2	10300	1	2010-11	0,530	4,777	98	50	6,2	420	23,00	0,15	2,98	3,84	0,86	0,579153	3,56	0,07887522
164	2	0	2	100	2	2005-06	0,568	4,570	98	50	7,0	4456	243,98	1,63	4,40	6,80	2,40	3,799014	8,20	1,95724147
165	2	100	2	200	2	2005-06	0,383	5,863	98	50	6,8	4456	243,98	1,63	4,20	7,60	3,40	3,782003	7,98	0,14592601
166	2	200	2	300	2	2005-06	0,417	5,556	98	50	7,3	4456	243,98	1,63	4,00	8,00	4,00	3,680285	7,68	0,10221769
167	2	300	2	400	2	2005-06	0,259	7,495	98	50	7,5	4456	243,98	1,63	3,60	7,40	3,80	3,582796	7,18	0,04717738

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
168	2	400	2	500	2	2005-06	0,354	6,156	98	50	6,8	4456	243,98	1,63	3,20	5,40	2,20	3,77215	6,97	2,4716546
169	2	500	2	600	2	2005-06	0,393	5,763	98	50	7,4	4456	243,98	1,63	2,80	5,40	2,60	3,650889	6,45	1,10436701
170	2	600	2	700	2	2005-06	0,321	6,547	98	50	7,6	4456	243,98	1,63	2,60	6,00	3,40	3,584485	6,18	0,03403474
171	2	700	2	800	2	2005-06	0,506	4,918	98	50	6,9	4456	243,98	1,63	3,60	6,80	3,20	3,800565	7,40	0,36067782
172	2	800	2	900	2	2005-06	0,435	5,406	98	50	7,2	4456	243,98	1,63	3,20	5,20	2,00	3,708383	6,91	2,91857268
173	2	900	2	1000	2	2005-06	0,438	5,387	98	50	7,1	4456	243,98	1,63	3,20	6,20	3,00	3,731442	6,93	0,53500783
174	2	1000	2	1100	2	2005-06	0,481	5,078	98	50	7,1	4456	243,98	1,63	3,40	6,80	3,40	3,746176	7,15	0,11983754
175	2	1100	2	1200	2	2005-06	0,513	4,876	98	50	7,2	4456	243,98	1,63	4,00	8,20	4,20	3,734963	7,73	0,21625899
176	2	1200	2	1300	2	2005-06	0,443	5,348	98	50	7,2	4456	243,98	1,63	3,60	6,60	3,00	3,710952	7,31	0,50545317
177	2	1300	2	1400	2	2005-06	0,596	4,433	98	50	7,2	4456	243,98	1,63	3,40	6,80	3,40	3,76391	7,16	0,13243025
178	2	1400	2	1500	2	2005-06	0,469	5,156	98	50	7,1	2423	132,63	0,88	3,80	6,80	3,00	2,144303	5,94	0,73221679
179	2	1500	2	1600	2	2005-06	0,478	5,098	98	50	6,9	2423	132,63	0,88	3,40	6,80	3,40	2,171879	5,57	1,50828077
180	2	1600	2	1700	2	2005-06	0,489	5,022	98	50	6,7	2423	132,63	0,88	3,20	7,60	4,40	2,201477	5,40	4,83350471
181	2	1700	2	1800	2	2005-06	0,295	6,912	98	50	6,5	2423	132,63	0,88	2,60	5,80	3,20	2,166584	4,77	1,06794939
182	2	1800	2	1900	2	2005-06	0,369	6,002	98	50	6,9	2423	132,63	0,88	2,80	5,80	3,00	2,137439	4,94	0,74401094
183	2	1900	2	2000	2	2005-06	0,558	4,624	98	50	6,8	2423	132,63	0,88	3,80	7,60	3,80	2,209982	6,01	2,52815665
184	2	2000	2	2100	2	2005-06	0,365	6,038	98	50	6,8	2423	132,63	0,88	10,20	11,40	1,20	2,149171	12,35	0,90092634
185	2	2100	2	2200	2	2005-06	0,404	5,664	98	50	6,9	2423	132,63	0,88	3,60	7,00	3,40	2,148713	5,75	1,56571998
186	2	2200	2	2300	2	2005-06	0,439	5,375	98	50	6,9	2423	132,63	0,88	2,80	6,80	4,00	2,159759	4,96	3,38648681
187	2	2300	2	2400	2	2005-06	0,426	5,478	98	50	6,9	2423	132,63	0,88	3,20	6,00	2,80	2,155661	5,36	0,41517238
188	2	2400	2	2500	2	2005-06	0,403	5,673	98	50	6,9	2423	132,63	0,88	3,40	7,00	3,60	2,148396	5,55	2,10715337
189	2	2500	2	2600	2	2005-06	0,405	5,660	98	50	7,0	2423	132,63	0,88	3,40	7,00	3,60	2,136291	5,54	2,14244484
190	2	2600	2	2700	2	2005-06	0,390	5,796	98	50	6,9	2423	132,63	0,88	3,00	7,00	4,00	2,144119	5,14	3,44429385
191	2	2700	2	2800	2	2005-06	0,432	5,430	98	50	7,0	2423	132,63	0,88	3,60	6,80	3,20	2,144973	5,74	1,11308193
193	2	2900	2	3000	2	2010-11	0,285	7,064	98	50	8,2	3400	186,15	1,24	4,02	4,66	0,64	2,682399	6,70	4,17139224
194	2	3000	2	3100	2	2010-11	0,258	7,522	98	50	9,1	3400	186,15	1,24	3,94	7,56	3,62	2,557294	6,50	1,1293434
195	2	3100	2	3200	2	2010-11	0,419	5,535	98	50	8,2	3400	186,15	1,24	6,10	9,70	3,60	2,727648	8,83	0,7609972
196	2	3200	2	3300	2	2010-11	0,438	5,387	98	50	8,2	3400	186,15	1,24	5,64	9,04	3,40	2,733759	8,37	0,44387716
197	2	3300	2	3400	2	2010-11	0,320	6,560	98	50	6,4	3400	186,15	1,24	4,70	9,62	4,92	2,993107	7,69	3,71291481
198	2	3400	2	3500	2	2010-11	0,377	5,921	98	50	6,9	3400	186,15	1,24	5,30	7,48	2,18	2,917852	8,22	0,54442619
223	2	5900	2	6000	2	2008- 09	0,553	4,648	98	50	6,4	1172	64,15	0,43	8,20	8,52	0,32	1,221144	9,42	0,81206053

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
229	2	6500	2	6600	2	2008- 09	0,505	4,921	98	50	6,2	1172	64,15	0,43	7,60	8,28	0,68	1,22154	8,82	0,29326507
233	2	6900	2	7000	2	2008- 09	0,568	4,572	98	50	6,2	1325	72,56	0,48	8,20	8,64	0,44	1,37014	9,57	0,86516058
234	2	7000	2	7100	2	2008- 09	0,635	4,260	98	50	6,2	1325	72,56	0,48	7,80	8,06	0,26	1,389868	9,19	1,27660127
235	2	7100	2	7200	2	2008- 09	0,684	4,067	98	50	6,3	1325	72,56	0,48	8,60	9,96	1,36	1,396179	10,00	0,0013089
241	2	7700	2	7800	2	2010-11	0,479	5,091	98	50	7,4	1720	94,17	0,63	5,72	7,08	1,36	1,56665	7,29	0,04270422
243	2	7900	2	8000	2	2010-11	0,368	6,012	98	50	6,7	1720	94,17	0,63	2,54	4,44	1,90	1,5945	4,13	0,09333015
244	2	8000	2	8100	2	2010-11	0,375	5,941	98	50	6,4	1720	94,17	0,63	3,00	3,80	0,80	1,625859	4,63	0,68204353
245	2	8100	2	8200	2	2010-11	0,260	7,486	98	50	6,0	1720	94,17	0,63	3,96	4,38	0,42	1,632101	5,59	1,46918824
247	2	8300	2	8400	2	2010-11	0,448	5,311	98	50	6,1	1720	94,17	0,63	2,70	5,66	2,96	1,679195	4,38	1,64046201
248	2	8400	2	8500	2	2010-11	0,303	6,797	98	50	6,7	1720	94,17	0,63	4,12	4,20	0,08	1,574396	5,69	2,23321987
249	2	8500	2	8600	2	2010-11	0,404	5,664	98	50	6,8	1720	94,17	0,63	4,18	5,54	1,36	1,596254	5,78	0,05581573
252	2	8800	2	8900	2	2010-11	0,489	5,025	98	50	6,3	1720	94,17	0,63	5,38	7,34	1,96	1,670388	7,05	0,08387484
253	2	8900	2	9000	2	2010-11	0,415	5,573	98	50	6,8	1720	94,17	0,63	3,96	5,94	1,98	1,599422	5,56	0,14483951
254	2	9000	2	9100	2	2010-11	0,392	5,777	98	50	6,1	1720	94,17	0,63	4,02	5,36	1,34	1,662318	5,68	0,1038891
255	2	9100	2	9200	2	2010-11	0,344	6,274	98	50	6,2	1720	94,17	0,63	3,50	5,32	1,82	1,636995	5,14	0,03349091
256	2	9200	2	9300	2	2010-11	0,427	5,474	98	50	6,6	1720	94,17	0,63	3,96	5,94	1,98	1,621884	5,58	0,12824706
258	2	9400	2	9500	2	2010-11	0,354	6,161	98	50	6,2	1720	94,17	0,63	5,00	5,96	0,96	1,640066	6,64	0,46249032
259	2	9500	2	9600	2	2010-11	0,407	5,638	98	50	6,2	1720	94,17	0,63	4,40	7,16	2,76	1,656327	6,06	1,21809375
260	2	9600	2	9700	2	2010-11	0,394	5,759	98	50	6,2	1720	94,17	0,63	4,92	7,36	2,44	1,652246	6,57	0,62055646
261	2	9700	2	9800	2	2010-11	0,373	5,961	98	50	6,2	1720	94,17	0,63	5,46	7,44	1,98	1,645871	7,11	0,11164249
263	2	9900	2	10000	2	2010-11	0,601	4,413	98	50	6,1	420	23,00	0,15	1,86	2,18	0,32	0,599157	2,46	0,07792838
264	2	10000	2	10100	2	2010-11	0,441	5,364	98	50	6,1	420	23,00	0,15	2,02	4,02	2,00	0,559904	2,58	2,07387538
267	2	10300	2	10400	2	2010-11	0,806	3,666	98	50	6,2	420	23,00	0,15	2,96	3,54	0,58	0,647895	3,61	0,00460967
268	2	10400	2	10500	2	2010-11	0,633	4,268	98	50	6,2	420	23,00	0,15	6,56	6,74	0,18	0,604544	7,16	0,18023749
273	2	10900	2	11000	2	2009-10	1,095	3,022	98	50	7,2	412	22,54	0,15	18,74	20,96	2,22	0,694833	19,43	2,32613432
274	2	11000	2	11100	2	2009-10	0,821	3,623	98	50	7,8	412	22,54	0,15	12,10	15,32	3,22	0,609938	12,71	6,81242571
280	2	11600	2	11700	2	2009-10	0,938	3,333	98	50	5,9	412	22,54	0,15	10,76	11,84	1,08	0,682265	11,44	0,15819346
281	2	11700	2	11800	2	2009-10	0,568	4,572	98	50	5,6	412	22,54	0,15	10,50	10,84	0,34	0,59728	11,10	0,06619324
282	2	11800	2	11900	2	2009-10	1,093	3,027	98	50	5,6	412	22,54	0,15	14,44	17,80	3,36	0,733067	15,17	6,90077641
285	2	12100	2	12200	2	2009-10	0,557	4,629	98	50	5,5	412	22,54	0,15	8,20	12,74	4,54	0,597563	8,80	15,5428095
288	2	12400	2	12500	2	2009-10	0,697	4,017	98	50	5,7	412	22,54	0,15	14,96	15,92	0,96	0,626231	15,59	0,111402

No	From		Til		Lane	Season ("year 0"- "year 1")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 0" (both directions)**	*PASS "year 0" (1 direction)*	*YE4 "year 0"*	**Rutting- "year 0" (mm)**	**Rutting- "year 1" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 1"- calculated (mm)	(Rutting "year 1" calculated - Rutting "year 1" measured)²
	Hp	M	Hp	M																
289	2	12500	2	12600	2	2009-10	0,571	4,557	98	50	5,5	412	22,54	0,15	11,14	15,98	4,84	0,600982	11,74	17,9692762
292	2	12800	2	12900	2	2009-10	0,655	4,178	98	50	5,5	412	22,54	0,15	4,02	6,08	2,06	0,621701	4,64	2,06870373

∑ 460,564

Appendix 12

Calculations of K_{rsw} and K_{rst}- Fv 704

Krsw=	7,824
Krst=	0,1

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
1	1	500	1	600	1	2005-06	0,3336	6,390	98	50	7,5	6083	333,07	2,22	10,33	14,17	3,83	3,78179	14,12	0,00265703
2	1	600	1	700	1	2005-06	0,3763	5,924	98	50	7,2	6083	333,07	2,22	13,20	16,00	2,80	3,85392	17,05	1,11074076
3	1	700	1	800	1	2005-06	0,4534	5,267	98	50	7,1	6083	333,07	2,22	16,60	20,40	3,80	3,87972	20,48	0,00635551
4	1	800	1	900	1	2005-06	0,3901	5,791	98	50	7,1	6083	333,07	2,22	13,40	17,20	3,80	3,87893	17,28	0,00622928
5	1	900	1	1000	1	2005-06	0,4174	5,548	98	50	7,0	6083	333,07	2,22	13,60	16,80	3,20	3,90462	17,50	0,49649066
6	1	1000	1	1100	1	2005-06	0,4216	5,514	98	50	7,1	6083	333,07	2,22	11,00	14,80	3,80	3,87933	14,88	0,00629266
7	1	1100	1	1200	1	2005-06	0,4673	5,168	98	50	7,2	6083	333,07	2,22	14,60	19,80	5,20	3,85506	18,46	1,8088632
8	1	1200	1	1300	1	2005-06	0,4567	5,243	98	50	7,2	6083	333,07	2,22	15,00	18,00	3,00	3,85493	18,85	0,73090711
9	1	1300	1	1400	1	2005-06	0,4559	5,249	98	50	7,2	6083	333,07	2,22	14,00	17,40	3,40	3,85492	17,85	0,20695333
10	1	1400	1	1500	1	2005-06	0,3896	5,795	98	50	7,0	6083	333,07	2,22	16,20	19,60	3,40	3,90427	20,10	0,25428508
11	1	1500	1	1600	1	2005-06	0,4323	5,427	98	50	7,0	6083	333,07	2,22	17,00	19,20	2,20	3,90481	20,90	2,90636898
12	1	1600	1	1700	1	2005-06	0,4303	5,443	98	50	7,0	6083	333,07	2,22	18,00	21,20	3,20	3,90478	21,90	0,49671771
13	1	1700	1	1800	1	2005-06	0,4672	5,168	98	50	7,2	6083	333,07	2,22	14,20	17,20	3,00	3,85506	18,06	0,73112682
14	1	1800	1	1900	1	2005-06	0,4343	5,412	98	50	6,9	6083	333,07	2,22	13,80	16,20	2,40	3,93071	17,73	2,34308038
15	1	1900	1	2000	1	2005-06	0,4576	5,236	98	50	6,9	6083	333,07	2,22	12,80	15,80	3,00	3,931	16,73	0,86676396
16	1	500	1	600	2	2005-06	0,3032	6,787	98	50	7,5	6083	333,07	2,22	14,20	16,60	2,40	3,78137	17,98	1,90819337
17	1	600	1	700	2	2005-06	0,4349	5,407	98	50	7,2	6083	333,07	2,22	20,00	22,60	2,60	3,85466	23,85	1,57417728
18	1	700	1	800	2	2005-06	0,4375	5,387	98	50	7,1	6083	333,07	2,22	15,20	17,40	2,20	3,87952	19,08	2,82080374
19	1	800	1	900	2	2005-06	0,3811	5,876	98	50	7,1	6083	333,07	2,22	17,60	21,00	3,40	3,87881	21,48	0,22925955
20	1	900	1	1000	2	2005-06	0,4489	5,300	98	50	7,0	6083	333,07	2,22	22,20	27,20	5,00	3,90501	26,11	1,19899552
21	1	1000	1	1100	2	2005-06	0,3816	5,871	98	50	7,1	6083	333,07	2,22	21,80	27,00	5,20	3,87882	25,68	1,74552447
22	1	1100	1	1200	2	2005-06	0,283	7,088	98	50	7,2	6083	333,07	2,22	19,40	22,80	3,40	3,85266	23,25	0,20490145
23	1	1200	1	1300	2	2005-06	0,4523	5,275	98	50	7,2	6083	333,07	2,22	21,20	24,00	2,80	3,85488	25,05	1,11276541
24	1	1300	1	1400	2	2005-06	0,4266	5,473	98	50	7,2	6083	333,07	2,22	15,80	17,00	1,20	3,85456	19,65	7,04668154
25	1	1400	1	1500	2	2005-06	0,5146	4,863	98	50	7,0	6083	333,07	2,22	16,80	18,80	2,00	3,90581	20,71	3,63210248

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
26	1	1500	1	1600	2	2005-06	0,3988	5,711	98	50	7,0	6083	333,07	2,22	16,60	18,00	1,40	3,90438	20,50	6,27194223
27	1	1600	1	1700	2	2005-06	0,3843	5,845	98	50	7,0	6083	333,07	2,22	17,00	19,00	2,00	3,9042	20,90	3,6259727
28	1	1700	1	1800	2	2005-06	0,3931	5,762	98	50	7,2	6083	333,07	2,22	18,80	20,80	2,00	3,85413	22,65	3,43781518
29	1	1800	1	1900	2	2005-06	0,4281	5,461	98	50	6,9	6083	333,07	2,22	17,60	20,20	2,60	3,93064	21,53	1,77059122
30	1	1900	1	2000	2	2005-06	0,3724	5,962	98	50	6,9	6083	333,07	2,22	13,80	16,67	2,87	3,92993	17,73	1,13051989
59	2	2800	2	2900	1	2005-06	0,4125	5,590	98	50	6,8	3073	168,26	1,12	11,00	15,50	4,50	2,00208	13,00	6,23960207
60	2	2900	2	3000	1	2005-06	0,3715	5,971	98	50	8,2	3073	168,26	1,12	16,20	17,60	1,40	1,83695	18,04	0,19092517
61	2	3000	2	3100	1	2005-06	0,32	6,560	98	50	9,1	3073	168,26	1,12	12,20	15,20	3,00	1,75068	13,95	1,56079133
62	2	3100	2	3200	1	2005-06	0,3395	6,320	98	50	8,2	3073	168,26	1,12	23,80	27,40	3,60	1,83656	25,64	3,10972509
63	2	3200	2	3300	1	2005-06	0,4015	5,686	98	50	8,2	3073	168,26	1,12	21,60	24,60	3,00	1,83731	23,44	1,35185275
64	2	3300	2	3400	1	2005-06	0,3435	6,274	98	50	6,4	3073	168,26	1,12	18,80	25,00	6,20	2,05768	20,86	17,1588202
65	2	3400	2	3500	1	2005-06	0,381	5,877	98	50	6,9	3073	168,26	1,12	14,20	16,60	2,40	1,98835	16,19	0,16945374
66	2	3500	2	3600	1	2005-06	0,405	5,655	98	50	6,9	3073	168,26	1,12	15,80	18,20	2,40	1,98864	17,79	0,16921906
67	2	3600	2	3700	1	2005-06	0,4415	5,356	98	50	6,4	1103	60,38	0,40	9,00	14,40	5,40	0,74254	9,74	21,6919325
68	2	3700	2	3800	1	2005-06	0,4265	5,474	98	50	6,4	1103	60,38	0,40	7,20	12,40	5,20	0,74239	7,94	19,8703287
69	2	3800	2	3900	1	2005-06	0,445	5,329	98	50	6,4	1103	60,38	0,40	8,20	15,60	7,40	0,74258	8,94	44,3212938
70	2	3900	2	4000	1	2005-06	0,5055	4,918	98	50	6,4	1103	60,38	0,40	9,80	15,80	6,00	0,74318	10,54	27,6341057
71	2	4000	2	4100	1	2005-06	0,426	5,478	98	50	6,4	1103	60,38	0,40	9,40	11,20	1,80	0,74238	10,14	1,1185598
72	2	4100	2	4200	1	2005-06	0,422	5,511	98	50	6,6	1103	60,38	0,40	8,80	12,00	3,20	0,73199	9,53	6,09106978
73	2	4200	2	4300	1	2005-06	0,385	5,839	98	50	6,5	1103	60,38	0,40	9,20	13,60	4,40	0,73672	9,94	13,4196446
74	2	4300	2	4400	1	2005-06	0,3545	6,150	98	50	6,4	1103	60,38	0,40	6,20	10,20	4,00	0,74162	6,94	10,6170444
75	2	4400	2	4500	1	2005-06	0,5395	4,721	98	50	6,4	1103	60,38	0,40	11,00	15,00	4,00	0,74352	11,74	10,6046758
76	2	4500	2	4600	1	2005-06	0,5105	4,888	98	50	6,4	1103	60,38	0,40	13,20	15,60	2,40	0,74323	13,94	2,74487293
77	2	4600	2	4700	1	2005-06	0,4275	5,466	98	50	6,3	1103	60,38	0,40	13,60	16,00	2,40	0,74775	14,35	2,7299352
78	2	4700	2	4800	1	2005-06	0,42	5,527	98	50	7,5	1103	60,38	0,40	13,40	18,20	4,80	0,69052	14,09	16,887854
79	2	4800	2	4900	1	2005-06	0,3615	6,075	98	50	7,3	1103	60,38	0,40	12,80	15,40	2,60	0,69846	13,50	3,61586515
80	2	4900	2	5000	1	2005-06	0,3725	5,961	98	50	7,0	1103	60,38	0,40	14,60	17,40	2,80	0,71208	15,31	4,35939637
81	2	5000	2	5100	1	2005-06	0,4245	5,490	98	50	6,5	1103	60,38	0,40	8,80	13,00	4,20	0,73713	9,54	11,9914512
82	2	5100	2	5200	1	2005-06	0,4245	5,490	98	50	6,4	1103	60,38	0,40	8,60	13,40	4,80	0,74236	9,34	16,4644054

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
83	2	5200	2	5300	1	2005-06	0,4035	5,669	98	50	6,6	1103	60,38	0,40	11,80	15,40	3,60	0,7318	12,53	8,2265881
84	2	5300	2	5400	1	2005-06	0,4135	5,582	98	50	6,5	1103	60,38	0,40	11,00	15,80	4,80	0,73702	11,74	16,5078239
85	2	5400	2	5500	1	2005-06	0,408	5,629	98	50	6,3	1103	60,38	0,40	9,60	13,80	4,20	0,74755	10,35	11,9194455
86	2	5500	2	5600	1	2005-06	0,45	5,292	98	50	6,4	1103	60,38	0,40	10,60	14,60	4,00	0,74263	11,34	10,6104776
87	2	5600	2	5700	1	2005-06	0,444	5,337	98	50	6,4	1103	60,38	0,40	11,20	13,80	2,60	0,74257	11,94	3,45006186
88	2	5700	2	5800	1	2005-06	0,395	5,745	98	50	6,3	1103	60,38	0,40	12,80	15,00	2,20	0,74741	13,55	2,11002394
90	2	5900	2	6000	1	2005-06	0,5025	4,937	98	50	6,4	1103	60,38	0,40	26,60	28,50	1,90	0,74316	27,34	1,33829002
91	2	6000	2	6100	1	2005-06	0,373	5,956	98	50	6,4	1103	60,38	0,40	19,60	21,40	1,80	0,74182	20,34	1,11974481
92	2	6100	2	6200	1	2005-06	0,3525	6,172	98	50	6,4	1103	60,38	0,40	21,60	26,00	4,40	0,7416	22,34	13,3839089
93	2	6200	2	6300	1	2005-06	0,45	5,292	98	50	6,2	1103	60,38	0,40	11,20	13,00	1,80	0,75346	11,95	1,09524966
94	2	6300	2	6400	1	2005-06	0,518	4,843	98	50	6,2	1103	60,38	0,40	11,80	15,00	3,20	0,75414	12,55	5,98223589
95	2	6400	2	6500	1	2005-06	0,4235	5,498	98	50	6,2	1103	60,38	0,40	16,00	18,00	2,00	0,75319	16,75	1,55454714
96	2	6500	2	6600	1	2005-06	0,4895	5,019	98	50	6,2	1103	60,38	0,40	10,40	12,40	2,00	0,75386	11,15	1,55287246
97	2	6600	2	6700	1	2005-06	0,416	5,561	98	50	6,2	1103	60,38	0,40	12,00	14,80	2,80	0,75311	12,75	4,18977069
98	2	6700	2	6800	1	2005-06	0,5685	4,567	98	50	6,2	1103	60,38	0,40	12,60	16,00	3,40	0,75463	13,35	6,99799119
99	2	6800	2	6900	1	2005-06	0,5755	4,532	98	50	6,2	1103	60,38	0,40	15,40	17,60	2,20	0,7547	16,15	2,08890601
100	2	6900	2	7000	1	2005-06	0,496	4,977	98	50	6,2	1247	68,30	0,46	12,60	15,00	2,40	0,85199	13,45	2,3963347
101	2	7000	2	7100	1	2005-06	0,423	5,502	98	50	6,2	1247	68,30	0,46	11,40	14,60	3,20	0,85124	12,25	5,51668165
102	2	7100	2	7200	1	2005-06	0,621	4,320	98	50	6,3	1247	68,30	0,46	12,00	13,80	1,80	0,84701	12,85	0,90818559
103	2	7200	2	7300	1	2005-06	0,521	4,825	98	50	6,8	1247	68,30	0,46	13,20	17,00	3,80	0,81709	14,02	8,89777868
104	2	7300	2	7400	1	2005-06	0,4745	5,118	98	50	7,0	1555	85,12	0,57	16,00	19,80	3,80	1,00295	17,00	7,82350417
105	2	7400	2	7500	1	2005-06	0,524	4,808	98	50	7,0	1555	85,12	0,57	17,80	19,80	2,00	1,00346	18,80	0,99309728
106	2	7500	2	7600	1	2005-06	0,3785	5,902	98	50	6,9	1555	85,12	0,57	15,60	19,00	3,40	1,00853	16,61	5,7191436
107	2	7600	2	7700	1	2005-06	0,528	4,785	98	50	7,0	1555	85,12	0,57	9,80	10,40	0,60	1,0035	10,80	0,1628106
108	2	7700	2	7800	1	2005-06	0,337	6,350	98	50	7,4	1555	85,12	0,57	18,00	19,20	1,20	0,9763	18,98	0,05003975
109	2	7800	2	7900	1	2005-06	0,3485	6,217	98	50	6,6	1555	85,12	0,57	14,20	18,00	3,80	1,0289	15,23	7,67898406
110	2	7900	2	8000	1	2005-06	0,3545	6,150	98	50	6,7	1555	85,12	0,57	11,00	18,00	7,00	1,02192	12,02	35,737493
111	2	8000	2	8100	1	2005-06	0,3705	5,982	98	50	6,4	1555	85,12	0,57	14,00	14,20	0,20	1,04374	15,04	0,71189625
112	2	8100	2	8200	1	2005-06	0,351	6,189	98	50	6,0	1555	85,12	0,57	16,75	17,60	0,85	1,0748	17,82	0,05053316

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
113	2	8200	2	8300	1	2005-06	0,285	7,057	98	50	6,9	1555	85,12	0,57	10,20	16,20	6,00	1,00744	11,21	24,9256093
114	2	8300	2	8400	1	2005-06	0,364	6,049	98	50	6,1	1555	85,12	0,57	15,20	17,40	2,20	1,06684	16,27	1,2840427
115	2	8400	2	8500	1	2005-06	0,3915	5,777	98	50	6,7	1555	85,12	0,57	14,80	20,40	5,60	1,02233	15,82	20,9550668
116	2	8500	2	8600	1	2005-06	0,414	5,578	98	50	6,8	1555	85,12	0,57	13,20	17,00	3,80	1,01567	14,22	7,75247531
117	2	8600	2	8700	1	2005-06	0,365	6,038	98	50	6,8	1555	85,12	0,57	29,80	30,60	0,80	1,01513	30,82	0,04628164
118	2	8700	2	8800	1	2005-06	0,445	5,329	98	50	6,1	1555	85,12	0,57	18,00	20,40	2,40	1,06773	19,07	1,77494325
119	2	8800	2	8900	1	2005-06	0,288	7,010	98	50	6,3	1555	85,12	0,57	5,80	10,40	4,60	1,05033	6,85	12,6001627
120	2	8900	2	9000	1	2005-06	0,383	5,858	98	50	6,8	1555	85,12	0,57	19,40	20,00	0,60	1,01533	20,42	0,17250141
121	2	9000	2	9100	1	2005-06	0,4385	5,379	98	50	6,1	1555	85,12	0,57	33,60	40,80	7,20	1,06766	34,67	37,6055851
122	2	9100	2	9200	1	2005-06	0,355	6,145	98	50	6,2	1555	85,12	0,57	26,60	32,60	6,00	1,05883	27,66	24,4151147
123	2	9200	2	9300	1	2005-06	0,3205	6,554	98	50	6,6	1555	85,12	0,57	10,80	13,20	2,40	1,02858	11,83	1,88079553
124	2	9300	2	9400	1	2005-06	0,331	6,422	98	50	6,2	1555	85,12	0,57	10,20	11,60	1,40	1,05856	11,26	0,11658142
125	2	9400	2	9500	1	2005-06	0,476	5,108	98	50	6,2	1555	85,12	0,57	18,40	18,80	0,40	1,06015	19,46	0,43579712
127	2	9600	2	9700	1	2005-06	0,358	6,112	98	50	6,2	1555	85,12	0,57	17,80	20,00	2,20	1,05887	18,86	1,30218071
128	2	9700	2	9800	1	2005-06	0,4705	5,146	98	50	6,2	1555	85,12	0,57	20,60	21,40	0,80	1,06009	21,66	0,06764774
130	2	9900	2	10000	1	2005-06	0,448	5,307	98	50	6,1	380	20,79	0,14	14,00	16,00	2,00	0,26479	14,26	3,01095732
131	2	10000	2	10100	1	2005-06	0,366	6,028	98	50	6,1	380	20,79	0,14	20,80	24,00	3,20	0,26402	21,06	8,61996621
132	2	10100	2	10200	1	2005-06	0,411	5,603	98	50	6,7	380	20,79	0,14	22,20	23,60	1,40	0,2535	22,45	1,31445381
134	2	10300	2	10400	1	2005-06	0,5605	4,608	98	50	6,2	380	20,79	0,14	29,60	37,80	8,20	0,26385	29,86	62,9824981
135	2	10400	2	10500	1	2005-06	0,5015	4,943	98	50	6,2	380	20,79	0,14	15,40	19,20	3,80	0,26334	15,66	12,5079855
137	2	10600	2	10700	1	2005-06	0,917	3,380	98	50	7,1	380	20,79	0,14	11,60	15,20	3,60	0,25113	11,85	11,2149336
138	2	10700	2	10800	1	2005-06	0,539	4,723	98	50	6,5	380	20,79	0,14	9,20	11,60	2,40	0,25813	9,46	4,58758943
141	2	11000	2	11100	1	2005-06	1,0995	3,014	98	50	7,8	380	20,79	0,14	9,80	10,40	0,60	0,24222	10,04	0,12800491
143	2	11200	2	11300	1	2005-06	0,584	4,491	98	50	7,2	380	20,79	0,14	11,40	12,00	0,60	0,24695	11,65	0,12464245
144	2	11300	2	11400	1	2005-06	0,6635	4,144	98	50	7,4	380	20,79	0,14	8,00	8,20	0,20	0,2446	8,24	0,00198957
145	2	11400	2	11500	1	2005-06	1,108	3,000	98	50	7,4	380	20,79	0,14	27,40	28,40	1,00	0,24795	27,65	0,56557248
149	2	11800	2	11900	1	2005-06	0,965	3,273	98	50	5,6	380	20,79	0,14	14,00	15,40	1,40	0,27936	14,28	1,25583984
150	2	11900	2	12000	1	2005-06	0,736	3,882	98	50	5,5	380	20,79	0,14	19,60	22,60	3,00	0,27986	19,88	7,39916319
151	2	12000	2	12100	1	2005-06	1,0225	3,155	98	50	5,5	380	20,79	0,14	23,60	25,20	1,60	0,28202	23,88	1,73707541

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
152	2	12100	2	12200	1	2005-06	0,869	3,496	98	50	5,5	380	20,79	0,14	17,40	23,80	6,40	0,28089	17,68	37,4435471
153	2	12200	2	12300	1	2005-06	0,825	3,612	98	50	5,4	380	20,79	0,14	8,80	9,60	0,80	0,28286	9,08	0,26743823
154	2	12300	2	12400	1	2005-06	0,7855	3,726	98	50	5,6	380	20,79	0,14	9,80	12,80	3,00	0,278	10,08	7,4092596
155	2	12400	2	12500	1	2005-06	0,67	4,118	98	50	5,7	380	20,79	0,14	9,80	13,40	3,60	0,2749	10,07	11,0562747
156	2	12500	2	12600	1	2005-06	0,8155	3,639	98	50	5,5	380	20,79	0,14	10,00	11,60	1,60	0,28048	10,28	1,74113476
157	2	12600	2	12700	1	2005-06	0,582	4,500	98	50	6,6	380	20,79	0,14	11,20	12,80	1,60	0,25674	11,46	1,80434686
158	2	12700	2	12800	1	2005-06	0,6705	4,116	98	50	5,7	380	20,79	0,14	6,20	10,80	4,60	0,27491	6,47	18,7064349
159	2	12800	2	12900	1	2005-06	0,6965	4,019	98	50	5,5	380	20,79	0,14	12,40	15,00	2,60	0,27954	12,68	5,38451198
160	2	12900	2	13000	1	2005-06	0,6925	4,034	98	50	5,3	380	20,79	0,14	11,00	12,17	1,17	0,28418	11,28	0,77877776
162	2	13100	2	13200	1	2005-06	0,758	3,810	98	50	5,3	380	20,79	0,14	10,00	11,60	1,60	0,2847	10,28	1,73000598
163	2	13200	2	13350	1	2005-06	0,486	5,042	98	50	5,3	380	20,79	0,14	3,43	4,57	1,14	0,28244	3,71	0,74031651
192	2	2800	2	2900	2	2005-06	0,447	5,314	98	50	6,8	3073	168,26	1,12	12,00	15,80	3,80	2,00248	14,00	3,23107755
194	2	3000	2	3100	2	2005-06	0,2575	7,522	98	50	9,1	3073	168,26	1,12	10,00	12,40	2,40	1,74987	11,75	0,42266489
195	2	3100	2	3200	2	2005-06	0,419	5,535	98	50	8,2	3073	168,26	1,12	28,00	30,60	2,60	1,83751	29,84	0,58138584
197	2	3300	2	3400	2	2005-06	0,32	6,560	98	50	6,4	3073	168,26	1,12	18,40	20,60	2,20	2,05739	20,46	0,02033861
198	2	3400	2	3500	2	2005-06	0,3765	5,921	98	50	6,9	3073	168,26	1,12	22,40	23,40	1,00	1,9883	24,39	0,97673371
199	2	3500	2	3600	2	2005-06	0,3875	5,815	98	50	6,9	3073	168,26	1,12	20,40	23,00	2,60	1,98843	22,39	0,37401771
202	2	3800	2	3900	2	2005-06	0,492	5,003	98	50	6,4	1103	60,38	0,40	7,60	8,20	0,60	0,74305	8,34	0,02046355
203	2	3900	2	4000	2	2005-06	0,4995	4,955	98	50	6,4	1103	60,38	0,40	8,00	8,80	0,80	0,74313	8,74	0,00323472
204	2	4000	2	4100	2	2005-06	0,5605	4,608	98	50	6,4	1103	60,38	0,40	18,80	21,40	2,60	0,74372	19,54	3,44577308
205	2	4100	2	4200	2	2005-06	0,4885	5,025	98	50	6,6	1103	60,38	0,40	15,80	16,40	0,60	0,73267	16,53	0,01760083
207	2	4300	2	4400	2	2005-06	0,4865	5,038	98	50	6,4	1103	60,38	0,40	12,80	15,20	2,40	0,743	13,54	2,74566235
208	2	4400	2	4500	2	2005-06	0,606	4,387	98	50	6,4	1103	60,38	0,40	17,00	20,60	3,60	0,74415	17,74	8,15586352
209	2	4500	2	4600	2	2005-06	0,543	4,701	98	50	6,4	1103	60,38	0,40	13,20	14,80	1,60	0,74355	13,94	0,73350347
210	2	4600	2	4700	2	2005-06	0,463	5,198	98	50	6,3	1103	60,38	0,40	11,20	13,00	1,80	0,74811	11,95	1,10646785
211	2	4700	2	4800	2	2005-06	0,3995	5,704	98	50	7,5	1103	60,38	0,40	7,00	8,40	1,40	0,6903	7,69	0,50367192
212	2	4800	2	4900	2	2005-06	0,482	5,068	98	50	7,3	1103	60,38	0,40	13,00	14,80	1,80	0,69971	13,70	1,21063265
213	2	4900	2	5000	2	2005-06	0,325	6,496	98	50	7,0	1103	60,38	0,40	11,00	11,80	0,80	0,71156	11,71	0,00782133
214	2	5000	2	5100	2	2005-06	0,435	5,406	98	50	6,5	1103	60,38	0,40	11,40	14,60	3,20	0,73724	12,14	6,06518093

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
215	2	5100	2	5200	2	2005-06	0,43	5,446	98	50	6,4	1103	60,38	0,40	16,00	18,40	2,40	0,74242	16,74	2,74756625
216	2	5200	2	5300	2	2005-06	0,3855	5,834	98	50	6,6	1103	60,38	0,40	7,80	8,20	0,40	0,73161	8,53	0,10996268
217	2	5300	2	5400	2	2005-06	0,466	5,177	98	50	6,5	1103	60,38	0,40	8,60	11,80	3,20	0,73756	9,34	6,06362148
218	2	5400	2	5500	2	2005-06	0,382	5,867	98	50	6,3	1103	60,38	0,40	10,20	10,40	0,20	0,74727	10,95	0,29950382
219	2	5500	2	5600	2	2005-06	0,4795	5,085	98	50	6,4	1103	60,38	0,40	8,20	11,20	3,00	0,74293	8,94	5,09438363
220	2	5600	2	5700	2	2005-06	0,4085	5,625	98	50	6,4	1103	60,38	0,40	12,40	14,60	2,20	0,7422	13,14	2,12518816
221	2	5700	2	5800	2	2005-06	0,477	5,101	98	50	6,3	1103	60,38	0,40	9,40	9,80	0,40	0,74825	10,15	0,12128052
222	2	5800	2	5900	2	2005-06	0,402	5,682	98	50	6,4	1103	60,38	0,40	13,60	14,80	1,20	0,74213	14,34	0,20964577
223	2	5900	2	6000	2	2005-06	0,553	4,648	98	50	6,4	1103	60,38	0,40	18,00	20,60	2,60	0,74365	18,74	3,44604099
226	2	6200	2	6300	2	2005-06	0,583	4,496	98	50	6,2	1103	60,38	0,40	17,60	19,20	1,60	0,75477	18,35	0,71441959
229	2	6500	2	6600	2	2005-06	0,505	4,921	98	50	6,2	1103	60,38	0,40	20,40	22,80	2,40	0,75401	21,15	2,70928003
230	2	6600	2	6700	2	2005-06	0,4515	5,281	98	50	6,2	1103	60,38	0,40	16,20	19,60	3,40	0,75347	16,95	7,00410222
231	2	6700	2	6800	2	2005-06	0,4105	5,607	98	50	6,2	1103	60,38	0,40	17,60	19,00	1,40	0,75305	18,35	0,41854494
232	2	6800	2	6900	2	2005-06	0,5475	4,677	98	50	6,2	1103	60,38	0,40	13,80	18,75	4,95	0,75443	14,55	17,6028377
233	2	6900	2	7000	2	2005-06	0,5675	4,572	98	50	6,2	1247	68,30	0,46	22,50	25,20	2,70	0,8527	23,35	3,41252955
234	2	7000	2	7100	2	2005-06	0,635	4,260	98	50	6,2	1247	68,30	0,46	20,20	21,60	1,40	0,85334	21,05	0,29883606
235	2	7100	2	7200	2	2005-06	0,6835	4,067	98	50	6,3	1247	68,30	0,46	25,00	27,20	2,20	0,8476	25,85	1,82899844
236	2	7200	2	7300	2	2005-06	0,603	4,401	98	50	6,8	1247	68,30	0,46	13,20	13,40	0,20	0,81788	14,02	0,3817799
237	2	7300	2	7400	2	2005-06	0,5995	4,417	98	50	7,0	1555	85,12	0,57	27,80	28,80	1,00	1,00421	28,80	1,7724E-05
238	2	7400	2	7500	2	2005-06	0,583	4,496	98	50	7,0	1555	85,12	0,57	21,60	22,80	1,20	1,00405	22,60	0,03839721
239	2	7500	2	7600	2	2005-06	0,5805	4,508	98	50	6,9	1555	85,12	0,57	20,40	20,60	0,20	1,01064	21,41	0,65713355
241	2	7700	2	7800	2	2005-06	0,4785	5,091	98	50	7,4	1555	85,12	0,57	10,40	19,00	8,60	0,97785	11,38	58,0971598
242	2	7800	2	7900	2	2005-06	0,479	5,088	98	50	6,6	1555	85,12	0,57	27,80	29,20	1,40	1,03032	28,83	0,13666192
243	2	7900	2	8000	2	2005-06	0,3675	6,012	98	50	6,7	1555	85,12	0,57	12,00	13,00	1,00	1,02206	13,02	0,00048675
244	2	8000	2	8100	2	2005-06	0,3745	5,941	98	50	6,4	1555	85,12	0,57	22,20	24,20	2,00	1,04378	23,24	0,91434865
245	2	8100	2	8200	2	2005-06	0,2595	7,486	98	50	6,0	1555	85,12	0,57	15,00	16,20	1,20	1,07371	16,07	0,01594882
247	2	8300	2	8400	2	2005-06	0,4475	5,311	98	50	6,1	1555	85,12	0,57	19,40	20,60	1,20	1,06776	20,47	0,01748831
248	2	8400	2	8500	2	2005-06	0,3025	6,797	98	50	6,7	1555	85,12	0,57	6,40	8,20	1,80	1,02131	7,42	0,60635419
249	2	8500	2	8600	2	2005-06	0,404	5,664	98	50	6,8	1555	85,12	0,57	17,80	18,80	1,00	1,01556	18,82	0,00024225

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
250	2	8600	2	8700	2	2005-06	0,303	6,790	98	50	6,8	1555	85,12	0,57	23,40	24,40	1,00	1,01442	24,41	0,00020782
251	2	8700	2	8800	2	2005-06	0,4365	5,395	98	50	6,1	1555	85,12	0,57	14,40	15,80	1,40	1,06764	15,47	0,11046362
252	2	8800	2	8900	2	2005-06	0,4885	5,025	98	50	6,3	1555	85,12	0,57	15,20	17,20	2,00	1,05256	16,25	0,89765031
253	2	8900	2	9000	2	2005-06	0,4145	5,573	98	50	6,8	1555	85,12	0,57	12,00	13,00	1,00	1,01568	13,02	0,00024582
254	2	9000	2	9100	2	2005-06	0,3915	5,777	98	50	6,1	1555	85,12	0,57	16,40	16,80	0,40	1,06715	17,47	0,44508974
255	2	9100	2	9200	2	2005-06	0,3435	6,274	98	50	6,2	1555	85,12	0,57	11,80	13,00	1,20	1,0587	12,86	0,01996466
256	2	9200	2	9300	2	2005-06	0,4265	5,474	98	50	6,6	1555	85,12	0,57	17,60	20,00	2,40	1,02977	18,63	1,87754203
257	2	9300	2	9400	2	2005-06	0,264	7,405	98	50	6,2	1555	85,12	0,57	15,80	18,80	3,00	1,05776	16,86	3,77229464
258	2	9400	2	9500	2	2005-06	0,3535	6,161	98	50	6,2	1555	85,12	0,57	26,80	32,00	5,20	1,05882	27,86	17,1493912
259	2	9500	2	9600	2	2005-06	0,407	5,638	98	50	6,2	1555	85,12	0,57	38,00	42,60	4,60	1,05941	39,06	12,535756
260	2	9600	2	9700	2	2005-06	0,3935	5,759	98	50	6,2	1555	85,12	0,57	38,40	41,20	2,80	1,05926	39,46	3,03015835
261	2	9700	2	9800	2	2005-06	0,3725	5,961	98	50	6,2	1555	85,12	0,57	36,00	39,00	3,00	1,05903	37,06	3,76735743
262	2	9800	2	9900	2	2005-06	0,569	4,565	98	50	6,2	1555	85,12	0,57	20,40	22,20	1,80	1,0611	21,46	0,54597944
263	2	9900	2	10000	2	2005-06	0,6005	4,413	98	50	6,1	380	20,79	0,14	15,40	17,80	2,40	0,26612	15,67	4,55345306
264	2	10000	2	10100	2	2005-06	0,4405	5,364	98	50	6,1	380	20,79	0,14	11,50	20,00	8,50	0,26472	11,76	67,8198271
265	2	10100	2	10200	2	2005-06	0,5375	4,732	98	50	6,7	380	20,79	0,14	31,00	33,40	2,40	0,25464	31,25	4,60258095
266	2	10200	2	10300	2	2005-06	0,478	5,095	98	50	6,2	380	20,79	0,14	26,60	28,60	2,00	0,26313	26,86	3,01672272
268	2	10400	2	10500	2	2005-06	0,633	4,268	98	50	6,2	380	20,79	0,14	23,80	24,60	0,80	0,26446	24,06	0,28680617
270	2	10600	2	10700	2	2005-06	0,594	4,443	98	50	7,1	380	20,79	0,14	5,60	6,40	0,80	0,24859	5,85	0,30405689
273	2	10900	2	11000	2	2005-06	1,095	3,022	98	50	7,2	380	20,79	0,14	19,80	21,80	2,00	0,25087	20,05	3,05945696
275	2	11100	2	11200	2	2005-06	1,014	3,172	98	50	7,3	380	20,79	0,14	10,40	10,80	0,40	0,24877	10,65	0,02286986
279	2	11500	2	11600	2	2005-06	0,907	3,403	98	50	7,4	380	20,79	0,14	15,80	16,80	1,00	0,2465	16,05	0,56776458
280	2	11600	2	11700	2	2005-06	0,9375	3,333	98	50	5,9	380	20,79	0,14	16,20	17,40	1,20	0,27276	16,47	0,85976965
283	2	11900	2	12000	2	2005-06	0,6795	4,082	98	50	5,5	380	20,79	0,14	15,20	19,20	4,00	0,27941	15,48	13,842806
284	2	12000	2	12100	2	2005-06	1,0405	3,121	98	50	5,5	380	20,79	0,14	20,00	21,80	1,80	0,28215	20,28	2,30387504
285	2	12100	2	12200	2	2005-06	0,5565	4,629	98	50	5,5	380	20,79	0,14	14,00	18,00	4,00	0,27839	14,28	13,8504161
288	2	12400	2	12500	2	2005-06	0,697	4,017	98	50	5,7	380	20,79	0,14	13,20	14,20	1,00	0,27512	13,48	0,52545049
289	2	12500	2	12600	2	2005-06	0,5705	4,557	98	50	5,5	380	20,79	0,14	8,20	9,80	1,60	0,2785	8,48	1,74634992
290	2	12600	2	12700	2	2005-06	0,5575	4,624	98	50	6,6	380	20,79	0,14	6,40	8,40	2,00	0,25653	6,66	3,03968091

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
291	2	12700	2	12800	2	2005-06	0,625	4,303	98	50	5,7	380	20,79	0,14	10,60	11,80	1,20	0,27453	10,87	0,85648865
294	2	13000	2	13100	2	2005-06	0,8415	3,568	98	50	5,3	380	20,79	0,14	11,80	12,00	0,20	0,28535	12,09	0,00728434
295	2	13100	2	13200	2	2005-06	0,761	3,801	98	50	5,3	380	20,79	0,14	13,80	16,00	2,20	0,28473	14,08	3,66827219
296	2	13200	2	13350	2	2005-06	0,7007	4,004	98	50	5,3	380	20,79	0,14	4,29	5,29	1,00	0,28425	4,57	0,51230033
31	2	0	2	100	1	2006-07	0,4477	5,309	98	50	7,0	4547	248,96	1,66	8,00	9,60	1,60	2,92065	10,92	1,74411632
32	2	100	2	200	1	2006-07	0,4065	5,642	98	50	6,8	4547	248,96	1,66	9,00	10,60	1,60	2,95926	11,96	1,84757851
33	2	200	2	300	1	2006-07	0,371	5,976	98	50	7,3	4547	248,96	1,66	8,80	12,00	3,20	2,86401	11,66	0,11288681
34	2	300	2	400	1	2006-07	0,349	6,211	98	50	7,5	4547	248,96	1,66	7,20	9,00	1,80	2,82843	10,03	1,05766013
36	2	500	2	600	1	2006-07	0,463	5,198	98	50	7,4	4547	248,96	1,66	8,60	9,80	1,20	2,84731	11,45	2,71362565
37	2	600	2	700	1	2006-07	0,587	4,476	98	50	7,6	4547	248,96	1,66	10,40	11,60	1,20	2,8141	13,21	2,60533403
38	2	700	2	800	1	2006-07	0,378	5,906	98	50	6,9	4547	248,96	1,66	9,40	11,20	1,80	2,93914	12,34	1,29764739
39	2	800	2	900	1	2006-07	0,3895	5,796	98	50	7,2	4547	248,96	1,66	8,40	8,80	0,40	2,88243	11,28	6,16247645
40	2	900	2	1000	1	2006-07	0,634	4,264	98	50	7,1	4547	248,96	1,66	8,60	9,80	1,20	2,90382	11,50	2,90300106
41	2	1000	2	1100	1	2006-07	0,547	4,680	98	50	7,1	4547	248,96	1,66	8,40	9,60	1,20	2,90286	11,30	2,89972233
43	2	1200	2	1300	1	2006-07	0,583	4,496	98	50	7,2	4547	248,96	1,66	10,40	12,80	2,40	2,8847	13,28	0,23493346
44	2	1300	2	1400	1	2006-07	0,551	4,658	98	50	7,2	4547	248,96	1,66	8,80	11,00	2,20	2,88434	11,68	0,46832312
45	2	1400	2	1500	1	2006-07	0,417	5,552	98	50	7,1	2472	135,34	0,90	8,40	9,00	0,60	1,57997	9,98	0,96033792
46	2	1500	2	1600	1	2006-07	0,4905	5,012	98	50	6,9	2472	135,34	0,90	8,40	9,60	1,20	1,6016	10,00	0,16128537
47	2	1600	2	1700	1	2006-07	0,4435	5,341	98	50	6,7	2472	135,34	0,90	9,60	10,40	0,80	1,6228	11,22	0,6770004
48	2	1700	2	1800	1	2006-07	0,4365	5,395	98	50	6,5	2472	135,34	0,90	9,20	10,60	1,40	1,64541	10,85	0,06022386
49	2	1800	2	1900	1	2006-07	0,3905	5,787	98	50	6,9	2472	135,34	0,90	9,80	11,80	2,00	1,60048	11,40	0,1596167
50	2	1900	2	2000	1	2006-07	0,6215	4,318	98	50	6,8	2472	135,34	0,90	8,80	11,40	2,60	1,61372	10,41	0,97274005
51	2	2000	2	2100	1	2006-07	0,5015	4,943	98	50	6,8	2472	135,34	0,90	8,60	9,60	1,00	1,61246	10,21	0,3751128
52	2	2100	2	2200	1	2006-07	0,4685	5,159	98	50	6,9	2472	135,34	0,90	9,80	11,80	2,00	1,60136	11,40	0,15891207
53	2	2200	2	2300	1	2006-07	0,388	5,810	98	50	6,9	2472	135,34	0,90	11,00	13,40	2,40	1,60045	12,60	0,63927966
54	2	2300	2	2400	1	2006-07	0,441	5,360	98	50	6,9	2472	135,34	0,90	8,60	9,80	1,20	1,60106	10,20	0,16084598
55	2	2400	2	2500	1	2006-07	0,4995	4,955	98	50	6,9	2472	135,34	0,90	8,80	10,60	1,80	1,6017	10,40	0,03932236
56	2	2500	2	2600	1	2006-07	0,396	5,736	98	50	7,0	2472	135,34	0,90	7,80	9,40	1,60	1,59003	9,39	9,9469E-05
57	2	2600	2	2700	1	2006-07	0,473	5,128	98	50	6,9	2472	135,34	0,90	7,20	9,00	1,80	1,60141	8,80	0,03943726

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
58	2	2700	2	2800	1	2006-07	0,494	4,990	98	50	7,0	2472	135,34	0,90	8,00	10,40	2,40	1,59112	9,59	0,6542788
64	2	3300	2	3400	1	2006-07	0,3435	6,274	98	50	6,4	3136	171,70	1,14	25,00	25,40	0,40	2,09957	27,10	2,88852294
67	2	3600	2	3700	1	2006-07	0,4415	5,356	98	50	6,4	1125	61,61	0,41	14,40	15,40	1,00	0,75758	15,16	0,05876785
68	2	3700	2	3800	1	2006-07	0,4265	5,474	98	50	6,4	1125	61,61	0,41	12,40	12,80	0,40	0,75742	13,16	0,12775194
70	2	3900	2	4000	1	2006-07	0,5055	4,918	98	50	6,4	1125	61,61	0,41	15,80	17,40	1,60	0,75823	16,56	0,70858459
71	2	4000	2	4100	1	2006-07	0,426	5,478	98	50	6,4	1125	61,61	0,41	11,20	13,00	1,80	0,75742	11,96	1,08697548
73	2	4200	2	4300	1	2006-07	0,385	5,839	98	50	6,5	1125	61,61	0,41	13,60	16,00	2,40	0,75165	14,35	2,71706541
74	2	4300	2	4400	1	2006-07	0,3545	6,150	98	50	6,4	1125	61,61	0,41	10,20	11,60	1,40	0,75666	10,96	0,41389101
75	2	4400	2	4500	1	2006-07	0,5395	4,721	98	50	6,4	1125	61,61	0,41	15,00	15,60	0,60	0,75856	15,76	0,025141
79	2	4800	2	4900	1	2006-07	0,3615	6,075	98	50	7,3	1125	61,61	0,41	15,40	17,40	2,00	0,71261	16,11	1,65736802
81	2	5000	2	5100	1	2006-07	0,4245	5,490	98	50	6,5	1125	61,61	0,41	13,00	15,00	2,00	0,75206	13,75	1,5573432
82	2	5100	2	5200	1	2006-07	0,4245	5,490	98	50	6,4	1125	61,61	0,41	13,40	15,20	1,80	0,7574	14,16	1,08700802
84	2	5300	2	5400	1	2006-07	0,4135	5,582	98	50	6,5	1125	61,61	0,41	15,80	17,20	1,40	0,75195	16,55	0,41996944
85	2	5400	2	5500	1	2006-07	0,408	5,629	98	50	6,3	1125	61,61	0,41	13,80	14,20	0,40	0,76269	14,56	0,13154588
86	2	5500	2	5600	1	2006-07	0,45	5,292	98	50	6,4	1125	61,61	0,41	14,60	17,00	2,40	0,75767	15,36	2,69725945
88	2	5700	2	5800	1	2006-07	0,395	5,745	98	50	6,3	1125	61,61	0,41	15,00	15,40	0,40	0,76256	15,76	0,13144619
91	2	6000	2	6100	1	2006-07	0,373	5,956	98	50	6,4	1125	61,61	0,41	21,40	26,00	4,60	0,75686	22,16	14,7697442
92	2	6100	2	6200	1	2006-07	0,3525	6,172	98	50	6,4	1125	61,61	0,41	26,00	28,20	2,20	0,75663	26,76	2,08330408
95	2	6400	2	6500	1	2006-07	0,4235	5,498	98	50	6,2	1125	61,61	0,41	18,00	19,20	1,20	0,76844	18,77	0,1862398
99	2	6800	2	6900	1	2006-07	0,5755	4,532	98	50	6,2	1125	61,61	0,41	17,60	18,60	1,00	0,76996	18,37	0,05291921
101	2	7000	2	7100	1	2006-07	0,423	5,502	98	50	6,2	1273	69,69	0,46	14,60	15,20	0,60	0,8685	15,47	0,07209098
103	2	7200	2	7300	1	2006-07	0,521	4,825	98	50	6,8	1273	69,69	0,46	17,00	18,00	1,00	0,83363	17,83	0,02767908
106	2	7500	2	7600	1	2006-07	0,3785	5,902	98	50	6,9	1586	86,86	0,58	19,00	24,20	5,20	1,029	20,03	17,3972216
107	2	7600	2	7700	1	2006-07	0,528	4,785	98	50	7,0	1586	86,86	0,58	10,40	15,40	5,00	1,02384	11,42	15,8098331
109	2	7800	2	7900	1	2006-07	0,3485	6,217	98	50	6,6	1586	86,86	0,58	18,00	22,20	4,20	1,0498	19,05	9,92376377
111	2	8000	2	8100	1	2006-07	0,3705	5,982	98	50	6,4	1586	86,86	0,58	14,20	19,60	5,40	1,06494	15,26	18,7927875
113	2	8200	2	8300	1	2006-07	0,285	7,057	98	50	6,9	1586	86,86	0,58	16,20	19,60	3,40	1,02792	17,23	5,62677476
117	2	8600	2	8700	1	2006-07	0,365	6,038	98	50	6,8	1586	86,86	0,58	30,60	34,40	3,80	1,03574	31,64	7,64110759
118	2	8700	2	8800	1	2006-07	0,445	5,329	98	50	6,1	1586	86,86	0,58	20,40	20,80	0,40	1,0894	21,49	0,4752731

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
119	2	8800	2	8900	1	2006-07	0,288	7,010	98	50	6,3	1586	86,86	0,58	10,40	13,40	3,00	1,07168	11,47	3,71843047
122	2	9100	2	9200	1	2006-07	0,355	6,145	98	50	6,2	1586	86,86	0,58	32,60	35,80	3,20	1,08034	33,68	4,4929517
123	2	9200	2	9300	1	2006-07	0,3205	6,554	98	50	6,6	1586	86,86	0,58	13,20	16,80	3,60	1,04948	14,25	6,50517426
124	2	9300	2	9400	1	2006-07	0,331	6,422	98	50	6,2	1586	86,86	0,58	11,60	13,40	1,80	1,08007	12,68	0,51830482
126	2	9500	2	9600	1	2006-07	0,349	6,211	98	50	6,2	1586	86,86	0,58	21,40	24,00	2,60	1,08027	22,48	2,30956944
129	2	9800	2	9900	1	2006-07	0,551	4,658	98	50	6,2	1586	86,86	0,58	12,60	17,40	4,80	1,08243	13,68	13,8203432
132	2	10100	2	10200	1	2006-07	0,411	5,603	98	50	6,7	387	21,21	0,14	23,60	25,60	2,00	0,25858	23,86	3,03254279
133	2	10200	2	10300	1	2006-07	0,5295	4,777	98	50	6,2	387	21,21	0,14	18,60	22,00	3,40	0,26884	18,87	9,80413366
135	2	10400	2	10500	1	2006-07	0,5015	4,943	98	50	6,2	387	21,21	0,14	19,20	23,17	3,97	0,2686	19,47	13,6757024
137	2	10600	2	10700	1	2006-07	0,917	3,380	98	50	7,1	387	21,21	0,14	15,20	16,60	1,40	0,25608	15,46	1,30854839
139	2	10800	2	10900	1	2006-07	1,147	2,935	98	50	7,2	387	21,21	0,14	12,80	15,60	2,80	0,25616	13,06	6,47112438
141	2	11000	2	11100	1	2006-07	1,0995	3,014	98	50	7,8	387	21,21	0,14	10,40	11,20	0,80	0,24697	10,65	0,30584334
142	2	11100	2	11200	1	2006-07	0,634	4,264	98	50	7,3	387	21,21	0,14	18,00	18,80	0,80	0,25074	18,25	0,30169066
147	2	11600	2	11700	1	2006-07	0,809	3,657	98	50	5,9	387	21,21	0,14	19,60	22,20	2,60	0,27718	19,88	5,39548078
149	2	11800	2	11900	1	2006-07	0,965	3,273	98	50	5,6	387	21,21	0,14	15,40	15,60	0,20	0,28488	15,68	0,00720453
152	2	12100	2	12200	1	2006-07	0,869	3,496	98	50	5,5	387	21,21	0,14	23,80	24,40	0,60	0,28645	24,09	0,09831168
153	2	12200	2	12300	1	2006-07	0,825	3,612	98	50	5,4	387	21,21	0,14	9,60	11,20	1,60	0,28847	9,89	1,72011542
154	2	12300	2	12400	1	2006-07	0,7855	3,726	98	50	5,6	387	21,21	0,14	12,80	13,80	1,00	0,28352	13,08	0,51333842
155	2	12400	2	12500	1	2006-07	0,67	4,118	98	50	5,7	387	21,21	0,14	13,40	17,00	3,60	0,28037	13,68	11,0199115
156	2	12500	2	12600	1	2006-07	0,8155	3,639	98	50	5,5	387	21,21	0,14	11,60	12,00	0,40	0,28604	11,89	0,0129858
158	2	12700	2	12800	1	2006-07	0,6705	4,116	98	50	5,7	387	21,21	0,14	10,80	12,00	1,20	0,28038	11,08	0,84570304
160	2	12900	2	13000	1	2006-07	0,6925	4,034	98	50	5,3	387	21,21	0,14	12,17	15,00	2,83	0,28984	12,46	6,46935128
161	2	13000	2	13100	1	2006-07	0,618	4,333	98	50	5,3	387	21,21	0,14	8,80	9,67	0,87	0,28923	9,09	0,33343188
164	2	0	2	100	2	2006-07	0,568	4,570	98	50	7,0	4547	248,96	1,66	6,80	10,80	4,00	2,92204	9,72	1,16199846
165	2	100	2	200	2	2006-07	0,3825	5,863	98	50	6,8	4547	248,96	1,66	7,60	11,20	3,60	2,95896	10,56	0,41093328
166	2	200	2	300	2	2006-07	0,4165	5,556	98	50	7,3	4547	248,96	1,66	8,00	11,20	3,20	2,86458	10,86	0,11250802
167	2	300	2	400	2	2006-07	0,259	7,495	98	50	7,5	4547	248,96	1,66	7,40	10,80	3,40	2,82722	10,23	0,32807193
168	2	400	2	500	2	2006-07	0,354	6,156	98	50	6,8	4547	248,96	1,66	5,40	8,80	3,40	2,9586	8,36	0,19483471
169	2	500	2	600	2	2006-07	0,393	5,763	98	50	7,4	4547	248,96	1,66	5,40	10,00	4,60	2,84646	8,25	3,07490027

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
170	2	600	2	700	2	2006-07	0,321	6,547	98	50	7,6	4547	248,96	1,66	6,00	10,20	4,20	2,81092	8,81	1,92954344
171	2	700	2	800	2	2006-07	0,5055	4,918	98	50	6,9	4547	248,96	1,66	6,80	9,80	3,00	2,94068	9,74	0,00351941
172	2	800	2	900	2	2006-07	0,435	5,406	98	50	7,2	4547	248,96	1,66	5,20	10,00	4,80	2,88299	8,08	3,6749255
173	2	900	2	1000	2	2006-07	0,4375	5,387	98	50	7,1	4547	248,96	1,66	6,20	10,33	4,13	2,90158	9,10	1,51721264
174	2	1000	2	1100	2	2006-07	0,4805	5,078	98	50	7,1	4547	248,96	1,66	6,80	8,60	1,80	2,90209	9,70	1,21460692
175	2	1100	2	1200	2	2006-07	0,5125	4,876	98	50	7,2	4547	248,96	1,66	8,20	12,00	3,80	2,8839	11,08	0,83923406
176	2	1200	2	1300	2	2006-07	0,4425	5,348	98	50	7,2	4547	248,96	1,66	6,60	9,00	2,40	2,88308	9,48	0,23336693
177	2	1300	2	1400	2	2006-07	0,596	4,433	98	50	7,2	4547	248,96	1,66	6,80	8,40	1,60	2,88484	9,68	1,65082201
178	2	1400	2	1500	2	2006-07	0,469	5,156	98	50	7,1	2472	135,34	0,90	6,80	10,60	3,80	1,58055	8,38	4,92595126
179	2	1500	2	1600	2	2006-07	0,4775	5,098	98	50	6,9	2472	135,34	0,90	6,80	9,40	2,60	1,60146	8,40	0,99707952
180	2	1600	2	1700	2	2006-07	0,489	5,022	98	50	6,7	2472	135,34	0,90	7,60	10,40	2,80	1,6233	9,22	1,38461499
181	2	1700	2	1800	2	2006-07	0,2945	6,912	98	50	6,5	2472	135,34	0,90	5,80	9,80	4,00	1,64372	7,44	5,55205288
182	2	1800	2	1900	2	2006-07	0,3685	6,002	98	50	6,9	2472	135,34	0,90	5,80	11,80	6,00	1,60022	7,40	19,3580491
183	2	1900	2	2000	2	2006-07	0,5575	4,624	98	50	6,8	2472	135,34	0,90	7,60	11,20	3,60	1,61306	9,21	3,94792325
184	2	2000	2	2100	2	2006-07	0,365	6,038	98	50	6,8	2472	135,34	0,90	11,40	16,20	4,80	1,61092	13,01	10,1702195
185	2	2100	2	2200	2	2006-07	0,404	5,664	98	50	6,9	2472	135,34	0,90	7,00	11,00	4,00	1,60064	8,60	5,75694984
186	2	2200	2	2300	2	2006-07	0,439	5,375	98	50	6,9	2472	135,34	0,90	6,80	11,20	4,40	1,60103	8,40	7,83421283
187	2	2300	2	2400	2	2006-07	0,426	5,478	98	50	6,9	2472	135,34	0,90	6,00	10,20	4,20	1,60089	7,60	6,75538922
188	2	2400	2	2500	2	2006-07	0,403	5,673	98	50	6,9	2472	135,34	0,90	7,00	10,20	3,20	1,60062	8,60	2,55800352
189	2	2500	2	2600	2	2006-07	0,4045	5,660	98	50	7,0	2472	135,34	0,90	7,00	10,80	3,80	1,59012	8,59	4,883549
190	2	2600	2	2700	2	2006-07	0,3895	5,796	98	50	6,9	2472	135,34	0,90	7,00	11,00	4,00	1,60047	8,60	5,75775481
191	2	2700	2	2800	2	2006-07	0,432	5,430	98	50	7,0	2472	135,34	0,90	6,80	9,40	2,60	1,59044	8,39	1,01921521
192	2	2800	2	2900	2	2006-07	0,447	5,314	98	50	6,8	3136	171,70	1,14	15,80	16,60	0,80	2,04322	17,84	1,54558962
193	2	2900	2	3000	2	2006-07	0,2845	7,064	98	50	8,2	3136	171,70	1,14	14,40	17,80	3,40	1,87323	16,27	2,33101471
194	2	3000	2	3100	2	2006-07	0,2575	7,522	98	50	9,1	3136	171,70	1,14	12,40	17,20	4,80	1,7855	14,19	9,08722459
195	2	3100	2	3200	2	2006-07	0,419	5,535	98	50	8,2	3136	171,70	1,14	30,60	33,20	2,60	1,87489	32,47	0,52578468
196	2	3200	2	3300	2	2006-07	0,4375	5,387	98	50	8,2	3136	171,70	1,14	21,20	25,00	3,80	1,8751	23,08	3,70522117
197	2	3300	2	3400	2	2006-07	0,32	6,560	98	50	6,4	3136	171,70	1,14	20,60	22,00	1,40	2,09927	22,70	0,48898133
198	2	3400	2	3500	2	2006-07	0,3765	5,921	98	50	6,9	3136	171,70	1,14	23,40	26,20	2,80	2,02876	25,43	0,59480915

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"-calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
199	2	3500	2	3600	2	2006-07	0,3875	5,815	98	50	6,9	3136	171,70	1,14	23,00	24,80	1,80	2,02889	25,03	0,05239215
200	2	3600	2	3700	2	2006-07	0,5395	4,721	98	50	6,4	1125	61,61	0,41	17,40	22,20	4,80	0,75856	18,16	16,3332443
201	2	3700	2	3800	2	2006-07	0,528	4,785	98	50	6,4	1125	61,61	0,41	15,40	19,60	4,20	0,75845	16,16	11,8442877
202	2	3800	2	3900	2	2006-07	0,492	5,003	98	50	6,4	1125	61,61	0,41	8,20	15,60	7,40	0,75809	8,96	44,1149544
203	2	3900	2	4000	2	2006-07	0,4995	4,955	98	50	6,4	1125	61,61	0,41	8,80	12,20	3,40	0,75817	9,56	6,97928804
204	2	4000	2	4100	2	2006-07	0,5605	4,608	98	50	6,4	1125	61,61	0,41	21,40	23,00	1,60	0,75876	22,16	0,70768082
205	2	4100	2	4200	2	2006-07	0,4885	5,025	98	50	6,6	1125	61,61	0,41	16,40	19,40	3,00	0,7475	17,15	5,07376953
206	2	4200	2	4300	2	2006-07	0,396	5,736	98	50	6,5	1125	61,61	0,41	13,60	17,60	4,00	0,75176	14,35	10,5510313
207	2	4300	2	4400	2	2006-07	0,4865	5,038	98	50	6,4	1125	61,61	0,41	15,20	20,20	5,00	0,75804	15,96	17,9942581
208	2	4400	2	4500	2	2006-07	0,606	4,387	98	50	6,4	1125	61,61	0,41	20,60	23,40	2,80	0,7592	21,36	4,16488339
209	2	4500	2	4600	2	2006-07	0,543	4,701	98	50	6,4	1125	61,61	0,41	14,80	17,60	2,80	0,75859	15,56	4,16734193
210	2	4600	2	4700	2	2006-07	0,463	5,198	98	50	6,3	1125	61,61	0,41	13,00	16,00	3,00	0,76326	13,76	5,00300118
211	2	4700	2	4800	2	2006-07	0,3995	5,704	98	50	7,5	1125	61,61	0,41	8,40	13,80	5,40	0,70428	9,10	22,0497632
212	2	4800	2	4900	2	2006-07	0,482	5,068	98	50	7,3	1125	61,61	0,41	14,80	19,00	4,20	0,71387	15,51	12,1531021
213	2	4900	2	5000	2	2006-07	0,325	6,496	98	50	7,0	1125	61,61	0,41	11,80	14,40	2,60	0,72599	12,53	3,5119089
214	2	5000	2	5100	2	2006-07	0,435	5,406	98	50	6,5	1125	61,61	0,41	14,60	15,80	1,20	0,75217	15,35	0,20054872
215	2	5100	2	5200	2	2006-07	0,43	5,446	98	50	6,4	1125	61,61	0,41	18,40	22,40	4,00	0,75746	19,16	10,5140632
216	2	5200	2	5300	2	2006-07	0,3855	5,834	98	50	6,6	1125	61,61	0,41	8,20	11,40	3,20	0,74643	8,95	6,01999201
217	2	5300	2	5400	2	2006-07	0,466	5,177	98	50	6,5	1125	61,61	0,41	11,80	13,40	1,60	0,75249	12,55	0,71827206
218	2	5400	2	5500	2	2006-07	0,382	5,867	98	50	6,3	1125	61,61	0,41	10,40	15,20	4,80	0,76242	11,16	16,3020817
219	2	5500	2	5600	2	2006-07	0,4795	5,085	98	50	6,4	1125	61,61	0,41	11,20	15,20	4,00	0,75797	11,96	10,5107858
220	2	5600	2	5700	2	2006-07	0,4085	5,625	98	50	6,4	1125	61,61	0,41	14,60	17,00	2,40	0,75724	15,36	2,69867423
221	2	5700	2	5800	2	2006-07	0,477	5,101	98	50	6,3	1125	61,61	0,41	9,80	12,40	2,60	0,7634	10,56	3,37308986
222	2	5800	2	5900	2	2006-07	0,402	5,682	98	50	6,4	1125	61,61	0,41	14,80	17,80	3,00	0,75717	15,56	5,03029875
223	2	5900	2	6000	2	2006-07	0,553	4,648	98	50	6,4	1125	61,61	0,41	20,60	24,00	3,40	0,75869	21,36	6,97651847
224	2	6000	2	6100	2	2006-07	0,545	4,691	98	50	6,4	1125	61,61	0,41	10,40	14,40	4,00	0,75861	11,16	10,5065925
225	2	6100	2	6200	2	2006-07	0,543	4,701	98	50	6,4	1125	61,61	0,41	13,80	19,80	6,00	0,75859	14,56	27,4723458
226	2	6200	2	6300	2	2006-07	0,583	4,496	98	50	6,2	1125	61,61	0,41	19,20	19,60	0,40	0,77003	19,97	0,13692202
227	2	6300	2	6400	2	2006-07	0,6325	4,271	98	50	6,2	1125	61,61	0,41	21,00	22,80	1,80	0,7705	21,77	1,05987956

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
228	2	6400	2	6500	2	2006-07	0,6075	4,380	98	50	6,2	1125	61,61	0,41	18,83	24,67	5,83	0,77026	19,60	25,6346953
229	2	6500	2	6600	2	2006-07	0,505	4,921	98	50	6,2	1125	61,61	0,41	22,80	26,20	3,40	0,76927	23,57	6,92072739
230	2	6600	2	6700	2	2006-07	0,4515	5,281	98	50	6,2	1125	61,61	0,41	19,60	20,20	0,60	0,76873	20,37	0,02847113
231	2	6700	2	6800	2	2006-07	0,4105	5,607	98	50	6,2	1125	61,61	0,41	19,00	20,60	1,60	0,76831	19,77	0,69171008
232	2	6800	2	6900	2	2006-07	0,5475	4,677	98	50	6,2	1125	61,61	0,41	18,75	22,40	3,65	0,76969	19,52	8,29619216
233	2	6900	2	7000	2	2006-07	0,5675	4,572	98	50	6,2	1273	69,69	0,46	25,20	28,20	3,00	0,86996	26,07	4,53707346
234	2	7000	2	7100	2	2006-07	0,635	4,260	98	50	6,2	1273	69,69	0,46	21,60	25,20	3,60	0,87061	22,47	7,44959688
235	2	7100	2	7200	2	2006-07	0,6835	4,067	98	50	6,3	1273	69,69	0,46	27,20	28,80	1,60	0,86473	28,06	0,54061626
236	2	7200	2	7300	2	2006-07	0,603	4,401	98	50	6,8	1273	69,69	0,46	13,40	19,00	5,60	0,83443	14,23	22,7106639
238	2	7400	2	7500	2	2006-07	0,583	4,496	98	50	7,0	1586	86,86	0,58	22,80	24,40	1,60	1,02439	23,82	0,33132327
240	2	7600	2	7700	2	2006-07	0,6215	4,318	98	50	7,0	1586	86,86	0,58	18,20	21,80	3,60	1,02477	19,22	6,63180827
242	2	7800	2	7900	2	2006-07	0,479	5,088	98	50	6,6	1586	86,86	0,58	29,20	31,00	1,80	1,05122	30,25	0,56066786
243	2	7900	2	8000	2	2006-07	0,3675	6,012	98	50	6,7	1586	86,86	0,58	13,00	17,00	4,00	1,04282	14,04	8,74493558
244	2	8000	2	8100	2	2006-07	0,3745	5,941	98	50	6,4	1586	86,86	0,58	24,20	24,80	0,60	1,06498	25,26	0,21620639
245	2	8100	2	8200	2	2006-07	0,2595	7,486	98	50	6,0	1586	86,86	0,58	16,20	20,00	3,80	1,09554	17,30	7,31409065
246	2	8200	2	8300	2	2006-07	0,371	5,976	98	50	6,9	1586	86,86	0,58	22,40	27,00	4,60	1,02892	23,43	12,7526241
248	2	8400	2	8500	2	2006-07	0,3025	6,797	98	50	6,7	1586	86,86	0,58	8,20	12,20	4,00	1,04206	9,24	8,74938092
249	2	8500	2	8600	2	2006-07	0,404	5,664	98	50	6,8	1586	86,86	0,58	18,80	20,40	1,60	1,03618	19,84	0,317895
252	2	8800	2	8900	2	2006-07	0,4885	5,025	98	50	6,3	1586	86,86	0,58	17,20	18,40	1,20	1,07391	18,27	0,01589909
253	2	8900	2	9000	2	2006-07	0,4145	5,573	98	50	6,8	1586	86,86	0,58	13,00	14,60	1,60	1,03629	14,04	0,3177657
254	2	9000	2	9100	2	2006-07	0,3915	5,777	98	50	6,1	1586	86,86	0,58	16,80	17,80	1,00	1,08882	17,89	0,00788893
255	2	9100	2	9200	2	2006-07	0,3435	6,274	98	50	6,2	1586	86,86	0,58	13,00	14,60	1,60	1,08021	14,08	0,27018136
256	2	9200	2	9300	2	2006-07	0,4265	5,474	98	50	6,6	1586	86,86	0,58	20,00	23,40	3,40	1,05067	21,05	5,51937484
257	2	9300	2	9400	2	2006-07	0,264	7,405	98	50	6,2	1586	86,86	0,58	18,80	19,00	0,20	1,07926	19,88	0,77310683
258	2	9400	2	9500	2	2006-07	0,3535	6,161	98	50	6,2	1586	86,86	0,58	32,00	34,20	2,20	1,08032	33,08	1,25367313
259	2	9500	2	9600	2	2006-07	0,407	5,638	98	50	6,2	1586	86,86	0,58	42,60	45,40	2,80	1,08092	43,68	2,95523176
260	2	9600	2	9700	2	2006-07	0,3935	5,759	98	50	6,2	1586	86,86	0,58	41,20	41,60	0,40	1,08077	42,28	0,46345171
261	2	9700	2	9800	2	2006-07	0,3725	5,961	98	50	6,2	1586	86,86	0,58	39,00	42,40	3,40	1,08054	40,08	5,37989843
262	2	9800	2	9900	2	2006-07	0,569	4,565	98	50	6,2	1586	86,86	0,58	22,20	22,60	0,40	1,08261	23,28	0,46595333

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
263	2	9900	2	10000	2	2006-07	0,6005	4,413	98	50	6,1	387	21,21	0,14	17,80	19,80	2,00	0,27142	18,07	2,98798372
264	2	10000	2	10100	2	2006-07	0,4405	5,364	98	50	6,1	387	21,21	0,14	20,00	20,40	0,40	0,27002	20,27	0,01689451
266	2	10200	2	10300	2	2006-07	0,478	5,095	98	50	6,2	387	21,21	0,14	28,60	29,60	1,00	0,26839	28,87	0,5352527
267	2	10300	2	10400	2	2006-07	0,806	3,666	98	50	6,2	387	21,21	0,14	14,00	16,20	2,20	0,2711	14,27	3,72064247
269	2	10500	2	10600	2	2006-07	0,635	4,260	98	50	6,7	387	21,21	0,14	9,80	14,40	4,60	0,26054	10,06	18,8309061
270	2	10600	2	10700	2	2006-07	0,594	4,443	98	50	7,1	387	21,21	0,14	6,40	9,00	2,60	0,25353	6,65	5,50590595
271	2	10700	2	10800	2	2006-07	0,8365	3,581	98	50	6,5	387	21,21	0,14	5,40	12,00	6,60	0,26569	5,67	40,1234203
272	2	10800	2	10900	2	2006-07	0,894	3,434	98	50	7,2	387	21,21	0,14	17,00	27,00	10,00	0,25433	17,25	94,9781077
273	2	10900	2	11000	2	2006-07	1,095	3,022	98	50	7,2	387	21,21	0,14	21,80	28,40	6,60	0,25579	22,06	40,2489574
274	2	11000	2	11100	2	2006-07	0,821	3,623	98	50	7,8	387	21,21	0,14	14,80	21,20	6,40	0,24492	15,04	37,885033
275	2	11100	2	11200	2	2006-07	1,014	3,172	98	50	7,3	387	21,21	0,14	10,80	18,80	8,00	0,25366	11,05	60,005727
276	2	11200	2	11300	2	2006-07	0,3255	6,490	98	50	7,2	387	21,21	0,14	6,20	12,60	6,40	0,24951	6,45	37,8285395
277	2	11300	2	11400	2	2006-07	0,6715	4,113	98	50	7,4	387	21,21	0,14	11,00	15,60	4,60	0,24952	11,25	18,9266333
278	2	11400	2	11500	2	2006-07	1,067	3,072	98	50	7,4	387	21,21	0,14	19,20	24,40	5,20	0,25253	19,45	24,4775
279	2	11500	2	11600	2	2006-07	0,907	3,403	98	50	7,4	387	21,21	0,14	16,80	18,60	1,80	0,25136	17,05	2,39829268
280	2	11600	2	11700	2	2006-07	0,9375	3,333	98	50	5,9	387	21,21	0,14	17,40	20,80	3,40	0,27815	17,68	9,74592508
281	2	11700	2	11800	2	2006-07	0,5675	4,572	98	50	5,6	387	21,21	0,14	11,20	14,80	3,60	0,28175	11,48	11,010775
282	2	11800	2	11900	2	2006-07	1,0925	3,027	98	50	5,6	387	21,21	0,14	13,20	16,60	3,40	0,2858	13,49	9,69824532
284	2	12000	2	12100	2	2006-07	1,0405	3,121	98	50	5,5	387	21,21	0,14	21,80	22,20	0,40	0,28772	22,09	0,01260747
285	2	12100	2	12200	2	2006-07	0,5565	4,629	98	50	5,5	387	21,21	0,14	18,00	19,60	1,60	0,28395	18,28	1,73199802
286	2	12200	2	12300	2	2006-07	0,629	4,285	98	50	5,4	387	21,21	0,14	6,20	8,80	2,60	0,28691	6,49	5,35039685
287	2	12300	2	12400	2	2006-07	0,721	3,932	98	50	5,6	387	21,21	0,14	5,40	10,40	5,00	0,28302	5,68	22,2499419
288	2	12400	2	12500	2	2006-07	0,697	4,017	98	50	5,7	387	21,21	0,14	14,20	18,40	4,20	0,28059	14,48	15,3617486
289	2	12500	2	12600	2	2006-07	0,5705	4,557	98	50	5,5	387	21,21	0,14	9,80	12,20	2,40	0,28407	10,08	4,47717799
290	2	12600	2	12700	2	2006-07	0,5575	4,624	98	50	6,6	387	21,21	0,14	8,40	13,00	4,60	0,26165	8,66	18,8213107
291	2	12700	2	12800	2	2006-07	0,625	4,303	98	50	5,7	387	21,21	0,14	11,80	14,00	2,20	0,28	12,08	3,68638102
292	2	12800	2	12900	2	2006-07	0,655	4,178	98	50	5,5	387	21,21	0,14	6,80	9,80	3,00	0,28477	7,08	7,37246734
294	2	13000	2	13100	2	2006-07	0,8415	3,568	98	50	5,3	387	21,21	0,14	12,00	14,60	2,60	0,29101	12,29	5,33143711
295	2	13100	2	13200	2	2006-07	0,761	3,801	98	50	5,3	387	21,21	0,14	16,00	17,40	1,40	0,29039	16,29	1,23124236

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)		(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																	
296	2	13200	2	13350	2	2006-07	0,7007	4,004	98	50	5,3	387	21,21	0,14	5,29	6,00	0,71	0,28991	5,58		0,18009718
31	2	0	2	100	1	2007-08	0,4477	5,309	98	50	7,0	4640	254,04	1,69	9,60	12,80	3,20	2,98012	12,58		0,04834741
32	2	100	2	200	1	2007-08	0,4065	5,642	98	50	6,8	4640	254,04	1,69	10,60	14,00	3,40	3,01952	13,62		0,14476263
33	2	200	2	300	1	2007-08	0,371	5,976	98	50	7,3	4640	254,04	1,69	12,00	14,20	2,20	2,92234	14,92		0,52178161
34	2	300	2	400	1	2007-08	0,349	6,211	98	50	7,5	4640	254,04	1,69	9,00	11,40	2,40	2,88604	11,89		0,2362307
35	2	400	2	500	1	2007-08	0,493	4,996	98	50	6,8	4640	254,04	1,69	8,40	11,80	3,40	3,02056	11,42		0,14397554
36	2	500	2	600	1	2007-08	0,463	5,198	98	50	7,4	4640	254,04	1,69	9,80	11,00	1,20	2,90528	12,71		2,90797344
37	2	600	2	700	1	2007-08	0,587	4,476	98	50	7,6	4640	254,04	1,69	11,60	14,80	3,20	2,87137	14,47		0,10799715
38	2	700	2	800	1	2007-08	0,378	5,906	98	50	6,9	4640	254,04	1,69	11,20	13,00	1,80	2,99901	14,20		1,43761484
39	2	800	2	900	1	2007-08	0,3895	5,796	98	50	7,2	4640	254,04	1,69	8,80	10,00	1,20	2,94114	11,74		3,031555
40	2	900	2	1000	1	2007-08	0,634	4,264	98	50	7,1	4640	254,04	1,69	9,80	11,40	1,60	2,96291	12,76		1,85751598
41	2	1000	2	1100	1	2007-08	0,547	4,680	98	50	7,1	4640	254,04	1,69	9,60	12,40	2,80	2,96194	12,56		0,0262254
42	2	1100	2	1200	1	2007-08	0,626	4,298	98	50	7,2	4640	254,04	1,69	10,80	13,20	2,40	2,94388	13,74		0,29580593
43	2	1200	2	1300	1	2007-08	0,583	4,496	98	50	7,2	4640	254,04	1,69	12,80	16,00	3,20	2,94341	15,74		0,06584
44	2	1300	2	1400	1	2007-08	0,551	4,658	98	50	7,2	4640	254,04	1,69	11,00	13,00	2,00	2,94305	13,94		0,88933985
45	2	1400	2	1500	1	2007-08	0,417	5,552	98	50	7,1	2522	138,10	0,92	9,00	12,20	3,20	1,61209	10,61		2,52145135
46	2	1500	2	1600	1	2007-08	0,4905	5,012	98	50	6,9	2522	138,10	0,92	9,60	12,80	3,20	1,63415	11,23		2,4518738
47	2	1600	2	1700	1	2007-08	0,4435	5,341	98	50	6,7	2522	138,10	0,92	10,40	14,40	4,00	1,65579	12,06		5,49530724
48	2	1700	2	1800	1	2007-08	0,4365	5,395	98	50	6,5	2522	138,10	0,92	10,60	13,80	3,20	1,67886	12,28		2,31386457
49	2	1800	2	1900	1	2007-08	0,3905	5,787	98	50	6,9	2522	138,10	0,92	11,80	14,60	2,80	1,63303	13,43		1,3618251
50	2	1900	2	2000	1	2007-08	0,6215	4,318	98	50	6,8	2522	138,10	0,92	11,40	12,40	1,00	1,6465	13,05		0,41795824
51	2	2000	2	2100	1	2007-08	0,5015	4,943	98	50	6,8	2522	138,10	0,92	9,60	12,00	2,40	1,64523	11,25		0,569671
52	2	2100	2	2200	1	2007-08	0,4685	5,159	98	50	6,9	2522	138,10	0,92	11,80	14,00	2,20	1,63391	13,43		0,32045545
53	2	2200	2	2300	1	2007-08	0,388	5,810	98	50	6,9	2522	138,10	0,92	13,40	13,60	0,20	1,633	15,03		2,05348395
54	2	2300	2	2400	1	2007-08	0,441	5,360	98	50	6,9	2522	138,10	0,92	9,80	12,00	2,20	1,63361	11,43		0,32080292
55	2	2400	2	2500	1	2007-08	0,4995	4,955	98	50	6,9	2522	138,10	0,92	10,60	13,60	3,00	1,63425	12,23		1,86526759
56	2	2500	2	2600	1	2007-08	0,396	5,736	98	50	7,0	2522	138,10	0,92	9,40	11,80	2,40	1,62236	11,02		0,60472388
57	2	2600	2	2700	1	2007-08	0,473	5,128	98	50	6,9	2522	138,10	0,92	9,00	12,20	3,20	1,63396	10,63		2,45247542
58	2	2700	2	2800	1	2007-08	0,494	4,990	98	50	7,0	2522	138,10	0,92	10,40	11,40	1,00	1,62346	12,02		0,3887035

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
59	2	2800	2	2900	1	2007-08	0,4125	5,590	98	50	6,8	3200	175,20	1,17	13,00	15,20	2,20	2,08438	15,08	0,01336699
60	2	2900	2	3000	1	2007-08	0,3715	5,971	98	50	8,2	3200	175,20	1,17	17,60	21,20	3,60	1,91246	19,51	2,84778163
61	2	3000	2	3100	1	2007-08	0,32	6,560	98	50	9,1	3200	175,20	1,17	13,80	15,40	1,60	1,82266	15,62	0,04957881
63	2	3200	2	3300	1	2007-08	0,4015	5,686	98	50	8,2	3200	175,20	1,17	24,40	26,60	2,20	1,91282	26,31	0,08247088
64	2	3300	2	3400	1	2007-08	0,3435	6,274	98	50	6,4	3200	175,20	1,17	25,40	26,20	0,80	2,14231	27,54	1,80178603
65	2	3400	2	3500	1	2007-08	0,381	5,877	98	50	6,9	3200	175,20	1,17	16,00	18,60	2,60	2,0701	18,07	0,28078981
66	2	3500	2	3600	1	2007-08	0,405	5,655	98	50	6,9	3200	175,20	1,17	16,00	19,60	3,60	2,07039	18,07	2,3397056
67	2	3600	2	3700	1	2007-08	0,4415	5,356	98	50	6,4	1148	62,87	0,42	15,40	15,60	0,20	0,77292	16,17	0,32824298
68	2	3700	2	3800	1	2007-08	0,4265	5,474	98	50	6,4	1148	62,87	0,42	12,80	13,00	0,20	0,77277	13,57	0,32806481
72	2	4100	2	4200	1	2007-08	0,422	5,511	98	50	6,6	1148	62,87	0,42	9,80	13,60	3,80	0,76195	10,56	9,2297602
73	2	4200	2	4300	1	2007-08	0,385	5,839	98	50	6,5	1148	62,87	0,42	16,00	16,60	0,60	0,76688	16,77	0,02784998
74	2	4300	2	4400	1	2007-08	0,3545	6,150	98	50	6,4	1148	62,87	0,42	11,60	11,80	0,20	0,772	12,37	0,32718407
75	2	4400	2	4500	1	2007-08	0,5395	4,721	98	50	6,4	1148	62,87	0,42	15,60	17,80	2,20	0,77391	16,37	2,03374112
76	2	4500	2	4600	1	2007-08	0,5105	4,888	98	50	6,4	1148	62,87	0,42	13,60	19,20	5,60	0,77362	14,37	23,2939237
77	2	4600	2	4700	1	2007-08	0,4275	5,466	98	50	6,3	1148	62,87	0,42	15,00	18,20	3,20	0,77835	15,78	5,86437267
78	2	4700	2	4800	1	2007-08	0,42	5,527	98	50	7,5	1148	62,87	0,42	18,00	19,60	1,60	0,71876	18,72	0,77657604
80	2	4900	2	5000	1	2007-08	0,3725	5,961	98	50	7,0	1148	62,87	0,42	17,20	21,40	4,20	0,74124	17,94	11,9630283
83	2	5200	2	5300	1	2007-08	0,4035	5,669	98	50	6,6	1148	62,87	0,42	13,00	13,40	0,40	0,76175	13,76	0,13086555
84	2	5300	2	5400	1	2007-08	0,4135	5,582	98	50	6,5	1148	62,87	0,42	17,20	18,80	1,60	0,76719	17,97	0,69357976
85	2	5400	2	5500	1	2007-08	0,408	5,629	98	50	6,3	1148	62,87	0,42	14,20	15,60	1,40	0,77815	14,98	0,38669871
87	2	5600	2	5700	1	2007-08	0,444	5,337	98	50	6,4	1148	62,87	0,42	12,60	14,20	1,60	0,77295	13,37	0,68401054
88	2	5700	2	5800	1	2007-08	0,395	5,745	98	50	6,3	1148	62,87	0,42	15,40	16,60	1,20	0,77801	16,18	0,17807454
108	2	7700	2	7800	1	2007-08	0,337	6,350	98	50	7,4	1619	88,63	0,59	14,40	16,60	2,20	1,01636	15,42	1,40100017
109	2	7800	2	7900	1	2007-08	0,3485	6,217	98	50	6,6	1619	88,63	0,59	22,20	24,80	2,60	1,07112	23,27	2,3374647
110	2	7900	2	8000	1	2007-08	0,3545	6,150	98	50	6,7	1619	88,63	0,59	15,80	20,80	5,00	1,06385	16,86	15,4933077
112	2	8100	2	8200	1	2007-08	0,351	6,189	98	50	6,0	1619	88,63	0,59	15,40	18,60	3,20	1,11891	16,52	4,33094326
113	2	8200	2	8300	1	2007-08	0,285	7,057	98	50	6,9	1619	88,63	0,59	19,60	20,00	0,40	1,04881	20,65	0,42095218
114	2	8300	2	8400	1	2007-08	0,364	6,049	98	50	6,1	1619	88,63	0,59	17,20	20,80	3,60	1,11062	18,31	6,19699805
115	2	8400	2	8500	1	2007-08	0,3915	5,777	98	50	6,7	1619	88,63	0,59	19,40	20,80	1,40	1,06426	20,46	0,1127201

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
117	2	8600	2	8700	1	2007-08	0,365	6,038	98	50	6,8	1619	88,63	0,59	34,40	38,20	3,80	1,05678	35,46	7,52526655
120	2	8900	2	9000	1	2007-08	0,383	5,858	98	50	6,8	1619	88,63	0,59	12,40	16,60	4,20	1,05698	13,46	9,87857367
121	2	9000	2	9100	1	2007-08	0,4385	5,379	98	50	6,1	1619	88,63	0,59	38,60	40,40	1,80	1,11144	39,71	0,4741102
124	2	9300	2	9400	1	2007-08	0,331	6,422	98	50	6,2	1619	88,63	0,59	13,40	14,80	1,40	1,10201	14,50	0,08879739
125	2	9400	2	9500	1	2007-08	0,476	5,108	98	50	6,2	1619	88,63	0,59	14,20	18,60	4,40	1,10361	15,30	10,8662021
126	2	9500	2	9600	1	2007-08	0,349	6,211	98	50	6,2	1619	88,63	0,59	24,00	27,40	3,40	1,10222	25,10	5,27979892
127	2	9600	2	9700	1	2007-08	0,358	6,112	98	50	6,2	1619	88,63	0,59	19,00	21,80	2,80	1,10232	20,10	2,88211277
128	2	9700	2	9800	1	2007-08	0,4705	5,146	98	50	6,2	1619	88,63	0,59	19,40	23,40	4,00	1,10355	20,50	8,38942306
129	2	9800	2	9900	1	2007-08	0,551	4,658	98	50	6,2	1619	88,63	0,59	17,40	17,80	0,40	1,10438	18,50	0,49614841
130	2	9900	2	10000	1	2007-08	0,448	5,307	98	50	6,1	395	21,64	0,14	12,60	16,40	3,80	0,2755	12,88	12,4221125
131	2	10000	2	10100	1	2007-08	0,366	6,028	98	50	6,1	395	21,64	0,14	14,80	21,00	6,20	0,27473	15,07	35,1088484
136	2	10500	2	10600	1	2007-08	0,7325	3,893	98	50	6,7	395	21,64	0,14	9,60	11,60	2,00	0,26652	9,87	3,00496615
138	2	10700	2	10800	1	2007-08	0,539	4,723	98	50	6,5	395	21,64	0,14	9,60	11,40	1,80	0,26854	9,87	2,34537162
141	2	11000	2	11100	1	2007-08	1,0995	3,014	98	50	7,8	395	21,64	0,14	11,20	14,40	3,20	0,25181	11,45	8,69181204
153	2	12200	2	12300	1	2007-08	0,825	3,612	98	50	5,4	395	21,64	0,14	11,20	11,80	0,60	0,2942	11,49	0,09351665
154	2	12300	2	12400	1	2007-08	0,7855	3,726	98	50	5,6	395	21,64	0,14	13,80	14,20	0,40	0,28916	14,09	0,01228661
156	2	12500	2	12600	1	2007-08	0,8155	3,639	98	50	5,5	395	21,64	0,14	12,00	12,20	0,20	0,29172	12,29	0,00841318
163	2	13200	2	13350	1	2007-08	0,486	5,042	98	50	5,3	395	21,64	0,14	4,57	8,71	4,14	0,29387	4,87	14,8147388
164	2	0	2	100	2	2007-08	0,568	4,570	98	50	7,0	4640	254,04	1,69	10,80	11,80	1,00	2,98151	13,78	3,92639122
165	2	100	2	200	2	2007-08	0,3825	5,863	98	50	6,8	4640	254,04	1,69	11,20	14,00	2,80	3,01923	14,22	0,04805965
166	2	200	2	300	2	2007-08	0,4165	5,556	98	50	7,3	4640	254,04	1,69	11,20	14,20	3,00	2,92291	14,12	0,00594288
167	2	300	2	400	2	2007-08	0,259	7,495	98	50	7,5	4640	254,04	1,69	10,80	12,80	2,00	2,88483	13,68	0,78292651
168	2	400	2	500	2	2007-08	0,354	6,156	98	50	6,8	4640	254,04	1,69	8,80	10,40	1,60	3,01886	11,82	2,01317571
169	2	500	2	600	2	2007-08	0,393	5,763	98	50	7,4	4640	254,04	1,69	10,00	11,00	1,00	2,90443	12,90	3,62684702
170	2	600	2	700	2	2007-08	0,321	6,547	98	50	7,6	4640	254,04	1,69	10,20	11,60	1,40	2,86818	13,07	2,15554935
171	2	700	2	800	2	2007-08	0,5055	4,918	98	50	6,9	4640	254,04	1,69	9,80	12,60	2,80	3,00054	12,80	0,04021681
172	2	800	2	900	2	2007-08	0,435	5,406	98	50	7,2	4640	254,04	1,69	10,00	13,00	3,00	2,94169	12,94	0,00339956
173	2	900	2	1000	2	2007-08	0,4375	5,387	98	50	7,1	4640	254,04	1,69	10,33	12,00	1,67	2,96066	13,29	1,67442943
174	2	1000	2	1100	2	2007-08	0,4805	5,078	98	50	7,1	4640	254,04	1,69	8,60	10,20	1,60	2,96118	11,56	1,8527997

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
175	2	1100	2	1200	2	2007-08	0,5125	4,876	98	50	7,2	4640	254,04	1,69	12,00	13,80	1,80	2,94261	14,94	1,30555448
176	2	1200	2	1300	2	2007-08	0,4425	5,348	98	50	7,2	4640	254,04	1,69	9,00	12,00	3,00	2,94178	11,94	0,00338903
177	2	1300	2	1400	2	2007-08	0,596	4,433	98	50	7,2	4640	254,04	1,69	8,40	10,80	2,40	2,94355	11,34	0,2954478
178	2	1400	2	1500	2	2007-08	0,469	5,156	98	50	7,1	2522	138,10	0,92	10,60	12,80	2,20	1,61268	12,21	0,34494865
179	2	1500	2	1600	2	2007-08	0,4775	5,098	98	50	6,9	2522	138,10	0,92	9,40	11,40	2,00	1,63401	11,03	0,13394761
180	2	1600	2	1700	2	2007-08	0,489	5,022	98	50	6,7	2522	138,10	0,92	10,40	12,20	1,80	1,6563	12,06	0,02065056
181	2	1700	2	1800	2	2007-08	0,2945	6,912	98	50	6,5	2522	138,10	0,92	9,80	12,80	3,00	1,67717	11,48	1,74987379
182	2	1800	2	1900	2	2007-08	0,3685	6,002	98	50	6,9	2522	138,10	0,92	11,80	14,60	2,80	1,63277	13,43	1,36242801
183	2	1900	2	2000	2	2007-08	0,5575	4,624	98	50	6,8	2522	138,10	0,92	11,20	14,40	3,20	1,64583	12,85	2,41543471
184	2	2000	2	2100	2	2007-08	0,365	6,038	98	50	6,8	2522	138,10	0,92	16,20	16,40	0,20	1,64369	17,84	2,08423604
185	2	2100	2	2200	2	2007-08	0,404	5,664	98	50	6,9	2522	138,10	0,92	11,00	14,00	3,00	1,63318	12,63	1,86818641
186	2	2200	2	2300	2	2007-08	0,439	5,375	98	50	6,9	2522	138,10	0,92	11,20	12,60	1,40	1,63358	12,83	0,05456093
187	2	2300	2	2400	2	2007-08	0,426	5,478	98	50	6,9	2522	138,10	0,92	10,20	11,20	1,00	1,63344	11,83	0,4012408
188	2	2400	2	2500	2	2007-08	0,403	5,673	98	50	6,9	2522	138,10	0,92	10,20	13,00	2,80	1,63317	11,83	1,36148687
189	2	2500	2	2600	2	2007-08	0,4045	5,660	98	50	7,0	2522	138,10	0,92	10,80	13,80	3,00	1,62246	12,42	1,89762097
190	2	2600	2	2700	2	2007-08	0,3895	5,796	98	50	6,9	2522	138,10	0,92	11,00	13,20	2,20	1,63302	12,63	0,32147116
191	2	2700	2	2800	2	2007-08	0,432	5,430	98	50	7,0	2522	138,10	0,92	9,40	10,80	1,40	1,62277	11,02	0,04962759
192	2	2800	2	2900	2	2007-08	0,447	5,314	98	50	6,8	3200	175,20	1,17	16,60	18,60	2,00	2,08479	18,68	0,00718863
193	2	2900	2	3000	2	2007-08	0,2845	7,064	98	50	8,2	3200	175,20	1,17	17,80	18,40	0,60	1,91137	19,71	1,71968925
194	2	3000	2	3100	2	2007-08	0,2575	7,522	98	50	9,1	3200	175,20	1,17	17,20	18,00	0,80	1,82185	19,02	1,04417518
196	2	3200	2	3300	2	2007-08	0,4375	5,387	98	50	8,2	3200	175,20	1,17	25,00	27,40	2,40	1,91324	26,91	0,23693103
197	2	3300	2	3400	2	2007-08	0,32	6,560	98	50	6,4	3200	175,20	1,17	22,00	23,40	1,40	2,14201	24,14	0,55058191
198	2	3400	2	3500	2	2007-08	0,3765	5,921	98	50	6,9	3200	175,20	1,17	26,20	29,40	3,20	2,07005	28,27	1,27678768
199	2	3500	2	3600	2	2007-08	0,3875	5,815	98	50	6,9	3200	175,20	1,17	24,80	26,00	1,20	2,07018	26,87	0,75721675
200	2	3600	2	3700	2	2007-08	0,5395	4,721	98	50	6,4	1148	62,87	0,42	22,20	23,00	0,80	0,77391	22,97	0,00068084
201	2	3700	2	3800	2	2007-08	0,528	4,785	98	50	6,4	1148	62,87	0,42	19,60	19,80	0,20	0,77379	20,37	0,32924021
202	2	3800	2	3900	2	2007-08	0,492	5,003	98	50	6,4	1148	62,87	0,42	15,60	16,00	0,40	0,77344	16,37	0,13945589
203	2	3900	2	4000	2	2007-08	0,4995	4,955	98	50	6,4	1148	62,87	0,42	12,20	13,60	1,40	0,77351	12,97	0,39248619
204	2	4000	2	4100	2	2007-08	0,5605	4,608	98	50	6,4	1148	62,87	0,42	23,00	23,20	0,20	0,77411	23,77	0,32960309

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
205	2	4100	2	4200	2	2007-08	0,4885	5,025	98	50	6,6	1148	62,87	0,42	19,40	20,40	1,00	0,76263	20,16	0,0563453
206	2	4200	2	4300	2	2007-08	0,396	5,736	98	50	6,5	1148	62,87	0,42	17,60	20,60	3,00	0,767	18,37	4,98628628
207	2	4300	2	4400	2	2007-08	0,4865	5,038	98	50	6,4	1148	62,87	0,42	20,20	20,80	0,60	0,77338	20,97	0,0300616
208	2	4400	2	4500	2	2007-08	0,606	4,387	98	50	6,4	1148	62,87	0,42	23,40	27,00	3,60	0,77454	24,17	7,98319745
209	2	4500	2	4600	2	2007-08	0,543	4,701	98	50	6,4	1148	62,87	0,42	17,60	18,80	1,20	0,77394	18,37	0,18152615
210	2	4600	2	4700	2	2007-08	0,463	5,198	98	50	6,3	1148	62,87	0,42	16,00	16,80	0,80	0,77872	16,78	0,00045289
214	2	5000	2	5100	2	2007-08	0,435	5,406	98	50	6,5	1148	62,87	0,42	15,80	16,80	1,00	0,76741	16,57	0,05409812
217	2	5300	2	5400	2	2007-08	0,466	5,177	98	50	6,5	1148	62,87	0,42	13,40	14,80	1,40	0,76773	14,17	0,39976788
221	2	5700	2	5800	2	2007-08	0,477	5,101	98	50	6,3	1148	62,87	0,42	12,40	13,60	1,20	0,77886	13,18	0,17735835
242	2	7800	2	7900	2	2007-08	0,479	5,088	98	50	6,6	1619	88,63	0,59	31,00	35,60	4,60	1,07255	32,07	12,4429089
243	2	7900	2	8000	2	2007-08	0,3675	6,012	98	50	6,7	1619	88,63	0,59	17,00	19,20	2,20	1,06399	18,06	1,29051078
244	2	8000	2	8100	2	2007-08	0,3745	5,941	98	50	6,4	1619	88,63	0,59	24,80	29,20	4,40	1,08661	25,89	10,9785659
245	2	8100	2	8200	2	2007-08	0,2595	7,486	98	50	6,0	1619	88,63	0,59	20,00	20,80	0,80	1,11782	21,12	0,10100884
247	2	8300	2	8400	2	2007-08	0,4475	5,311	98	50	6,1	1619	88,63	0,59	19,80	26,80	7,00	1,11154	20,91	34,6739643
248	2	8400	2	8500	2	2007-08	0,3025	6,797	98	50	6,7	1619	88,63	0,59	12,20	14,80	2,60	1,06324	13,26	2,36163037
249	2	8500	2	8600	2	2007-08	0,404	5,664	98	50	6,8	1619	88,63	0,59	20,40	21,00	0,60	1,05721	21,46	0,20904336
250	2	8600	2	8700	2	2007-08	0,303	6,790	98	50	6,8	1619	88,63	0,59	23,80	27,60	3,80	1,05606	24,86	7,52921183
251	2	8700	2	8800	2	2007-08	0,4365	5,395	98	50	6,1	1619	88,63	0,59	14,00	18,40	4,40	1,11142	15,11	10,8147459
252	2	8800	2	8900	2	2007-08	0,4885	5,025	98	50	6,3	1619	88,63	0,59	18,40	19,00	0,60	1,0957	19,50	0,24571494
253	2	8900	2	9000	2	2007-08	0,4145	5,573	98	50	6,8	1619	88,63	0,59	14,60	16,80	2,20	1,05733	15,66	1,30570038
254	2	9000	2	9100	2	2007-08	0,3915	5,777	98	50	6,1	1619	88,63	0,59	17,80	18,60	0,80	1,11093	18,91	0,096678
255	2	9100	2	9200	2	2007-08	0,3435	6,274	98	50	6,2	1619	88,63	0,59	14,60	15,20	0,60	1,10216	15,70	0,25216024
256	2	9200	2	9300	2	2007-08	0,4265	5,474	98	50	6,6	1619	88,63	0,59	23,40	24,60	1,20	1,07199	24,47	0,01638641
257	2	9300	2	9400	2	2007-08	0,264	7,405	98	50	6,2	1619	88,63	0,59	19,00	21,60	2,60	1,10121	20,10	2,24637699
259	2	9500	2	9600	2	2007-08	0,407	5,638	98	50	6,2	1619	88,63	0,59	45,40	46,40	1,00	1,10287	46,50	0,01058186
260	2	9600	2	9700	2	2007-08	0,3935	5,759	98	50	6,2	1619	88,63	0,59	41,60	48,00	6,40	1,10272	42,70	28,0611812
262	2	9800	2	9900	2	2007-08	0,569	4,565	98	50	6,2	1619	88,63	0,59	22,60	27,00	4,40	1,10456	23,70	10,8599354
265	2	10100	2	10200	2	2007-08	0,5375	4,732	98	50	6,7	395	21,64	0,14	29,80	36,00	6,20	0,2649	30,06	35,2254252
266	2	10200	2	10300	2	2007-08	0,478	5,095	98	50	6,2	395	21,64	0,14	29,60	33,40	3,80	0,27376	29,87	12,4343731

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
268	2	10400	2	10500	2	2007-08	0,633	4,268	98	50	6,2	395	21,64	0,14	24,20	28,40	4,20	0,27509	24,48	15,4048876
270	2	10600	2	10700	2	2007-08	0,594	4,443	98	50	7,1	395	21,64	0,14	9,00	9,40	0,40	0,25858	9,26	0,01999938
272	2	10800	2	10900	2	2007-08	0,894	3,434	98	50	7,2	395	21,64	0,14	27,00	28,00	1,00	0,25935	27,26	0,54856345
282	2	11800	2	11900	2	2007-08	1,0925	3,027	98	50	5,6	395	21,64	0,14	16,60	16,67	0,07	0,29144	16,89	0,0505212
283	2	11900	2	12000	2	2007-08	0,6795	4,082	98	50	5,5	395	21,64	0,14	18,20	18,50	0,30	0,29065	18,49	8,7476E-05
284	2	12000	2	12100	2	2007-08	1,0405	3,121	98	50	5,5	395	21,64	0,14	22,20	31,20	9,00	0,2934	22,49	75,8048943
286	2	12200	2	12300	2	2007-08	0,629	4,285	98	50	5,4	395	21,64	0,14	8,80	12,80	4,00	0,29263	9,09	13,7445862
287	2	12300	2	12400	2	2007-08	0,721	3,932	98	50	5,6	395	21,64	0,14	10,40	15,60	5,20	0,28865	10,69	24,1213993
289	2	12500	2	12600	2	2007-08	0,5705	4,557	98	50	5,5	395	21,64	0,14	12,20	18,00	5,80	0,28974	12,49	30,362966
295	2	13100	2	13200	2	2007-08	0,761	3,801	98	50	5,3	395	21,64	0,14	17,40	17,60	0,20	0,29616	17,70	0,009247
296	2	13200	2	13350	2	2007-08	0,7007	4,004	98	50	5,3	395	21,64	0,14	6,00	8,43	2,43	0,29568	6,30	4,54922147
1	1	500	1	600	1	2008- 09	0,3336	6,390	98	50	7,5	6463	353,88	2,36	7,67	7,86	0,19	4,01773	11,68	14,6260459
2	1	600	1	700	1	2008- 09	0,3763	5,924	98	50	7,2	6463	353,88	2,36	7,40	9,40	2,00	4,09434	11,49	4,38626067
3	1	700	1	800	1	2008- 09	0,4534	5,267	98	50	7,1	6463	353,88	2,36	8,80	11,02	2,22	4,1217	12,92	3,61647324
4	1	800	1	900	1	2008- 09	0,3901	5,791	98	50	7,1	6463	353,88	2,36	8,20	9,00	0,80	4,1209	12,32	11,0283886
11	1	1500	1	1600	1	2008- 09	0,4323	5,427	98	50	7,0	6463	353,88	2,36	8,80	9,04	0,24	4,14837	12,95	15,275363
16	1	500	1	600	2	2008- 09	0,3032	6,787	98	50	7,5	6463	353,88	2,36	7,40	9,38	1,98	4,01732	11,42	4,15066773
17	1	600	1	700	2	2008- 09	0,4349	5,407	98	50	7,2	6463	353,88	2,36	9,00	9,06	0,06	4,09509	13,10	16,2819552
20	1	900	1	1000	2	2008- 09	0,4489	5,300	98	50	7,0	6463	353,88	2,36	9,00	10,26	1,26	4,14858	13,15	8,34388357
21	1	1000	1	1100	2	2008- 09	0,3816	5,871	98	50	7,1	6463	353,88	2,36	8,83	8,94	0,11	4,12079	12,95	16,1132043
22	1	1100	1	1200	2	2008- 09	0,283	7,088	98	50	7,2	6463	353,88	2,36	8,40	9,58	1,18	4,09308	12,49	8,48600769
24	1	1300	1	1400	2	2008- 09	0,4266	5,473	98	50	7,2	6463	353,88	2,36	7,00	7,44	0,44	4,09499	11,09	13,3589242
25	1	1400	1	1500	2	2008- 09	0,5146	4,863	98	50	7,0	6463	353,88	2,36	7,60	8,24	0,64	4,14938	11,75	12,3157307
26	1	1500	1	1600	2	2008- 09	0,3988	5,711	98	50	7,0	6463	353,88	2,36	9,00	9,26	0,26	4,14795	13,15	15,1161168
27	1	1600	1	1700	2	2008- 09	0,3843	5,845	98	50	7,0	6463	353,88	2,36	8,40	8,58	0,18	4,14776	12,55	15,7431029
28	1	1700	1	1800	2	2008- 09	0,3931	5,762	98	50	7,2	6463	353,88	2,36	9,20	10,02	0,82	4,09456	13,29	10,722739
29	1	1800	1	1900	2	2008- 09	0,4281	5,461	98	50	6,9	6463	353,88	2,36	8,00	8,28	0,28	4,17582	12,18	15,1773799
30	1	1900	1	2000	2	2008- 09	0,3724	5,962	98	50	6,9	6463	353,88	2,36	7,00	7,16	0,16	4,1751	11,18	16,1210364
31	2	0	2	100	1	2008- 09	0,4477	5,309	98	50	7,0	4735	259,23	1,73	12,80	13,32	0,52	3,0408	15,84	6,37126169

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
32	2	100	2	200	1	2008- 09	0,4065	5,642	98	50	6,8	4735	259,23	1,73	14,00	15,48	1,48	3,08102	17,08	2,56326294
35	2	400	2	500	1	2008- 09	0,493	4,996	98	50	6,8	4735	259,23	1,73	11,80	12,40	0,60	3,08206	14,88	6,16060899
45	2	1400	2	1500	1	2008- 09	0,417	5,552	98	50	7,1	2574	140,92	0,94	12,20	12,38	0,18	1,64487	13,84	2,14584789
46	2	1500	2	1600	1	2008- 09	0,4905	5,012	98	50	6,9	2574	140,92	0,94	12,80	12,88	0,08	1,66737	14,47	2,51973851
48	2	1700	2	1800	1	2008- 09	0,4365	5,395	98	50	6,5	2574	140,92	0,94	13,80	14,60	0,80	1,713	15,51	0,83356627
51	2	2000	2	2100	1	2008- 09	0,5015	4,943	98	50	6,8	2574	140,92	0,94	12,00	13,42	1,42	1,67867	13,68	0,06691166
52	2	2100	2	2200	1	2008- 09	0,4685	5,159	98	50	6,9	2574	140,92	0,94	14,00	14,14	0,14	1,66713	15,67	2,33211404
55	2	2400	2	2500	1	2008- 09	0,4995	4,955	98	50	6,9	2574	140,92	0,94	13,60	13,92	0,32	1,66747	15,27	1,81566645
57	2	2600	2	2700	1	2008- 09	0,473	5,128	98	50	6,9	2574	140,92	0,94	12,20	12,46	0,26	1,66718	13,87	1,98014401
59	2	2800	2	2900	1	2008- 09	0,4125	5,590	98	50	6,8	3265	178,78	1,19	15,20	15,56	0,36	2,1268	17,33	3,12158166
63	2	3200	2	3300	1	2008- 09	0,4015	5,686	98	50	8,2	3265	178,78	1,19	26,60	28,20	1,60	1,95174	28,55	0,12372046
64	2	3300	2	3400	1	2008- 09	0,3435	6,274	98	50	6,4	3265	178,78	1,19	26,20	29,46	3,26	2,18592	28,39	1,15365004
66	2	3500	2	3600	1	2008- 09	0,405	5,655	98	50	6,9	3265	178,78	1,19	19,60	21,48	1,88	2,11252	21,71	0,05406644
69	2	3800	2	3900	1	2008- 09	0,445	5,329	98	50	6,4	1172	64,15	0,43	12,40	14,26	1,86	0,78862	13,19	1,14785567
70	2	3900	2	4000	1	2008- 09	0,5055	4,918	98	50	6,4	1172	64,15	0,43	14,00	16,60	2,60	0,78923	14,79	3,27887857
75	2	4400	2	4500	1	2008- 09	0,5395	4,721	98	50	6,4	1172	64,15	0,43	17,80	21,20	3,40	0,78957	18,59	6,81435583
76	2	4500	2	4600	1	2008- 09	0,5105	4,888	98	50	6,4	1172	64,15	0,43	19,20	23,24	4,04	0,78928	19,99	10,5671656
80	2	4900	2	5000	1	2008- 09	0,3725	5,961	98	50	7,0	1172	64,15	0,43	21,40	22,10	0,70	0,75626	22,16	0,00316566
82	2	5100	2	5200	1	2008- 09	0,4245	5,490	98	50	6,4	1172	64,15	0,43	10,00	11,74	1,74	0,78841	10,79	0,90552955
83	2	5200	2	5300	1	2008- 09	0,4035	5,669	98	50	6,6	1172	64,15	0,43	13,40	17,04	3,64	0,77719	14,18	8,19567356
85	2	5400	2	5500	1	2008- 09	0,408	5,629	98	50	6,3	1172	64,15	0,43	15,60	15,82	0,22	0,79392	16,39	0,32938484
108	2	7700	2	7800	1	2008- 09	0,337	6,350	98	50	7,4	1652	90,44	0,60	16,60	25,94	9,34	1,037	17,64	68,9397277
110	2	7900	2	8000	1	2008- 09	0,3545	6,150	98	50	6,7	1652	90,44	0,60	20,80	22,80	2,00	1,08545	21,89	0,8363927
112	2	8100	2	8200	1	2008- 09	0,351	6,189	98	50	6,0	1652	90,44	0,60	18,60	23,02	4,42	1,14164	19,74	10,7476348
114	2	8300	2	8400	1	2008- 09	0,364	6,049	98	50	6,1	1652	90,44	0,60	20,80	23,42	2,62	1,13318	21,93	2,21062041
115	2	8400	2	8500	1	2008- 09	0,3915	5,777	98	50	6,7	1652	90,44	0,60	20,80	21,40	0,60	1,08587	21,89	0,23607124
116	2	8500	2	8600	1	2008- 09	0,414	5,578	98	50	6,8	1652	90,44	0,60	15,00	22,52	7,52	1,07879	16,08	41,4892415
118	2	8700	2	8800	1	2008- 09	0,445	5,329	98	50	6,1	1652	90,44	0,60	20,60	20,74	0,14	1,13408	21,73	0,98818813
120	2	8900	2	9000	1	2008- 09	0,383	5,858	98	50	6,8	1652	90,44	0,60	16,60	27,94	11,34	1,07844	17,68	105,299551

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
121	2	9000	2	9100	1	2008- 09	0,4385	5,379	98	50	6,1	1652	90,44	0,60	40,40	44,80	4,40	1,13401	41,53	10,666712
125	2	9400	2	9500	1	2008- 09	0,476	5,108	98	50	6,2	1652	90,44	0,60	18,60	23,74	5,14	1,126	19,73	16,1121647
128	2	9700	2	9800	1	2008- 09	0,4705	5,146	98	50	6,2	1652	90,44	0,60	23,40	25,08	1,68	1,12595	24,53	0,30697585
131	2	10000	2	10100	1	2008- 09	0,366	6,028	98	50	6,1	403	22,08	0,15	21,00	26,80	5,80	0,28025	21,28	30,4676948
132	2	10100	2	10200	1	2008- 09	0,411	5,603	98	50	6,7	403	22,08	0,15	22,80	22,88	0,08	0,26905	23,07	0,03573825
133	2	10200	2	10300	1	2008- 09	0,5295	4,777	98	50	6,2	403	22,08	0,15	21,20	28,16	6,96	0,27969	21,48	44,6264874
134	2	10300	2	10400	1	2008- 09	0,5605	4,608	98	50	6,2	403	22,08	0,15	31,00	42,06	11,06	0,27996	31,28	116,209204
137	2	10600	2	10700	1	2008- 09	0,917	3,380	98	50	7,1	403	22,08	0,15	9,60	11,42	1,82	0,26629	9,87	2,41401131
138	2	10700	2	10800	1	2008- 09	0,539	4,723	98	50	6,5	403	22,08	0,15	11,40	12,40	1,00	0,2739	11,67	0,52721915
139	2	10800	2	10900	1	2008- 09	1,147	2,935	98	50	7,2	403	22,08	0,15	11,60	15,30	3,70	0,26631	11,87	11,7902214
140	2	10900	2	11000	1	2008- 09	0,7825	3,735	98	50	7,2	403	22,08	0,15	15,00	18,94	3,94	0,26362	15,26	13,5158003
142	2	11100	2	11200	1	2008- 09	0,634	4,264	98	50	7,3	403	22,08	0,15	14,80	15,50	0,70	0,26081	15,06	0,19289101
144	2	11300	2	11400	1	2008- 09	0,6635	4,144	98	50	7,4	403	22,08	0,15	7,20	8,80	1,60	0,25947	7,46	1,7970251
145	2	11400	2	11500	1	2008- 09	1,108	3,000	98	50	7,4	403	22,08	0,15	19,20	31,28	12,08	0,26284	19,46	139,645256
146	2	11500	2	11600	1	2008- 09	1,0345	3,132	98	50	7,4	403	22,08	0,15	17,60	22,36	4,76	0,26231	17,86	20,2291785
147	2	11600	2	11700	1	2008- 09	0,809	3,657	98	50	5,9	403	22,08	0,15	16,20	22,00	5,80	0,28829	16,49	30,3789269
148	2	11700	2	11800	1	2008- 09	0,7875	3,720	98	50	5,6	403	22,08	0,15	17,80	23,06	5,26	0,29492	18,09	24,6520526
149	2	11800	2	11900	1	2008- 09	0,965	3,273	98	50	5,6	403	22,08	0,15	13,80	21,78	7,98	0,29626	14,10	59,0398145
150	2	11900	2	12000	1	2008- 09	0,736	3,882	98	50	5,5	403	22,08	0,15	17,00	24,04	7,04	0,29689	17,30	45,469481
151	2	12000	2	12100	1	2008- 09	1,0225	3,155	98	50	5,5	403	22,08	0,15	17,60	33,02	15,42	0,29907	17,90	228,642615
152	2	12100	2	12200	1	2008- 09	0,869	3,496	98	50	5,5	403	22,08	0,15	18,00	22,24	4,24	0,29793	18,30	15,5399339
153	2	12200	2	12300	1	2008- 09	0,825	3,612	98	50	5,4	403	22,08	0,15	11,80	13,80	2,00	0,30004	12,10	2,88986956
154	2	12300	2	12400	1	2008- 09	0,7855	3,726	98	50	5,6	403	22,08	0,15	14,20	17,80	3,60	0,2949	14,49	10,9236792
155	2	12400	2	12500	1	2008- 09	0,67	4,118	98	50	5,7	403	22,08	0,15	13,80	15,82	2,02	0,29166	14,09	2,98717241
156	2	12500	2	12600	1	2008- 09	0,8155	3,639	98	50	5,5	403	22,08	0,15	12,20	14,82	2,62	0,29752	12,50	5,39392453
157	2	12600	2	12700	1	2008- 09	0,582	4,500	98	50	6,6	403	22,08	0,15	9,20	17,04	7,84	0,2724	9,47	57,268571
158	2	12700	2	12800	1	2008- 09	0,6705	4,116	98	50	5,7	403	22,08	0,15	8,00	11,88	3,88	0,29166	8,29	12,8761821
159	2	12800	2	12900	1	2008- 09	0,6965	4,019	98	50	5,5	403	22,08	0,15	8,20	17,10	8,90	0,29658	8,50	74,0188895
160	2	12900	2	13000	1	2008- 09	0,6925	4,034	98	50	5,3	403	22,08	0,15	9,80	17,68	7,88	0,30151	10,10	57,4335654

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
161	2	13000	2	13100	1	2008- 09	0,618	4,333	98	50	5,3	403	22,08	0,15	6,00	13,10	7,10	0,30089	6,30	46,2278513
162	2	13100	2	13200	1	2008- 09	0,758	3,810	98	50	5,3	403	22,08	0,15	9,00	13,36	4,36	0,30203	9,30	16,4671193
164	2	0	2	100	2	2008- 09	0,568	4,570	98	50	7,0	4735	259,23	1,73	11,80	12,46	0,66	3,0422	14,84	5,67486924
165	2	100	2	200	2	2008- 09	0,3825	5,863	98	50	6,8	4735	259,23	1,73	14,00	14,60	0,60	3,08072	17,08	6,15397489
166	2	200	2	300	2	2008- 09	0,4165	5,556	98	50	7,3	4735	259,23	1,73	14,20	15,42	1,22	2,98243	17,18	3,1061673
167	2	300	2	400	2	2008- 09	0,259	7,495	98	50	7,5	4735	259,23	1,73	12,80	14,14	1,34	2,94361	15,74	2,57157714
169	2	500	2	600	2	2008- 09	0,393	5,763	98	50	7,4	4735	259,23	1,73	11,00	11,02	0,02	2,96358	13,96	8,66465511
170	2	600	2	700	2	2008- 09	0,321	6,547	98	50	7,6	4735	259,23	1,73	11,60	11,88	0,28	2,92661	14,53	7,00452453
171	2	700	2	800	2	2008- 09	0,5055	4,918	98	50	6,9	4735	259,23	1,73	12,60	13,34	0,74	3,06163	15,66	5,38995951
174	2	1000	2	1100	2	2008- 09	0,4805	5,078	98	50	7,1	4735	259,23	1,73	10,20	10,62	0,42	3,02147	13,22	6,76762073
175	2	1100	2	1200	2	2008- 09	0,5125	4,876	98	50	7,2	4735	259,23	1,73	13,80	15,96	2,16	3,00251	16,80	0,7098268
176	2	1200	2	1300	2	2008- 09	0,4425	5,348	98	50	7,2	4735	259,23	1,73	12,00	12,56	0,56	3,00169	15,00	5,96183241
177	2	1300	2	1400	2	2008- 09	0,596	4,433	98	50	7,2	4735	259,23	1,73	10,80	11,76	0,96	3,00346	13,80	4,17571553
178	2	1400	2	1500	2	2008- 09	0,469	5,156	98	50	7,1	2574	140,92	0,94	12,80	13,32	0,52	1,64546	14,45	1,26665379
179	2	1500	2	1600	2	2008- 09	0,4775	5,098	98	50	6,9	2574	140,92	0,94	11,40	11,82	0,42	1,66723	13,07	1,55557168
180	2	1600	2	1700	2	2008- 09	0,489	5,022	98	50	6,7	2574	140,92	0,94	12,20	15,96	3,76	1,68996	13,89	4,28505061
183	2	1900	2	2000	2	2008- 09	0,5575	4,624	98	50	6,8	2574	140,92	0,94	14,40	15,82	1,42	1,67927	16,08	0,06722241
185	2	2100	2	2200	2	2008- 09	0,404	5,664	98	50	6,9	2574	140,92	0,94	14,00	14,52	0,52	1,6664	15,67	1,31422411
186	2	2200	2	2300	2	2008- 09	0,439	5,375	98	50	6,9	2574	140,92	0,94	12,60	14,44	1,84	1,6668	14,27	0,02999963
189	2	2500	2	2600	2	2008- 09	0,4045	5,660	98	50	7,0	2574	140,92	0,94	13,80	14,42	0,62	1,65545	15,46	1,07216016
190	2	2600	2	2700	2	2008- 09	0,3895	5,796	98	50	6,9	2574	140,92	0,94	13,20	13,90	0,70	1,66623	14,87	0,93359588
191	2	2700	2	2800	2	2008- 09	0,432	5,430	98	50	7,0	2574	140,92	0,94	10,80	12,00	1,20	1,65577	12,46	0,20772311
192	2	2800	2	2900	2	2008- 09	0,447	5,314	98	50	6,8	3265	178,78	1,19	18,60	19,96	1,36	2,1272	20,73	0,58859925
195	2	3100	2	3200	2	2008- 09	0,419	5,535	98	50	8,2	3265	178,78	1,19	22,20	22,38	0,18	1,95195	24,15	3,13979252
196	2	3200	2	3300	2	2008- 09	0,4375	5,387	98	50	8,2	3265	178,78	1,19	27,40	28,84	1,44	1,95216	29,35	0,26230985
197	2	3300	2	3400	2	2008- 09	0,32	6,560	98	50	6,4	3265	178,78	1,19	23,40	25,00	1,60	2,18562	25,59	0,34295565
199	2	3500	2	3600	2	2008- 09	0,3875	5,815	98	50	6,9	3265	178,78	1,19	26,00	27,06	1,06	2,11231	28,11	1,10736285
200	2	3600	2	3700	2	2008- 09	0,5395	4,721	98	50	6,4	1172	64,15	0,43	23,00	24,16	1,16	0,78957	23,79	0,13721995
204	2	4000	2	4100	2	2008- 09	0,5605	4,608	98	50	6,4	1172	64,15	0,43	23,20	23,98	0,78	0,78977	23,99	9,5492E-05

No	From		Til		Lane	Season ("year 1"- "year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
205	2	4100	2	4200	2	2008- 09	0,4885	5,025	98	50	6,6	1172	64,15	0,43	20,40	21,04	0,64	0,77807	21,18	0,01906282
209	2	4500	2	4600	2	2008- 09	0,543	4,701	98	50	6,4	1172	64,15	0,43	18,80	19,38	0,58	0,7896	19,59	0,04393302
210	2	4600	2	4700	2	2008- 09	0,463	5,198	98	50	6,3	1172	64,15	0,43	16,80	17,14	0,34	0,79449	17,59	0,20656263
212	2	4800	2	4900	2	2008- 09	0,482	5,068	98	50	7,3	1172	64,15	0,43	18,00	20,86	2,86	0,74306	18,74	4,48144754
215	2	5100	2	5200	2	2008- 09	0,43	5,446	98	50	6,4	1172	64,15	0,43	21,00	21,90	0,90	0,78846	21,79	0,01244023
244	2	8000	2	8100	2	2008- 09	0,3745	5,941	98	50	6,4	1652	90,44	0,60	29,20	31,58	2,38	1,10868	30,31	1,61626126
245	2	8100	2	8200	2	2008- 09	0,2595	7,486	98	50	6,0	1652	90,44	0,60	20,80	22,24	1,44	1,14055	21,94	0,08967046
246	2	8200	2	8300	2	2008- 09	0,371	5,976	98	50	6,9	1652	90,44	0,60	25,00	34,74	9,74	1,07113	26,07	75,1493027
249	2	8500	2	8600	2	2008- 09	0,404	5,664	98	50	6,8	1652	90,44	0,60	21,00	22,34	1,34	1,07868	22,08	0,06829024
252	2	8800	2	8900	2	2008- 09	0,4885	5,025	98	50	6,3	1652	90,44	0,60	19,00	21,78	2,78	1,11793	20,12	2,76248073
253	2	8900	2	9000	2	2008- 09	0,4145	5,573	98	50	6,8	1652	90,44	0,60	16,80	18,88	2,08	1,07879	17,88	1,0024191
257	2	9300	2	9400	2	2008- 09	0,264	7,405	98	50	6,2	1652	90,44	0,60	21,60	21,78	0,18	1,1236	22,72	0,8903791
258	2	9400	2	9500	2	2008- 09	0,3535	6,161	98	50	6,2	1652	90,44	0,60	30,80	40,86	10,06	1,12466	31,92	79,8402413
259	2	9500	2	9600	2	2008- 09	0,407	5,638	98	50	6,2	1652	90,44	0,60	46,40	52,56	6,16	1,12526	47,53	25,3485797
261	2	9700	2	9800	2	2008- 09	0,3725	5,961	98	50	6,2	1652	90,44	0,60	41,20	49,02	7,82	1,12488	42,32	44,824646
262	2	9800	2	9900	2	2008- 09	0,569	4,565	98	50	6,2	1652	90,44	0,60	27,00	30,93	3,93	1,12696	28,13	7,87574979
263	2	9900	2	10000	2	2008- 09	0,6005	4,413	98	50	6,1	403	22,08	0,15	17,40	26,08	8,68	0,28235	17,68	70,5204448
264	2	10000	2	10100	2	2008- 09	0,4405	5,364	98	50	6,1	403	22,08	0,15	20,20	21,18	0,98	0,28095	20,48	0,48867343
265	2	10100	2	10200	2	2008- 09	0,5375	4,732	98	50	6,7	403	22,08	0,15	36,00	43,96	7,96	0,27019	36,27	59,133226
267	2	10300	2	10400	2	2008- 09	0,806	3,666	98	50	6,2	403	22,08	0,15	16,20	23,58	7,38	0,28196	16,48	50,3821328
272	2	10800	2	10900	2	2008- 09	0,894	3,434	98	50	7,2	403	22,08	0,15	28,00	30,50	2,50	0,26447	28,26	4,9975858
291	2	12700	2	12800	2	2008- 09	0,625	4,303	98	50	5,7	403	22,08	0,15	11,80	12,34	0,54	0,29128	12,09	0,06185932
294	2	13000	2	13100	2	2008- 09	0,8415	3,568	98	50	5,3	403	22,08	0,15	9,80	10,74	0,94	0,30268	10,10	0,40617715
1	1	500	1	600	1	2009-10	0,3336	6,390	98	50	7,5	6595	361,10	2,41	7,86	10,82	2,96	4,09962	11,96	1,30633147
2	1	600	1	700	1	2009-10	0,3763	5,924	98	50	7,2	6595	361,10	2,41	9,40	12,92	3,52	4,17777	13,58	0,43266635
3	1	700	1	800	1	2009-10	0,4534	5,267	98	50	7,1	6595	361,10	2,41	11,02	13,70	2,68	4,20568	15,23	2,32769016
4	1	800	1	900	1	2009-10	0,3901	5,791	98	50	7,1	6595	361,10	2,41	9,00	11,32	2,32	4,20487	13,20	3,55275083
5	1	900	1	1000	1	2009-10	0,4174	5,548	98	50	7,0	6595	361,10	2,41	7,14	8,68	1,54	4,23271	11,37	7,25066451
6	1	1000	1	1100	1	2009-10	0,4216	5,514	98	50	7,1	6595	361,10	2,41	5,76	8,34	2,58	4,20528	9,97	2,6415294

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
7	1	1100	1	1200	1	2009-10	0,4673	5,168	98	50	7,2	6595	361,10	2,41	8,20	10,80	2,60	4,17893	12,38	2,49301133
8	1	1200	1	1300	1	2009-10	0,4567	5,243	98	50	7,2	6595	361,10	2,41	8,34	10,58	2,24	4,1788	12,52	3,7589339
9	1	1300	1	1400	1	2009-10	0,4559	5,249	98	50	7,2	6595	361,10	2,41	8,14	10,44	2,30	4,17879	12,32	3,52984101
10	1	1400	1	1500	1	2009-10	0,3896	5,795	98	50	7,0	6595	361,10	2,41	9,16	12,30	3,14	4,23235	13,39	1,19322542
11	1	1500	1	1600	1	2009-10	0,4323	5,427	98	50	7,0	6595	361,10	2,41	9,04	12,02	2,98	4,23289	13,27	1,56974373
12	1	1600	1	1700	1	2009-10	0,4303	5,443	98	50	7,0	6595	361,10	2,41	10,40	13,10	2,70	4,23287	14,63	2,34968534
13	1	1700	1	1800	1	2009-10	0,4672	5,168	98	50	7,2	6595	361,10	2,41	7,94	9,46	1,52	4,17893	12,12	7,06989097
14	1	1800	1	1900	1	2009-10	0,4343	5,412	98	50	6,9	6595	361,10	2,41	7,22	8,80	1,58	4,26098	11,48	7,18763995
15	1	1900	1	2000	1	2009-10	0,4576	5,236	98	50	6,9	6595	361,10	2,41	7,60	10,40	2,80	4,26127	11,86	2,13530772
16	1	500	1	600	2	2009-10	0,3032	6,787	98	50	7,5	6595	361,10	2,41	9,38	12,30	2,92	4,0992	13,48	1,39050882
17	1	600	1	700	2	2009-10	0,4349	5,407	98	50	7,2	6595	361,10	2,41	9,06	11,56	2,50	4,17853	13,24	2,81744882
18	1	700	1	800	2	2009-10	0,4375	5,387	98	50	7,1	6595	361,10	2,41	7,98	10,70	2,72	4,20548	12,19	2,20664674
19	1	800	1	900	2	2009-10	0,3811	5,876	98	50	7,1	6595	361,10	2,41	8,84	11,64	2,80	4,20476	13,04	1,9733449
20	1	900	1	1000	2	2009-10	0,4489	5,300	98	50	7,0	6595	361,10	2,41	10,26	13,32	3,06	4,2331	14,49	1,37616791
21	1	1000	1	1100	2	2009-10	0,3816	5,871	98	50	7,1	6595	361,10	2,41	8,94	11,54	2,60	4,20476	13,14	2,57526899
22	1	1100	1	1200	2	2009-10	0,283	7,088	98	50	7,2	6595	361,10	2,41	9,58	12,10	2,52	4,17651	13,76	2,74401251
23	1	1200	1	1300	2	2009-10	0,4523	5,275	98	50	7,2	6595	361,10	2,41	7,52	10,46	2,94	4,17874	11,70	1,53448286
24	1	1300	1	1400	2	2009-10	0,4266	5,473	98	50	7,2	6595	361,10	2,41	7,44	10,34	2,90	4,17842	11,62	1,63436097
25	1	1400	1	1500	2	2009-10	0,5146	4,863	98	50	7,0	6595	361,10	2,41	8,24	11,22	2,98	4,2339	12,47	1,5722728
26	1	1500	1	1600	2	2009-10	0,3988	5,711	98	50	7,0	6595	361,10	2,41	9,26	11,88	2,62	4,23247	13,49	2,60005098
27	1	1600	1	1700	2	2009-10	0,3843	5,845	98	50	7,0	6595	361,10	2,41	8,58	11,48	2,90	4,23228	12,81	1,77496946
28	1	1700	1	1800	2	2009-10	0,3931	5,762	98	50	7,2	6595	361,10	2,41	10,02	12,54	2,52	4,17799	14,20	2,74894237
29	1	1800	1	1900	2	2009-10	0,4281	5,461	98	50	6,9	6595	361,10	2,41	8,28	11,20	2,92	4,2609	12,54	1,79801283
30	1	1900	1	2000	2	2009-10	0,3724	5,962	98	50	6,9	6595	361,10	2,41	7,16	10,00	2,84	4,26018	11,42	2,01692196
31	2	0	2	100	1	2009-10	0,4477	5,309	98	50	7,0	4831	264,52	1,76	13,32	15,40	2,08	3,10272	16,42	1,03915646
32	2	100	2	200	1	2009-10	0,4065	5,642	98	50	6,8	4831	264,52	1,76	15,48	18,02	2,54	3,14377	18,62	0,36453855
33	2	200	2	300	1	2009-10	0,371	5,976	98	50	7,3	4831	264,52	1,76	12,94	14,22	1,28	3,0426	15,98	3,10676224
34	2	300	2	400	1	2009-10	0,349	6,211	98	50	7,5	4831	264,52	1,76	10,78	12,66	1,88	3,00481	13,78	1,2651871
35	2	400	2	500	1	2009-10	0,493	4,996	98	50	6,8	4831	264,52	1,76	12,40	14,02	1,62	3,14481	15,54	2,32504754

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
36	2	500	2	600	1	2009-10	0,463	5,198	98	50	7,4	4831	264,52	1,76	7,84	9,14	1,30	3,02479	10,86	2,97489878
37	2	600	2	700	1	2009-10	0,587	4,476	98	50	7,6	4831	264,52	1,76	13,52	16,36	2,84	2,98943	16,51	0,02232986
38	2	700	2	800	1	2009-10	0,378	5,906	98	50	6,9	4831	264,52	1,76	10,84	11,70	0,86	3,12242	13,96	5,11854405
39	2	800	2	900	1	2009-10	0,3895	5,796	98	50	7,2	4831	264,52	1,76	8,86	11,04	2,18	3,06216	11,92	0,7782043
40	2	900	2	1000	1	2009-10	0,634	4,264	98	50	7,1	4831	264,52	1,76	11,18	13,92	2,74	3,08472	14,26	0,11883428
41	2	1000	2	1100	1	2009-10	0,547	4,680	98	50	7,1	4831	264,52	1,76	11,36	13,64	2,28	3,08375	14,44	0,64602147
42	2	1100	2	1200	1	2009-10	0,626	4,298	98	50	7,2	4831	264,52	1,76	12,24	14,28	2,04	3,06492	15,30	1,05045162
43	2	1200	2	1300	1	2009-10	0,583	4,496	98	50	7,2	4831	264,52	1,76	15,88	17,98	2,10	3,06444	18,94	0,93014416
44	2	1300	2	1400	1	2009-10	0,551	4,658	98	50	7,2	4831	264,52	1,76	12,70	14,74	2,04	3,06408	15,76	1,04873871
45	2	1400	2	1500	1	2009-10	0,417	5,552	98	50	7,1	2626	143,80	0,96	12,38	14,24	1,86	1,67832	14,06	0,03300794
46	2	1500	2	1600	1	2009-10	0,4905	5,012	98	50	6,9	2626	143,80	0,96	12,88	14,96	2,08	1,70126	14,58	0,14344367
47	2	1600	2	1700	1	2009-10	0,4435	5,341	98	50	6,7	2626	143,80	0,96	13,80	16,62	2,82	1,72381	15,52	1,20163105
48	2	1700	2	1800	1	2009-10	0,4365	5,395	98	50	6,5	2626	143,80	0,96	14,60	17,32	2,72	1,74783	16,35	0,94510935
49	2	1800	2	1900	1	2009-10	0,3905	5,787	98	50	6,9	2626	143,80	0,96	14,20	15,84	1,64	1,70013	15,90	0,00361547
50	2	1900	2	2000	1	2009-10	0,6215	4,318	98	50	6,8	2626	143,80	0,96	10,46	11,92	1,46	1,71406	12,17	0,06454722
51	2	2000	2	2100	1	2009-10	0,5015	4,943	98	50	6,8	2626	143,80	0,96	13,42	15,58	2,16	1,71279	15,13	0,19999374
52	2	2100	2	2200	1	2009-10	0,4685	5,159	98	50	6,9	2626	143,80	0,96	14,14	15,60	1,46	1,70102	15,84	0,05808945
53	2	2200	2	2300	1	2009-10	0,388	5,810	98	50	6,9	2626	143,80	0,96	10,76	11,92	1,16	1,7001	12,46	0,29170752
54	2	2300	2	2400	1	2009-10	0,441	5,360	98	50	6,9	2626	143,80	0,96	11,08	13,62	2,54	1,70071	12,78	0,7044088
55	2	2400	2	2500	1	2009-10	0,4995	4,955	98	50	6,9	2626	143,80	0,96	13,92	15,60	1,68	1,70136	15,62	0,0004562
56	2	2500	2	2600	1	2009-10	0,396	5,736	98	50	7,0	2626	143,80	0,96	11,48	12,44	0,96	1,68902	13,17	0,53146914
57	2	2600	2	2700	1	2009-10	0,473	5,128	98	50	6,9	2626	143,80	0,96	12,46	14,04	1,58	1,70107	14,16	0,01465733
58	2	2700	2	2800	1	2009-10	0,494	4,990	98	50	7,0	2626	143,80	0,96	10,74	12,06	1,32	1,69013	12,43	0,13699255
68	2	3700	2	3800	1	2009-10	0,4265	5,474	98	50	6,4	1196	65,46	0,44	12,70	13,00	0,30	0,80441	13,50	0,25442476
72	2	4100	2	4200	1	2009-10	0,422	5,511	98	50	6,6	1196	65,46	0,44	11,60	14,22	2,62	0,79314	12,39	3,3374196
73	2	4200	2	4300	1	2009-10	0,385	5,839	98	50	6,5	1196	65,46	0,44	12,62	13,10	0,48	0,79829	13,42	0,1013101
74	2	4300	2	4400	1	2009-10	0,3545	6,150	98	50	6,4	1196	65,46	0,44	8,38	11,50	3,12	0,80363	9,18	5,36555812
75	2	4400	2	4500	1	2009-10	0,5395	4,721	98	50	6,4	1196	65,46	0,44	21,20	27,32	6,12	0,80555	22,01	28,2433997
76	2	4500	2	4600	1	2009-10	0,5105	4,888	98	50	6,4	1196	65,46	0,44	23,24	24,22	0,98	0,80526	24,05	0,03053343

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
77	2	4600	2	4700	1	2009-10	0,4275	5,466	98	50	6,3	1196	65,46	0,44	17,94	20,18	2,24	0,81022	18,75	2,04427343
78	2	4700	2	4800	1	2009-10	0,42	5,527	98	50	7,5	1196	65,46	0,44	18,56	19,94	1,38	0,74818	19,31	0,39920141
79	2	4800	2	4900	1	2009-10	0,3615	6,075	98	50	7,3	1196	65,46	0,44	16,32	19,34	3,02	0,75683	17,08	5,12193009
80	2	4900	2	5000	1	2009-10	0,3725	5,961	98	50	7,0	1196	65,46	0,44	22,10	26,02	3,92	0,7716	22,87	9,91244886
81	2	5000	2	5100	1	2009-10	0,4245	5,490	98	50	6,5	1196	65,46	0,44	12,54	15,56	3,02	0,79871	13,34	4,93412029
82	2	5100	2	5200	1	2009-10	0,4245	5,490	98	50	6,4	1196	65,46	0,44	11,74	12,20	0,46	0,80438	12,54	0,11860062
83	2	5200	2	5300	1	2009-10	0,4035	5,669	98	50	6,6	1196	65,46	0,44	17,04	17,50	0,46	0,79294	17,83	0,11085172
84	2	5300	2	5400	1	2009-10	0,4135	5,582	98	50	6,5	1196	65,46	0,44	15,78	17,58	1,80	0,7986	16,58	1,0028093
85	2	5400	2	5500	1	2009-10	0,408	5,629	98	50	6,3	1196	65,46	0,44	15,82	17,30	1,48	0,81001	16,63	0,44888145
86	2	5500	2	5600	1	2009-10	0,45	5,292	98	50	6,4	1196	65,46	0,44	13,94	22,04	8,10	0,80465	14,74	53,2221404
87	2	5600	2	5700	1	2009-10	0,444	5,337	98	50	6,4	1196	65,46	0,44	12,90	15,26	2,36	0,80459	13,70	2,41930824
88	2	5700	2	5800	1	2009-10	0,395	5,745	98	50	6,3	1196	65,46	0,44	14,06	15,60	1,54	0,80988	14,87	0,53308184
89	2	5800	2	5900	1	2009-10	0,3595	6,096	98	50	6,4	1196	65,46	0,44	7,40	7,66	0,26	0,80369	8,20	0,29559618
90	2	5900	2	6000	1	2009-10	0,5025	4,937	98	50	6,4	1196	65,46	0,44	9,64	10,30	0,66	0,80518	10,45	0,02107783
91	2	6000	2	6100	1	2009-10	0,373	5,956	98	50	6,4	1196	65,46	0,44	6,83	12,32	5,49	0,80384	7,64	21,9289121
92	2	6100	2	6200	1	2009-10	0,3525	6,172	98	50	6,4	1196	65,46	0,44	8,48	8,64	0,16	0,80361	9,28	0,40782336
93	2	6200	2	6300	1	2009-10	0,45	5,292	98	50	6,2	1196	65,46	0,44	5,62	7,22	1,60	0,81639	6,44	0,61404143
94	2	6300	2	6400	1	2009-10	0,518	4,843	98	50	6,2	1196	65,46	0,44	5,70	6,56	0,86	0,81708	6,52	0,00184222
95	2	6400	2	6500	1	2009-10	0,4235	5,498	98	50	6,2	1196	65,46	0,44	5,36	6,90	1,54	0,81612	6,18	0,52400722
96	2	6500	2	6600	1	2009-10	0,4895	5,019	98	50	6,2	1196	65,46	0,44	4,98	7,40	2,42	0,81679	5,80	2,57026843
97	2	6600	2	6700	1	2009-10	0,416	5,561	98	50	6,2	1196	65,46	0,44	6,52	8,60	2,08	0,81604	7,34	1,59760062
98	2	6700	2	6800	1	2009-10	0,5685	4,567	98	50	6,2	1196	65,46	0,44	7,28	9,98	2,70	0,81757	8,10	3,54353293
99	2	6800	2	6900	1	2009-10	0,5755	4,532	98	50	6,2	1196	65,46	0,44	7,20	8,84	1,64	0,81764	8,02	0,67627592
100	2	6900	2	7000	1	2009-10	0,496	4,977	98	50	6,2	1352	74,04	0,49	5,84	8,76	2,92	0,92317	6,76	3,98731017
101	2	7000	2	7100	1	2009-10	0,423	5,502	98	50	6,2	1352	74,04	0,49	5,64	8,42	2,78	0,92242	6,56	3,45061663
102	2	7100	2	7200	1	2009-10	0,621	4,320	98	50	6,3	1352	74,04	0,49	4,34	7,64	3,30	0,91769	5,26	5,67541758
103	2	7200	2	7300	1	2009-10	0,521	4,825	98	50	6,8	1352	74,04	0,49	6,46	7,32	0,86	0,88531	7,35	0,00064079
104	2	7300	2	7400	1	2009-10	0,4745	5,118	98	50	7,0	1686	92,29	0,62	7,10	8,44	1,34	1,08684	8,19	0,06408922
105	2	7400	2	7500	1	2009-10	0,524	4,808	98	50	7,0	1686	92,29	0,62	8,22	11,38	3,16	1,08736	9,31	4,29585241

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
106	2	7500	2	7600	1	2009-10	0,3785	5,902	98	50	6,9	1686	92,29	0,62	7,00	11,34	4,34	1,09297	8,09	10,5432125
107	2	7600	2	7700	1	2009-10	0,528	4,785	98	50	7,0	1686	92,29	0,62	5,72	7,40	1,68	1,0874	6,81	0,35117813
119	2	8800	2	8900	1	2009-10	0,288	7,010	98	50	6,3	1686	92,29	0,62	6,38	6,98	0,60	1,13837	7,52	0,28984011
136	2	10500	2	10600	1	2009-10	0,7325	3,893	98	50	6,7	412	22,54	0,15	11,38	14,30	2,92	0,27721	11,66	6,9843549
139	2	10800	2	10900	1	2009-10	1,147	2,935	98	50	7,2	412	22,54	0,15	15,30	22,08	6,78	0,27154	15,57	42,3600295
140	2	10900	2	11000	1	2009-10	0,7825	3,735	98	50	7,2	412	22,54	0,15	18,94	20,52	1,58	0,26884	19,21	1,71913862
141	2	11000	2	11100	1	2009-10	1,0995	3,014	98	50	7,8	412	22,54	0,15	13,40	20,08	6,68	0,2618	13,66	41,1933487
142	2	11100	2	11200	1	2009-10	0,634	4,264	98	50	7,3	412	22,54	0,15	15,50	17,88	2,38	0,266	15,77	4,4690142
143	2	11200	2	11300	1	2009-10	0,584	4,491	98	50	7,2	412	22,54	0,15	9,26	11,80	2,54	0,26722	9,53	5,16552389
144	2	11300	2	11400	1	2009-10	0,6635	4,144	98	50	7,4	412	22,54	0,15	8,80	14,42	5,62	0,26463	9,06	28,6800317
145	2	11400	2	11500	1	2009-10	1,108	3,000	98	50	7,4	412	22,54	0,15	31,28	35,20	3,92	0,26801	31,55	13,3370626
146	2	11500	2	11600	1	2009-10	1,0345	3,132	98	50	7,4	412	22,54	0,15	22,36	27,30	4,94	0,26748	22,63	21,8324621
147	2	11600	2	11700	1	2009-10	0,809	3,657	98	50	5,9	412	22,54	0,15	22,00	23,78	1,78	0,29402	22,29	2,20814682
148	2	11700	2	11800	1	2009-10	0,7875	3,720	98	50	5,6	412	22,54	0,15	23,06	24,62	1,56	0,30078	23,36	1,58563599
150	2	11900	2	12000	1	2009-10	0,736	3,882	98	50	5,5	412	22,54	0,15	24,04	24,20	0,16	0,3028	24,34	0,02039313
151	2	12000	2	12100	1	2009-10	1,0225	3,155	98	50	5,5	412	22,54	0,15	33,02	35,26	2,24	0,30498	33,32	3,74429271
153	2	12200	2	12300	1	2009-10	0,825	3,612	98	50	5,4	412	22,54	0,15	13,80	18,12	4,32	0,306	14,11	16,1121916
154	2	12300	2	12400	1	2009-10	0,7855	3,726	98	50	5,6	412	22,54	0,15	17,80	20,74	2,94	0,30076	18,10	6,96556696
155	2	12400	2	12500	1	2009-10	0,67	4,118	98	50	5,7	412	22,54	0,15	15,82	24,22	8,40	0,29747	16,12	65,6509981
156	2	12500	2	12600	1	2009-10	0,8155	3,639	98	50	5,5	412	22,54	0,15	14,82	17,46	2,64	0,30343	15,12	5,4595609
157	2	12600	2	12700	1	2009-10	0,582	4,500	98	50	6,6	412	22,54	0,15	17,04	20,12	3,08	0,27783	17,32	7,85213569
158	2	12700	2	12800	1	2009-10	0,6705	4,116	98	50	5,7	412	22,54	0,15	11,88	21,00	9,12	0,29747	12,18	77,8369695
159	2	12800	2	12900	1	2009-10	0,6965	4,019	98	50	5,5	412	22,54	0,15	17,10	17,28	0,18	0,30249	17,40	0,01500303
160	2	12900	2	13000	1	2009-10	0,6925	4,034	98	50	5,3	412	22,54	0,15	17,68	18,44	0,76	0,30752	17,99	0,20474035
161	2	13000	2	13100	1	2009-10	0,618	4,333	98	50	5,3	412	22,54	0,15	13,10	13,50	0,40	0,3069	13,41	0,00866702
162	2	13100	2	13200	1	2009-10	0,758	3,810	98	50	5,3	412	22,54	0,15	13,36	14,48	1,12	0,30804	13,67	0,659275
163	2	13200	2	13350	1	2009-10	0,486	5,042	98	50	5,3	412	22,54	0,15	3,90	4,20	0,30	0,30576	4,21	3,3176E-05
164	2	0	2	100	2	2009-10	0,568	4,570	98	50	7,0	4831	264,52	1,76	12,46	14,50	2,04	3,10412	15,56	1,13235687
165	2	100	2	200	2	2009-10	0,3825	5,863	98	50	6,8	4831	264,52	1,76	14,60	16,82	2,22	3,14347	17,74	0,85279852

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
166	2	200	2	300	2	2009-10	0,4165	5,556	98	50	7,3	4831	264,52	1,76	15,42	17,16	1,74	3,04317	18,46	1,69824926
167	2	300	2	400	2	2009-10	0,259	7,495	98	50	7,5	4831	264,52	1,76	14,14	16,20	2,06	3,0036	17,14	0,89037274
168	2	400	2	500	2	2009-10	0,354	6,156	98	50	6,8	4831	264,52	1,76	9,68	10,48	0,80	3,14311	12,82	5,49015712
169	2	500	2	600	2	2009-10	0,393	5,763	98	50	7,4	4831	264,52	1,76	11,02	12,68	1,66	3,02394	14,04	1,86032102
170	2	600	2	700	2	2009-10	0,321	6,547	98	50	7,6	4831	264,52	1,76	11,88	14,10	2,22	2,98623	14,87	0,58710181
171	2	700	2	800	2	2009-10	0,5055	4,918	98	50	6,9	4831	264,52	1,76	13,34	15,80	2,46	3,12396	16,46	0,44084596
172	2	800	2	900	2	2009-10	0,435	5,406	98	50	7,2	4831	264,52	1,76	11,20	12,18	0,98	3,06272	14,26	4,33772058
173	2	900	2	1000	2	2009-10	0,4375	5,387	98	50	7,1	4831	264,52	1,76	11,58	13,58	2,00	3,08247	14,66	1,17174226
174	2	1000	2	1100	2	2009-10	0,4805	5,078	98	50	7,1	4831	264,52	1,76	10,62	12,84	2,22	3,08298	13,70	0,74474216
175	2	1100	2	1200	2	2009-10	0,5125	4,876	98	50	7,2	4831	264,52	1,76	15,96	17,86	1,90	3,06364	19,02	1,35405327
176	2	1200	2	1300	2	2009-10	0,4425	5,348	98	50	7,2	4831	264,52	1,76	12,56	15,28	2,72	3,06281	15,62	0,1175189
177	2	1300	2	1400	2	2009-10	0,596	4,433	98	50	7,2	4831	264,52	1,76	11,76	14,18	2,42	3,06458	14,82	0,41548933
178	2	1400	2	1500	2	2009-10	0,469	5,156	98	50	7,1	2626	143,80	0,96	13,32	15,48	2,16	1,67891	15,00	0,23145116
179	2	1500	2	1600	2	2009-10	0,4775	5,098	98	50	6,9	2626	143,80	0,96	11,82	14,02	2,20	1,70112	13,52	0,24888397
180	2	1600	2	1700	2	2009-10	0,489	5,022	98	50	6,7	2626	143,80	0,96	15,96	19,24	3,28	1,72432	17,68	2,42014945
181	2	1700	2	1800	2	2009-10	0,2945	6,912	98	50	6,5	2626	143,80	0,96	11,58	14,06	2,48	1,74614	13,33	0,53855576
182	2	1800	2	1900	2	2009-10	0,3685	6,002	98	50	6,9	2626	143,80	0,96	13,08	14,94	1,86	1,69987	14,78	0,02564182
183	2	1900	2	2000	2	2009-10	0,5575	4,624	98	50	6,8	2626	143,80	0,96	15,82	17,76	1,94	1,71339	17,53	0,05134996
184	2	2000	2	2100	2	2009-10	0,365	6,038	98	50	6,8	2626	143,80	0,96	16,28	16,38	0,10	1,71124	17,99	2,59609561
185	2	2100	2	2200	2	2009-10	0,404	5,664	98	50	6,9	2626	143,80	0,96	14,52	17,22	2,70	1,70029	16,22	0,99942812
186	2	2200	2	2300	2	2009-10	0,439	5,375	98	50	6,9	2626	143,80	0,96	14,44	15,42	0,98	1,70069	16,14	0,51938935
187	2	2300	2	2400	2	2009-10	0,426	5,478	98	50	6,9	2626	143,80	0,96	9,62	11,08	1,46	1,70054	11,32	0,05785899
188	2	2400	2	2500	2	2009-10	0,403	5,673	98	50	6,9	2626	143,80	0,96	12,66	15,24	2,58	1,70027	14,36	0,77391715
189	2	2500	2	2600	2	2009-10	0,4045	5,660	98	50	7,0	2626	143,80	0,96	14,42	17,38	2,96	1,68912	16,11	1,61514095
190	2	2600	2	2700	2	2009-10	0,3895	5,796	98	50	6,9	2626	143,80	0,96	13,90	15,42	1,52	1,70012	15,60	0,03244218
191	2	2700	2	2800	2	2009-10	0,432	5,430	98	50	7,0	2626	143,80	0,96	12,00	13,78	1,78	1,68943	13,69	0,00820227
202	2	3800	2	3900	2	2009-10	0,492	5,003	98	50	6,4	1196	65,46	0,44	9,66	10,30	0,64	0,80508	10,47	0,02725036
203	2	3900	2	4000	2	2009-10	0,4995	4,955	98	50	6,4	1196	65,46	0,44	9,86	9,90	0,04	0,80515	10,67	0,58545767
204	2	4000	2	4100	2	2009-10	0,5605	4,608	98	50	6,4	1196	65,46	0,44	23,98	24,64	0,66	0,80575	24,79	0,02124382

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
205	2	4100	2	4200	2	2009-10	0,4885	5,025	98	50	6,6	1196	65,46	0,44	21,04	22,36	1,32	0,79382	21,83	0,2768624
206	2	4200	2	4300	2	2009-10	0,396	5,736	98	50	6,5	1196	65,46	0,44	19,14	20,28	1,14	0,79841	19,94	0,1166834
207	2	4300	2	4400	2	2009-10	0,4865	5,038	98	50	6,4	1196	65,46	0,44	18,62	21,08	2,46	0,80502	19,43	2,73895396
208	2	4400	2	4500	2	2009-10	0,606	4,387	98	50	6,4	1196	65,46	0,44	26,48	33,42	6,94	0,80619	27,29	37,6236427
209	2	4500	2	4600	2	2009-10	0,543	4,701	98	50	6,4	1196	65,46	0,44	19,38	23,46	4,08	0,80558	20,19	10,7218114
210	2	4600	2	4700	2	2009-10	0,463	5,198	98	50	6,3	1196	65,46	0,44	17,14	19,88	2,74	0,81059	17,95	3,72263783
213	2	4900	2	5000	2	2009-10	0,325	6,496	98	50	7,0	1196	65,46	0,44	14,06	15,64	1,58	0,77107	14,83	0,65436837
214	2	5000	2	5100	2	2009-10	0,435	5,406	98	50	6,5	1196	65,46	0,44	16,78	19,76	2,98	0,79882	17,58	4,75753894
215	2	5100	2	5200	2	2009-10	0,43	5,446	98	50	6,4	1196	65,46	0,44	21,90	22,70	0,80	0,80444	22,70	1,9731E-05
216	2	5200	2	5300	2	2009-10	0,3855	5,834	98	50	6,6	1196	65,46	0,44	8,94	11,12	2,18	0,79275	9,73	1,92445849
217	2	5300	2	5400	2	2009-10	0,466	5,177	98	50	6,5	1196	65,46	0,44	12,70	12,82	0,12	0,79914	13,50	0,46123265
218	2	5400	2	5500	2	2009-10	0,382	5,867	98	50	6,3	1196	65,46	0,44	11,30	12,74	1,44	0,80974	12,11	0,39723296
219	2	5500	2	5600	2	2009-10	0,4795	5,085	98	50	6,4	1196	65,46	0,44	12,22	14,18	1,96	0,80495	13,02	1,3341388
220	2	5600	2	5700	2	2009-10	0,4085	5,625	98	50	6,4	1196	65,46	0,44	16,78	17,38	0,60	0,80422	17,58	0,04170411
221	2	5700	2	5800	2	2009-10	0,477	5,101	98	50	6,3	1196	65,46	0,44	12,02	13,70	1,68	0,81073	12,83	0,75563261
222	2	5800	2	5900	2	2009-10	0,402	5,682	98	50	6,4	1196	65,46	0,44	10,22	11,10	0,88	0,80415	11,02	0,0057537
223	2	5900	2	6000	2	2009-10	0,553	4,648	98	50	6,4	1196	65,46	0,44	8,52	8,88	0,36	0,80568	9,33	0,19863048
224	2	6000	2	6100	2	2009-10	0,545	4,691	98	50	6,4	1196	65,46	0,44	5,48	7,66	2,18	0,8056	6,29	1,88897034
225	2	6100	2	6200	2	2009-10	0,543	4,701	98	50	6,4	1196	65,46	0,44	6,68	8,10	1,42	0,80558	7,49	0,37750913
226	2	6200	2	6300	2	2009-10	0,583	4,496	98	50	6,2	1196	65,46	0,44	6,16	9,34	3,18	0,81771	6,98	5,58040446
227	2	6300	2	6400	2	2009-10	0,6325	4,271	98	50	6,2	1196	65,46	0,44	6,84	10,04	3,20	0,81818	7,66	5,6730624
228	2	6400	2	6500	2	2009-10	0,6075	4,380	98	50	6,2	1196	65,46	0,44	7,20	8,62	1,42	0,81795	8,02	0,36246971
229	2	6500	2	6600	2	2009-10	0,505	4,921	98	50	6,2	1196	65,46	0,44	8,28	9,92	1,64	0,81695	9,10	0,67741186
230	2	6600	2	6700	2	2009-10	0,4515	5,281	98	50	6,2	1196	65,46	0,44	6,02	7,82	1,80	0,81641	6,84	0,96745422
231	2	6700	2	6800	2	2009-10	0,4105	5,607	98	50	6,2	1196	65,46	0,44	7,12	9,50	2,38	0,81598	7,94	2,44615962
232	2	6800	2	6900	2	2009-10	0,5475	4,677	98	50	6,2	1196	65,46	0,44	5,70	7,16	1,46	0,81737	6,52	0,41297477
233	2	6900	2	7000	2	2009-10	0,5675	4,572	98	50	6,2	1352	74,04	0,49	8,64	10,98	2,34	0,92389	9,56	2,00537352
234	2	7000	2	7100	2	2009-10	0,635	4,260	98	50	6,2	1352	74,04	0,49	8,06	10,44	2,38	0,92454	8,98	2,11836976
235	2	7100	2	7200	2	2009-10	0,6835	4,067	98	50	6,3	1352	74,04	0,49	9,96	12,38	2,42	0,91827	10,88	2,25517875

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
236	2	7200	2	7300	2	2009-10	0,603	4,401	98	50	6,8	1352	74,04	0,49	7,64	8,34	0,70	0,88612	8,53	0,03464022
237	2	7300	2	7400	2	2009-10	0,5995	4,417	98	50	7,0	1686	92,29	0,62	6,22	8,04	1,82	1,08812	7,31	0,53565479
238	2	7400	2	7500	2	2009-10	0,583	4,496	98	50	7,0	1686	92,29	0,62	4,66	6,44	1,78	1,08795	5,75	0,47893037
239	2	7500	2	7600	2	2009-10	0,5805	4,508	98	50	6,9	1686	92,29	0,62	5,16	6,34	1,18	1,0951	6,26	0,00720829
240	2	7600	2	7700	2	2009-10	0,6215	4,318	98	50	7,0	1686	92,29	0,62	5,80	7,98	2,18	1,08833	6,89	1,19173969
269	2	10500	2	10600	2	2009-10	0,635	4,260	98	50	6,7	412	22,54	0,15	11,66	16,96	5,30	0,27641	11,94	25,2364325
293	2	12900	2	13000	2	2009-10	0,939	3,329	98	50	5,3	412	22,54	0,15	9,00	9,60	0,60	0,30943	9,31	0,08443031
295	2	13100	2	13200	2	2009-10	0,761	3,801	98	50	5,3	412	22,54	0,15	12,94	13,36	0,42	0,30807	13,25	0,01252917
1	1	500	1	600	1	2010-11	0,3336	6,390	98	50	7,5	6730	368,47	2,46	10,82	13,62	2,80	4,18317	15,00	1,91314978
2	1	600	1	700	1	2010-11	0,3763	5,924	98	50	7,2	6730	368,47	2,46	12,92	17,18	4,26	4,26291	17,18	8,4673E-06
3	1	700	1	800	1	2010-11	0,4534	5,267	98	50	7,1	6730	368,47	2,46	13,70	19,60	5,90	4,29136	17,99	2,58770778
4	1	800	1	900	1	2010-11	0,3901	5,791	98	50	7,1	6730	368,47	2,46	11,32	16,48	5,16	4,29056	15,61	0,75592573
5	1	900	1	1000	1	2010-11	0,4174	5,548	98	50	7,0	6730	368,47	2,46	8,68	13,08	4,40	4,31895	13,00	0,00656857
6	1	1000	1	1100	1	2010-11	0,4216	5,514	98	50	7,1	6730	368,47	2,46	8,34	11,08	2,74	4,29097	12,63	2,40549255
7	1	1100	1	1200	1	2010-11	0,4673	5,168	98	50	7,2	6730	368,47	2,46	10,80	14,40	3,60	4,26407	15,06	0,44098355
8	1	1200	1	1300	1	2010-11	0,4567	5,243	98	50	7,2	6730	368,47	2,46	10,58	13,60	3,02	4,26394	14,84	1,54737523
9	1	1300	1	1400	1	2010-11	0,4559	5,249	98	50	7,2	6730	368,47	2,46	10,44	13,76	3,32	4,26393	14,70	0,89099525
10	1	1400	1	1500	1	2010-11	0,3896	5,795	98	50	7,0	6730	368,47	2,46	12,30	15,20	2,90	4,3186	16,62	2,01241256
11	1	1500	1	1600	1	2010-11	0,4323	5,427	98	50	7,0	6730	368,47	2,46	12,02	16,32	4,30	4,31914	16,34	0,00036642
12	1	1600	1	1700	1	2010-11	0,4303	5,443	98	50	7,0	6730	368,47	2,46	13,10	17,42	4,32	4,31912	17,42	7,8113E-07
13	1	1700	1	1800	1	2010-11	0,4672	5,168	98	50	7,2	6730	368,47	2,46	9,46	14,20	4,74	4,26407	13,72	0,22651384
14	1	1800	1	1900	1	2010-11	0,4343	5,412	98	50	6,9	6730	368,47	2,46	8,80	12,84	4,04	4,3478	13,15	0,09473962
15	1	1900	1	2000	1	2010-11	0,4576	5,236	98	50	6,9	6730	368,47	2,46	10,40	10,84	0,44	4,34809	14,75	15,2731711
16	1	500	1	600	2	2010-11	0,3032	6,787	98	50	7,5	6730	368,47	2,46	12,30	16,34	4,04	4,18275	16,48	0,02037721
17	1	600	1	700	2	2010-11	0,4349	5,407	98	50	7,2	6730	368,47	2,46	11,56	13,94	2,38	4,26366	15,82	3,54818834
18	1	700	1	800	2	2010-11	0,4375	5,387	98	50	7,1	6730	368,47	2,46	10,70	15,20	4,50	4,29117	14,99	0,0436117
19	1	800	1	900	2	2010-11	0,3811	5,876	98	50	7,1	6730	368,47	2,46	11,64	15,70	4,06	4,29044	15,93	0,05310424
20	1	900	1	1000	2	2010-11	0,4489	5,300	98	50	7,0	6730	368,47	2,46	13,32	17,16	3,84	4,31935	17,64	0,22977662
21	1	1000	1	1100	2	2010-11	0,3816	5,871	98	50	7,1	6730	368,47	2,46	11,54	15,98	4,44	4,29045	15,83	0,02236517

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
22	1	1100	1	1200	2	2010-11	0,283	7,088	98	50	7,2	6730	368,47	2,46	12,10	15,18	3,08	4,26164	16,36	1,39627162
23	1	1200	1	1300	2	2010-11	0,4523	5,275	98	50	7,2	6730	368,47	2,46	10,46	13,32	2,86	4,26388	14,72	1,97088099
24	1	1300	1	1400	2	2010-11	0,4266	5,473	98	50	7,2	6730	368,47	2,46	10,34	14,18	3,84	4,26356	14,60	0,17940206
25	1	1400	1	1500	2	2010-11	0,5146	4,863	98	50	7,0	6730	368,47	2,46	11,22	14,82	3,60	4,32015	15,54	0,5186206
26	1	1500	1	1600	2	2010-11	0,3988	5,711	98	50	7,0	6730	368,47	2,46	11,88	15,16	3,28	4,31871	16,20	1,07892743
27	1	1600	1	1700	2	2010-11	0,3843	5,845	98	50	7,0	6730	368,47	2,46	11,48	16,64	5,16	4,31853	15,80	0,70807792
28	1	1700	1	1800	2	2010-11	0,3931	5,762	98	50	7,2	6730	368,47	2,46	12,54	16,98	4,44	4,26313	16,80	0,03128298
29	1	1800	1	1900	2	2010-11	0,4281	5,461	98	50	6,9	6730	368,47	2,46	11,20	13,48	2,28	4,34772	15,55	4,2754678
30	1	1900	1	2000	2	2010-11	0,3724	5,962	98	50	6,9	6730	368,47	2,46	10,00	13,78	3,78	4,347	14,35	0,31772306
31	2	0	2	100	1	2010-11	0,4477	5,309	98	50	7,0	4930	269,92	1,80	15,40	18,42	3,02	3,16591	18,57	0,02128916
32	2	100	2	200	1	2010-11	0,4065	5,642	98	50	6,8	4930	269,92	1,80	18,02	19,42	1,40	3,2078	21,23	3,26814651
33	2	200	2	300	1	2010-11	0,371	5,976	98	50	7,3	4930	269,92	1,80	14,22	19,82	5,60	3,10458	17,32	6,22714253
34	2	300	2	400	1	2010-11	0,349	6,211	98	50	7,5	4930	269,92	1,80	12,66	14,98	2,32	3,06601	15,73	0,55653664
35	2	400	2	500	1	2010-11	0,493	4,996	98	50	6,8	4930	269,92	1,80	14,02	15,72	1,70	3,20884	17,23	2,276611
36	2	500	2	600	1	2010-11	0,463	5,198	98	50	7,4	4930	269,92	1,80	9,14	12,50	3,36	3,08638	12,23	0,07486784
37	2	600	2	700	1	2010-11	0,587	4,476	98	50	7,6	4930	269,92	1,80	16,36	16,90	0,54	3,05027	19,41	6,30147988
38	2	700	2	800	1	2010-11	0,378	5,906	98	50	6,9	4930	269,92	1,80	11,70	19,00	7,30	3,18602	14,89	16,924815
39	2	800	2	900	1	2010-11	0,3895	5,796	98	50	7,2	4930	269,92	1,80	11,04	12,38	1,34	3,12453	14,16	3,18454189
40	2	900	2	1000	1	2010-11	0,634	4,264	98	50	7,1	4930	269,92	1,80	13,92	16,44	2,52	3,1475	17,07	0,3937586
41	2	1000	2	1100	1	2010-11	0,547	4,680	98	50	7,1	4930	269,92	1,80	13,64	15,98	2,34	3,14653	16,79	0,65049199
42	2	1100	2	1200	1	2010-11	0,626	4,298	98	50	7,2	4930	269,92	1,80	14,28	16,28	2,00	3,12729	17,41	1,27078533
43	2	1200	2	1300	1	2010-11	0,583	4,496	98	50	7,2	4930	269,92	1,80	17,98	22,18	4,20	3,12681	21,11	1,15172715
44	2	1300	2	1400	1	2010-11	0,551	4,658	98	50	7,2	4930	269,92	1,80	14,74	18,44	3,70	3,12645	17,87	0,3289558
45	2	1400	2	1500	1	2010-11	0,417	5,552	98	50	7,1	2680	146,73	0,98	14,24	16,28	2,04	1,71245	15,95	0,10728946
46	2	1500	2	1600	1	2010-11	0,4905	5,012	98	50	6,9	2680	146,73	0,98	14,96	17,58	2,62	1,73584	16,70	0,78173219
48	2	1700	2	1800	1	2010-11	0,4365	5,395	98	50	6,5	2680	146,73	0,98	17,32	19,02	1,70	1,78338	19,10	0,0069518
49	2	1800	2	1900	1	2010-11	0,3905	5,787	98	50	6,9	2680	146,73	0,98	15,84	19,64	3,80	1,73471	17,57	4,26542413
50	2	1900	2	2000	1	2010-11	0,6215	4,318	98	50	6,8	2680	146,73	0,98	11,92	15,44	3,52	1,74888	13,67	3,13686313
51	2	2000	2	2100	1	2010-11	0,5015	4,943	98	50	6,8	2680	146,73	0,98	15,58	16,10	0,52	1,74761	17,33	1,50702621

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
52	2	2100	2	2200	1	2010-11	0,4685	5,159	98	50	6,9	2680	146,73	0,98	15,60	18,30	2,70	1,7356	17,34	0,93006666
53	2	2200	2	2300	1	2010-11	0,388	5,810	98	50	6,9	2680	146,73	0,98	11,92	16,34	4,42	1,73468	13,65	7,21094169
54	2	2300	2	2400	1	2010-11	0,441	5,360	98	50	6,9	2680	146,73	0,98	13,62	13,72	0,10	1,73529	15,36	2,67417826
55	2	2400	2	2500	1	2010-11	0,4995	4,955	98	50	6,9	2680	146,73	0,98	15,60	18,24	2,64	1,73594	17,34	0,81731998
56	2	2500	2	2600	1	2010-11	0,396	5,736	98	50	7,0	2680	146,73	0,98	12,44	16,00	3,56	1,72337	14,16	3,37320144
57	2	2600	2	2700	1	2010-11	0,473	5,128	98	50	6,9	2680	146,73	0,98	14,04	16,62	2,58	1,73565	15,78	0,71292622
58	2	2700	2	2800	1	2010-11	0,494	4,990	98	50	7,0	2680	146,73	0,98	12,06	16,40	4,34	1,72448	13,78	6,84094239
59	2	2800	2	2900	1	2010-11	0,4125	5,590	98	50	6,8	3400	186,15	1,24	13,86	15,70	1,84	2,21424	16,07	0,14005901
90	2	5900	2	6000	1	2010-11	0,5025	4,937	98	50	6,4	1220	66,80	0,45	10,30	11,76	1,46	0,82149	11,12	0,40769856
91	2	6000	2	6100	1	2010-11	0,373	5,956	98	50	6,4	1220	66,80	0,45	12,32	13,08	0,76	0,82014	13,14	0,00361648
92	2	6100	2	6200	1	2010-11	0,3525	6,172	98	50	6,4	1220	66,80	0,45	8,64	17,44	8,80	0,81991	9,46	63,6818019
93	2	6200	2	6300	1	2010-11	0,45	5,292	98	50	6,2	1220	66,80	0,45	7,22	7,70	0,48	0,83294	8,05	0,12456359
94	2	6300	2	6400	1	2010-11	0,518	4,843	98	50	6,2	1220	66,80	0,45	6,56	9,78	3,22	0,83362	7,39	5,6947901
95	2	6400	2	6500	1	2010-11	0,4235	5,498	98	50	6,2	1220	66,80	0,45	6,90	8,02	1,12	0,83266	7,73	0,08256451
96	2	6500	2	6600	1	2010-11	0,4895	5,019	98	50	6,2	1220	66,80	0,45	7,40	7,58	0,18	0,83334	8,23	0,42685165
97	2	6600	2	6700	1	2010-11	0,416	5,561	98	50	6,2	1220	66,80	0,45	8,60	11,42	2,82	0,83258	9,43	3,94983599
99	2	6800	2	6900	1	2010-11	0,5755	4,532	98	50	6,2	1220	66,80	0,45	8,84	13,72	4,88	0,83419	9,67	16,3686074
100	2	6900	2	7000	1	2010-11	0,496	4,977	98	50	6,2	1380	75,56	0,50	8,76	9,56	0,80	0,94189	9,70	0,0201321
103	2	7200	2	7300	1	2010-11	0,521	4,825	98	50	6,8	1380	75,56	0,50	7,32	10,00	2,68	0,90325	8,22	3,15684329
104	2	7300	2	7400	1	2010-11	0,4745	5,118	98	50	7,0	1720	94,17	0,63	8,44	10,34	1,90	1,1089	9,55	0,62584669
106	2	7500	2	7600	1	2010-11	0,3785	5,902	98	50	6,9	1720	94,17	0,63	11,34	12,14	0,80	1,11517	12,46	0,09932988
107	2	7600	2	7700	1	2010-11	0,528	4,785	98	50	7,0	1720	94,17	0,63	7,40	8,98	1,58	1,10945	8,51	0,22141529
163	2	13200	2	13350	1	2010-11	0,486	5,042	98	50	5,3	420	23,00	0,15	4,20	6,71	2,51	0,31189	4,51	4,84268659
164	2	0	2	100	2	2010-11	0,568	4,570	98	50	7,0	4930	269,92	1,80	14,50	19,02	4,52	3,16731	17,67	1,82076297
165	2	100	2	200	2	2010-11	0,3825	5,863	98	50	6,8	4930	269,92	1,80	16,82	21,42	4,60	3,2075	20,03	1,93905198
166	2	200	2	300	2	2010-11	0,4165	5,556	98	50	7,3	4930	269,92	1,80	17,16	21,04	3,88	3,10514	20,27	0,60040045
167	2	300	2	400	2	2010-11	0,259	7,495	98	50	7,5	4930	269,92	1,80	16,20	16,88	0,68	3,0648	19,26	5,68727783
168	2	400	2	500	2	2010-11	0,354	6,156	98	50	6,8	4930	269,92	1,80	10,48	11,18	0,70	3,20714	13,69	6,28574218
169	2	500	2	600	2	2010-11	0,393	5,763	98	50	7,4	4930	269,92	1,80	12,68	14,58	1,90	3,08552	15,77	1,40546856

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
170	2	600	2	700	2	2010-11	0,321	6,547	98	50	7,6	4930	269,92	1,80	14,10	16,90	2,80	3,04706	17,15	0,06103945
171	2	700	2	800	2	2010-11	0,5055	4,918	98	50	6,9	4930	269,92	1,80	15,80	17,68	1,88	3,18757	18,99	1,70973353
172	2	800	2	900	2	2010-11	0,435	5,406	98	50	7,2	4930	269,92	1,80	12,18	14,26	2,08	3,12509	15,31	1,09221386
173	2	900	2	1000	2	2010-11	0,4375	5,387	98	50	7,1	4930	269,92	1,80	13,58	15,64	2,06	3,14524	16,73	1,17775414
174	2	1000	2	1100	2	2010-11	0,4805	5,078	98	50	7,1	4930	269,92	1,80	12,84	18,30	5,46	3,14576	15,99	5,35571158
175	2	1100	2	1200	2	2010-11	0,5125	4,876	98	50	7,2	4930	269,92	1,80	17,86	17,92	0,06	3,12601	20,99	9,40042242
176	2	1200	2	1300	2	2010-11	0,4425	5,348	98	50	7,2	4930	269,92	1,80	15,28	17,58	2,30	3,12518	18,41	0,68092426
177	2	1300	2	1400	2	2010-11	0,596	4,433	98	50	7,2	4930	269,92	1,80	14,18	16,22	2,04	3,12696	17,31	1,18148119
178	2	1400	2	1500	2	2010-11	0,469	5,156	98	50	7,1	2680	146,73	0,98	15,48	17,38	1,90	1,71304	17,19	0,03495488
179	2	1500	2	1600	2	2010-11	0,4775	5,098	98	50	6,9	2680	146,73	0,98	14,02	19,12	5,10	1,7357	15,76	11,3185123
181	2	1700	2	1800	2	2010-11	0,2945	6,912	98	50	6,5	2680	146,73	0,98	14,06	17,76	3,70	1,78168	15,84	3,67996155
182	2	1800	2	1900	2	2010-11	0,3685	6,002	98	50	6,9	2680	146,73	0,98	14,94	22,26	7,32	1,73445	16,67	31,1983727
183	2	1900	2	2000	2	2010-11	0,5575	4,624	98	50	6,8	2680	146,73	0,98	17,76	18,94	1,18	1,74821	19,51	0,32286556
184	2	2000	2	2100	2	2010-11	0,365	6,038	98	50	6,8	2680	146,73	0,98	16,38	18,92	2,54	1,74605	18,13	0,63035106
185	2	2100	2	2200	2	2010-11	0,404	5,664	98	50	6,9	2680	146,73	0,98	17,22	19,88	2,66	1,73487	18,95	0,85587073
186	2	2200	2	2300	2	2010-11	0,439	5,375	98	50	6,9	2680	146,73	0,98	15,42	17,44	2,02	1,73527	17,16	0,08107185
187	2	2300	2	2400	2	2010-11	0,426	5,478	98	50	6,9	2680	146,73	0,98	11,08	13,14	2,06	1,73512	12,82	0,10554654
188	2	2400	2	2500	2	2010-11	0,403	5,673	98	50	6,9	2680	146,73	0,98	15,24	18,24	3,00	1,73486	16,97	1,60059043
189	2	2500	2	2600	2	2010-11	0,4045	5,660	98	50	7,0	2680	146,73	0,98	17,38	22,20	4,82	1,72347	19,10	9,58849045
190	2	2600	2	2700	2	2010-11	0,3895	5,796	98	50	6,9	2680	146,73	0,98	15,42	18,02	2,60	1,7347	17,15	0,74874765
191	2	2700	2	2800	2	2010-11	0,432	5,430	98	50	7,0	2680	146,73	0,98	13,78	15,66	1,88	1,72379	15,50	0,02440235
223	2	5900	2	6000	2	2010-11	0,553	4,648	98	50	6,4	1220	66,80	0,45	8,88	15,56	6,68	0,82199	9,70	34,3163272
224	2	6000	2	6100	2	2010-11	0,545	4,691	98	50	6,4	1220	66,80	0,45	7,66	10,26	2,60	0,82191	8,48	3,16161142
225	2	6100	2	6200	2	2010-11	0,543	4,701	98	50	6,4	1220	66,80	0,45	8,10	12,02	3,92	0,82189	8,92	9,59829584
226	2	6200	2	6300	2	2010-11	0,583	4,496	98	50	6,2	1220	66,80	0,45	9,34	12,92	3,58	0,83426	10,17	7,53909587
227	2	6300	2	6400	2	2010-11	0,6325	4,271	98	50	6,2	1220	66,80	0,45	10,04	12,62	2,58	0,83473	10,87	3,04597271
228	2	6400	2	6500	2	2010-11	0,6075	4,380	98	50	6,2	1220	66,80	0,45	8,62	11,24	2,62	0,83449	9,45	3,188037
229	2	6500	2	6600	2	2010-11	0,505	4,921	98	50	6,2	1220	66,80	0,45	9,92	15,56	5,64	0,83349	10,75	23,1024948
230	2	6600	2	6700	2	2010-11	0,4515	5,281	98	50	6,2	1220	66,80	0,45	7,82	13,20	5,38	0,83295	8,65	20,6756532

No	From		Til		Lane	Season ("year 1"-"year 2")	**DEF (mm)**	*SNP*	**COMP (%)**	**S (km/h)**	**W (m)**	**AADT "year 1" (both directions)**	*PASS "year 1" (1 direction)*	*YE4 "year 1"*	**Rutting- "year 1" (mm)**	**Rutting- "year 2" measured (mm)**	ΔRDM measured (mm)	ΔRDM calculated (mm)	Rutting "year 2"- calculated (mm)	(Rutting "year 2" calculated - Rutting "year 2" measured)²
	Hp	M	Hp	M																
232	2	6800	2	6900	2	2010-11	0,5475	4,677	98	50	6,2	1220	66,80	0,45	7,16	12,06	4,90	0,83391	7,99	16,5330499
233	2	6900	2	7000	2	2010-11	0,5675	4,572	98	50	6,2	1380	75,56	0,50	10,98	16,20	5,22	0,9426	11,92	18,2961326
234	2	7000	2	7100	2	2010-11	0,635	4,260	98	50	6,2	1380	75,56	0,50	10,44	16,04	5,60	0,94325	11,38	21,6852867
235	2	7100	2	7200	2	2010-11	0,6835	4,067	98	50	6,3	1380	75,56	0,50	12,38	16,06	3,68	0,93685	13,32	7,52484816
236	2	7200	2	7300	2	2010-11	0,603	4,401	98	50	6,8	1380	75,56	0,50	8,34	8,82	0,48	0,90406	9,24	0,1798235
237	2	7300	2	7400	2	2010-11	0,5995	4,417	98	50	7,0	1720	94,17	0,63	8,04	8,86	0,82	1,11017	9,15	0,08419989
238	2	7400	2	7500	2	2010-11	0,583	4,496	98	50	7,0	1720	94,17	0,63	6,44	7,88	1,44	1,11001	7,55	0,10889454
239	2	7500	2	7600	2	2010-11	0,5805	4,508	98	50	6,9	1720	94,17	0,63	6,34	9,96	3,62	1,1173	7,46	6,26350294
270	2	10600	2	10700	2	2010-11	0,594	4,443	98	50	7,1	420	23,00	0,15	4,34	4,88	0,54	0,27435	4,61	0,0705709
271	2	10700	2	10800	2	2010-11	0,8365	3,581	98	50	6,5	420	23,00	0,15	5,02	9,16	4,14	0,28739	5,31	14,8426241
272	2	10800	2	10900	2	2010-11	0,894	3,434	98	50	7,2	420	23,00	0,15	28,52	30,74	2,22	0,27503	28,80	3,78290144
273	2	10900	2	11000	2	2010-11	1,095	3,022	98	50	7,2	420	23,00	0,15	20,96	22,08	1,12	0,27651	21,24	0,71147628
275	2	11100	2	11200	2	2010-11	1,014	3,172	98	50	7,3	420	23,00	0,15	8,82	13,18	4,36	0,27424	9,09	16,6934012
276	2	11200	2	11300	2	2010-11	0,3255	6,490	98	50	7,2	420	23,00	0,15	4,14	9,40	5,26	0,27017	4,41	24,8984138
277	2	11300	2	11400	2	2010-11	0,6715	4,113	98	50	7,4	420	23,00	0,15	5,54	5,90	0,36	0,26995	5,81	0,00810825
278	2	11400	2	11500	2	2010-11	1,067	3,072	98	50	7,4	420	23,00	0,15	13,98	16,12	2,14	0,27298	14,25	3,48575643
279	2	11500	2	11600	2	2010-11	0,907	3,403	98	50	7,4	420	23,00	0,15	9,78	10,14	0,36	0,2718	10,05	0,00777864
280	2	11600	2	11700	2	2010-11	0,9375	3,333	98	50	5,9	420	23,00	0,15	11,84	12,32	0,48	0,30084	12,14	0,03209923
283	2	11900	2	12000	2	2010-11	0,6795	4,082	98	50	5,5	420	23,00	0,15	10,30	11,06	0,76	0,30838	10,61	0,20396192
284	2	12000	2	12100	2	2010-11	1,0405	3,121	98	50	5,5	420	23,00	0,15	26,44	29,96	3,52	0,31115	26,75	10,2967233
287	2	12300	2	12400	2	2010-11	0,721	3,932	98	50	5,6	420	23,00	0,15	9,72	14,84	5,12	0,30623	10,03	23,1723467
288	2	12400	2	12500	2	2010-11	0,697	4,017	98	50	5,7	420	23,00	0,15	15,92	17,70	1,78	0,30362	16,22	2,17969214
290	2	12600	2	12700	2	2010-11	0,5575	4,624	98	50	6,6	420	23,00	0,15	7,44	10,48	3,04	0,28317	7,72	7,60012492
291	2	12700	2	12800	2	2010-11	0,625	4,303	98	50	5,7	420	23,00	0,15	8,00	12,02	4,02	0,30303	8,30	13,8158786
294	2	13000	2	13100	2	2010-11	0,8415	3,568	98	50	5,3	420	23,00	0,15	8,32	12,38	4,06	0,31483	8,63	14,0263009
295	2	13100	2	13200	2	2010-11	0,761	3,801	98	50	5,3	420	23,00	0,15	13,36	17,36	4,00	0,3142	13,67	13,5851145
296	2	13200	2	13350	2	2010-11	0,7007	4,004	98	50	5,3	420	23,00	0,15	4,83	6,01	1,19	0,31372	5,14	0,7666198
																				∑ 6534,94

Appendix 13

Calculations of K_{gs}, K_{gm} and K_{gr}- E6

Kgs=	2,39
Kgm=	3,872
Kgr=	1,189

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
1	8	10000	8	10100	1	2005- 06	4	10,033	12998	2,37	1,84	2,30	0,46	1,00	17,40	0,200	0,39	2,23	0,0052943
2	8	10100	8	10200	1	2005- 06	4	9,768	12998	2,37	0,86	0,94	0,08	2,80	11,00	0,560	0,24	1,10	0,0244896
3	8	10200	8	10300	1	2005- 06	4	9,403	12998	2,37	1,12	1,38	0,26	3,40	16,60	0,680	0,30	1,42	0,0017247
7	8	10200	8	10300	2	2005- 06	4	9,4359	12998	2,37	1,06	1,50	0,44	4,00	21,80	0,800	0,30	1,36	0,0189719
10	9	100	9	200	1	2005- 06	3	9,9458	12998	2,37	1,06	1,22	0,16	2,80	16,00	0,560	0,27	1,33	0,0126496
13	9	400	9	500	1	2005- 06	3	11,139	12998	2,37	1,50	1,58	0,08	1,00	16,20	0,200	0,32	1,82	0,0559252
23	9	1400	9	1500	1	2005- 06	3	7,8022	19317	3,53	1,52	1,64	0,12	3,40	8,60	0,680	0,40	1,92	0,0804486
24	9	1500	9	1600	1	2005- 06	2	8,243	19317	3,53	0,72	0,76	0,04	1,20	7,00	0,240	0,19	0,91	0,0222484
25	9	1600	9	1700	1	2005- 06	2	8,8248	19317	3,53	0,60	0,70	0,10	2,00	6,80	0,400	0,18	0,78	0,0058049
27	9	1800	9	1900	1	2005- 06	2	8,1681	19254	3,51	1,08	1,20	0,12	1,60	6,00	0,320	0,27	1,35	0,0219535
29	9	2000	9	2100	1	2005- 06	2	8,4426	19254	3,51	0,80	0,82	0,02	0,80	6,80	0,160	0,19	0,99	0,0301729
41	9	0	9	100	2	2005- 06	3	9,6458	12998	2,37	1,22	1,40	0,18	3,07	16,40	0,613	0,31	1,53	0,0159613
42	9	100	9	200	2	2005- 06	3	10,397	12998	2,37	1,56	1,90	0,34	2,60	16,40	0,520	0,36	1,92	0,0005523
45	9	400	9	500	2	2005- 06	3	12,037	12998	2,37	1,54	1,76	0,22	3,00	14,00	0,600	0,36	1,90	0,0208941
56	9	1500	9	1600	2	2005- 06	5	7,5679	19317	3,53	0,56	0,68	0,12	7,20	12,60	1,440	0,32	0,88	0,0414151
57	9	1600	9	1700	2	2005- 06	5	7,9717	19317	3,53	0,78	0,92	0,14	7,00	13,20	1,400	0,35	1,13	0,0435441
59	9	1800	9	1900	2	2005- 06	5	7,2723	19254	3,51	0,98	1,04	0,06	6,40	12,20	1,280	0,40	1,38	0,115718
60	9	1900	9	2000	2	2005- 06	5	6,9881	19254	3,51	0,66	0,76	0,10	5,20	12,20	1,040	0,33	0,99	0,0518524
61	9	2000	9	2100	2	2005- 06	5	7,6979	19254	3,51	0,64	0,88	0,24	6,60	12,80	1,320	0,32	0,96	0,0066541
62	9	2100	9	2200	2	2005- 06	5	12,109	19254	3,51	0,88	1,14	0,26	4,20	10,60	0,840	0,27	1,15	3,527E-05
9	9	0	9	100	1	2006- 07	5	9,2406	13264	2,42	1,10	1,74	0,64	1,65	16,4	0,330	0,27	1,37	0,1401605
10	9	100	9	200	1	2006- 07	5	9,9458	13264	2,42	1,22	1,30	0,08	2,80	18,8	0,560	0,31	1,53	0,0518896
12	9	300	9	400	1	2006- 07	0	9,0077	13264	2,42	1,76	1,90	0,14	2,80	14,8	0,560	0,41	2,17	0,0713264
13	9	400	9	500	1	2006- 07	5	11,139	13264	2,42	1,58	1,68	0,10	4,00	20,2	0,800	0,40	1,98	0,0884251
14	9	500	9	600	1	2006- 07	0	10,053	13264	2,42	1,38	1,40	0,02	3,60	17,6	0,720	0,35	1,73	0,1070759
15	9	600	9	700	1	2006- 07	0	11,568	13264	2,42	0,92	0,96	0,04	4,40	11,2	0,880	0,27	1,19	0,0541442

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
17	9	800	9	900	1	2006- 07	0	10,29	19711	3,6	0,92	1,02	0,10	6,20	18,8	1,240	0,31	1,23	0,0458713
18	9	900	9	1000	1	2006- 07	0	10,217	19711	3,6	0,82	0,86	0,04	6,60	18,6	1,320	0,30	1,12	0,0693788
19	9	1000	9	1100	1	2006- 07	0	10,241	19711	3,6	0,78	0,90	0,12	7,00	20,4	1,400	0,30	1,08	0,0338404
20	9	1100	9	1200	1	2006- 07	0	10,477	19711	3,6	0,80	1,00	0,20	7,00	20,2	1,400	0,31	1,11	0,0114911
21	9	1200	9	1300	1	2006- 07	0	11,096	19711	3,6	0,78	0,94	0,16	5,40	18,8	1,080	0,27	1,05	0,0117713
22	9	1300	9	1400	1	2006- 07	0	9,4096	19711	3,6	1,04	1,22	0,18	6,00	18,8	1,200	0,34	1,38	0,0244507
24	9	1500	9	1600	1	2006- 07	3	8,243	19711	3,6	0,76	0,78	0,02	1,60	8,6	0,320	0,21	0,97	0,0365389
30	9	2100	9	2200	1	2006- 07	3	9,6138	19646	3,59	1,38	1,56	0,18	0,40	7	0,080	0,29	1,67	0,0122717
34	9	2500	9	2600	1	2006- 07	0	8,2384	19646	3,59	1,22	1,66	0,44	3,20	10,4	0,640	0,32	1,54	0,0143424
35	9	2600	9	2700	1	2006- 07	0	6,1519	19646	3,59	1,34	1,56	0,22	5,20	10,6	1,040	0,43	1,77	0,0439498
36	9	2700	9	2800	1	2006- 07	0	9,2932	19646	3,59	1,54	1,76	0,22	4,00	8,6	0,800	0,39	1,93	0,0295197
37	9	2800	9	2900	1	2006- 07	0	9,3785	19646	3,59	0,72	0,74	0,02	1,80	7	0,360	0,19	0,91	0,0277579
41	9	0	9	100	2	2006- 07	5	9,6458	13264	2,42	1,40	1,63	0,23	2,60	19	0,520	0,34	1,74	0,0133149
42	9	100	9	200	2	2006- 07	5	10,397	13264	2,42	1,90	2,08	0,18	2,20	18,6	0,440	0,42	2,32	0,0597819
44	9	300	9	400	2	2006- 07	0	11,156	13264	2,42	1,80	1,88	0,08	2,60	14,2	0,520	0,41	2,21	0,106162
47	9	600	9	700	2	2006- 07	0	12,439	13264	2,42	1,08	1,16	0,08	6,00	14,8	1,200	0,34	1,42	0,0657688
48	9	700	9	800	2	2006- 07	0	10,87	19711	3,6	1,30	1,46	0,16	6,60	17,4	1,320	0,39	1,69	0,0550962
50	9	900	9	1000	2	2006- 07	0	9,5027	19711	3,6	0,84	1,12	0,28	6,60	20,6	1,320	0,31	1,15	0,0008878
51	9	1000	9	1100	2	2006- 07	0	9,0091	19711	3,6	0,94	1,30	0,36	8,80	22,6	1,760	0,38	1,32	0,000312
52	9	1100	9	1200	2	2006- 07	0	9,7807	19711	3,6	1,10	1,32	0,22	5,80	20,4	1,160	0,34	1,44	0,0149529
53	9	1200	9	1300	2	2006- 07	0	10,589	19711	3,6	0,84	1,06	0,22	6,80	19,2	1,360	0,31	1,15	0,0081865
54	9	1300	9	1400	2	2006- 07	0	10,301	19711	3,6	1,66	2,02	0,36	6,80	21	1,360	0,47	2,13	0,0120935
55	9	1400	9	1500	2	2006- 07	5	7,2681	19711	3,6	1,02	1,30	0,28	6,20	20,6	1,240	0,41	1,43	0,0158125
56	9	1500	9	1600	2	2006- 07	5	7,5679	19711	3,6	0,68	0,84	0,16	5,00	17,6	1,000	0,30	0,98	0,020164
57	9	1600	9	1700	2	2006- 07	5	7,9717	19711	3,6	0,92	1,16	0,24	5,80	19	1,160	0,35	1,27	0,0124769
58	9	1700	9	1800	2	2006- 07	5	7,2538	19646	3,59	0,76	1,12	0,36	6,40	18,2	1,280	0,36	1,12	4,097E-10
59	9	1800	9	1900	2	2006- 07	5	7,2723	19646	3,59	1,04	1,38	0,34	7,00	19,2	1,400	0,43	1,47	0,0073805
60	9	1900	9	2000	2	2006- 07	5	6,9881	19646	3,59	0,76	1,10	0,34	6,20	18,4	1,240	0,37	1,13	0,0008918
61	9	2000	9	2100	2	2006- 07	5	7,6979	19646	3,59	0,88	1,12	0,24	5,80	18,6	1,160	0,35	1,23	0,0126572
62	9	2100	9	2200	2	2006- 07	5	12,109	19646	3,59	1,14	1,42	0,28	4,00	14,6	0,800	0,31	1,45	0,0010397

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
64	9	2300	9	2400	2	2006- 07	0	10,368	19646	3,59	1,08	1,42	0,34	3,20	9,2	0,640	0,28	1,36	0,0033499
66	9	2500	9	2600	2	2006- 07	0	8,243	19646	3,59	0,88	1,04	0,16	5,60	18	1,120	0,30	1,18	0,0209129
67	9	2600	9	2700	2	2006- 07	0	7,9462	19646	3,59	1,02	1,08	0,06	4,60	16,2	0,920	0,31	1,33	0,0644151
68	9	2700	9	2800	2	2006- 07	0	8,6845	19646	3,59	1,08	1,12	0,04	4,20	13,4	0,840	0,31	1,39	0,0731621
70	9	2900	9	3000	2	2006- 07	0	9,338	19646	3,59	1,04	1,14	0,10	4,20	11,6	0,840	0,30	1,34	0,0395956
72	9	3100	9	3250	2	2006- 07	0	10,795	19646	3,59	1,21	1,23	0,01	4,38	11,875	0,875	0,33	1,54	0,1016656
73	10	0	10	100	1	2006- 07	0	12,398	19646	3,59	0,96	1,22	0,26	3,73	8,3333	0,747	0,27	1,23	9,996E-05
74	10	100	10	200	1	2006- 07	0	12,903	22045	4,02	0,86	1,04	0,18	4,20	8,8	0,840	0,26	1,12	0,0059128
75	10	200	10	300	1	2006- 07	0	8,2291	22045	4,02	1,80	2,04	0,24	4,20	10,4	0,840	0,46	2,26	0,0465008
76	10	300	10	400	1	2006- 07	0	8,5665	22045	4,02	1,22	1,54	0,32	4,40	15,2	0,880	0,34	1,56	0,0005942
78	10	500	10	600	1	2006- 07	0	16,587	22045	4,02	1,14	1,66	0,52	3,80	17,6	0,760	0,30	1,44	0,0479545
79	10	600	10	700	1	2006- 07	0	11,96	22045	4,02	1,14	1,44	0,30	4,20	17,8	0,840	0,31	1,45	0,0001475
80	10	700	10	800	1	2006- 07	0	12,332	22045	4,02	0,96	1,22	0,26	4,00	17,2	0,800	0,27	1,23	0,0001599
81	10	800	10	900	1	2006- 07	0	12,632	22045	4,02	0,82	0,94	0,12	3,80	17,6	0,760	0,24	1,06	0,0146493
83	10	1000	10	1100	1	2006- 07	0	11,156	21768	3,97	1,36	1,62	0,26	6,40	20,4	1,280	0,40	1,76	0,0201808
85	10	1200	10	1300	1	2006- 07	0	10,146	21998	4,01	1,12	1,14	0,02	6,60	19,8	1,320	0,36	1,48	0,1172811
86	10	1300	10	1400	1	2006- 07	0	9,8337	21998	4,01	1,04	1,18	0,14	7,80	20	1,560	0,37	1,41	0,0543992
87	10	1400	10	1500	1	2006- 07	0	10,578	21998	4,01	1,74	2,40	0,66	6,40	19,2	1,280	0,48	2,22	0,0334835
88	10	1500	10	1600	1	2006- 07	0	9,9667	21998	4,01	1,06	1,18	0,12	6,00	19,6	1,200	0,34	1,40	0,0479256
89	10	1600	10	1700	1	2006- 07	0	11,707	21998	4,01	0,94	1,04	0,10	6,20	20,8	1,240	0,32	1,26	0,0465043
91	10	1800	10	1900	1	2006- 07	0	10,29	21998	4,01	1,34	1,52	0,18	5,60	20,4	1,120	0,38	1,72	0,041476
93	10	2000	10	2100	1	2006- 07	0	14,675	21998	4,01	1,36	1,40	0,04	5,60	19,6	1,120	0,38	1,74	0,1168813
94	10	2100	10	2200	1	2006- 07	0	10,307	21998	4,01	1,24	1,34	0,10	4,80	19	0,960	0,35	1,59	0,0612557
96	10	2300	10	2400	1	2006- 07	0	14,02	21998	4,01	1,24	1,32	0,08	4,20	17,6	0,840	0,33	1,57	0,0623321
98	10	2500	10	2600	1	2006- 07	0	9,6365	22580	4,12	2,14	2,68	0,54	4,40	19	0,880	0,52	2,66	0,0005711
100	10	2700	10	2800	1	2006- 07	0	9,1851	22580	4,12	1,35	1,50	0,15	4,97	21,8	0,993	0,38	1,73	0,0516957
102	10	100	10	200	2	2006- 07	0	11,745	22045	4,02	1,20	1,40	0,20	5,00	12,2	1,000	0,34	1,54	0,019829
103	10	200	10	300	2	2006- 07	0	7,9135	22045	4,02	1,72	1,78	0,06	6,00	18,4	1,200	0,48	2,20	0,1776526
105	10	400	10	500	2	2006- 07	0	11,607	22045	4,02	1,08	1,24	0,16	5,80	23,6	1,160	0,33	1,41	0,0304656
106	10	500	10	600	2	2006- 07	0	13,334	22045	4,02	1,12	1,46	0,34	6,20	22,4	1,240	0,35	1,47	7,649E-05

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
108	10	700	10	800	2	2006- 07	0	10,399	22045	4,02	1,12	1,28	0,16	5,00	22,6	1,000	0,33	1,45	0,0282878
109	10	800	10	900	2	2006- 07	0	10,911	22045	4,02	1,20	1,28	0,08	5,00	21,8	1,000	0,34	1,54	0,0688322
110	10	900	10	1000	2	2006- 07	0	11,482	22045	4,02	1,18	1,26	0,08	3,80	20,2	0,760	0,31	1,49	0,0539379
111	10	1000	10	1100	2	2006- 07	0	12,548	21768	3,97	1,56	1,88	0,32	4,60	19,6	0,920	0,40	1,96	0,0065763
113	10	1200	10	1300	2	2006- 07	0	11,317	21998	4,01	1,04	1,12	0,08	3,20	18,6	0,640	0,27	1,31	0,0371964
114	10	1300	10	1400	2	2006- 07	0	9,3429	21998	4,01	1,10	1,94	0,84	3,20	18,2	0,640	0,29	1,39	0,3016119
116	10	1500	10	1600	2	2006- 07	0	9,3655	21998	4,01	0,82	0,88	0,06	4,60	19	0,920	0,27	1,09	0,0423488
118	10	1700	10	1800	2	2006- 07	0	11,123	21998	4,01	1,20	1,40	0,20	4,60	19,8	0,920	0,33	1,53	0,0178278
119	10	1800	10	1900	2	2006- 07	0	10,425	21998	4,01	1,20	1,32	0,12	4,40	20,6	0,880	0,33	1,53	0,0445334
120	10	1900	10	2000	2	2006- 07	0	8,8318	21998	4,01	1,26	1,48	0,22	3,40	18,8	0,680	0,33	1,59	0,0119034
121	10	2000	10	2100	2	2006- 07	0	12,804	21998	4,01	1,06	1,14	0,08	5,40	20,8	1,080	0,32	1,38	0,057994
122	10	2100	10	2200	2	2006- 07	0	10,102	21998	4,01	1,16	1,18	0,02	4,00	21,8	0,800	0,32	1,48	0,0875742
123	10	2200	10	2300	2	2006- 07	0	11,496	21998	4,01	1,34	1,42	0,08	4,60	21,8	0,920	0,36	1,70	0,0783639
124	10	2300	10	2400	2	2006- 07	0	11,257	21998	4,01	1,34	1,60	0,26	4,40	26,2	0,880	0,36	1,70	0,0092499
125	10	2400	10	2500	2	2006- 07	0	10,389	22220	4,06	2,24	2,84	0,60	4,20	24,2	0,840	0,53	2,77	0,0051324
127	10	2600	10	2700	2	2006- 07	0	6,6858	22580	4,12	1,28	1,56	0,28	5,00	21,6	1,000	0,40	1,68	0,014806
2	8	10100	8	10200	1	2007- 08	0	9,768	13534	2,47	1,24	1,28	0,04	0,40	4,6	0,080	0,25	1,49	0,0457534
3	8	10200	8	10300	1	2007- 08	0	9,403	13534	2,47	1,18	1,26	0,08	2,40	7,6	0,480	0,29	1,47	0,0420984
5	8	10000	8	10100	2	2007- 08	0	9,8141	13534	2,47	1,70	1,96	0,26	2,20	5,8	0,440	0,38	2,08	0,0145251
6	8	10100	8	10200	2	2007- 08	0	8,822	13534	2,47	0,84	1,02	0,18	2,40	7,4	0,480	0,22	1,06	0,0017236
8	8	10300	8	10400	2	2007- 08	0	10,614	13534	2,47	1,23	3,55	2,32	3,33	7,5	0,667	0,31	1,55	4,0175105
10	9	100	9	200	1	2007- 08	5	9,9458	13534	2,47	1,30	1,50	0,20	0,80	19,6	0,160	0,28	1,58	0,0066716
11	9	200	9	300	1	2007- 08	1	10,361	13534	2,47	0,96	1,10	0,14	4,40	16,2	0,880	0,28	1,24	0,0204582
13	9	400	9	500	1	2007- 08	5	11,139	13534	2,47	1,68	1,80	0,12	1,20	21,4	0,240	0,36	2,04	0,0567721
14	9	500	9	600	1	2007- 08	1	10,053	13534	2,47	1,40	1,52	0,12	2,00	19,6	0,400	0,32	1,72	0,0394911
15	9	600	9	700	1	2007- 08	1	11,568	13534	2,47	0,96	1,06	0,10	3,80	15	0,760	0,27	1,23	0,0283796
16	9	700	9	800	1	2007- 08	1	11,265	20113	3,67	1,84	1,92	0,08	4,20	19,6	0,840	0,45	2,29	0,1363694
17	9	800	9	900	1	2007- 08	1	10,29	20113	3,67	1,02	1,18	0,16	6,20	25	1,240	0,34	1,36	0,0306364
18	9	900	9	1000	1	2007- 08	1	10,217	20113	3,67	0,86	1,18	0,32	5,80	24,4	1,160	0,30	1,16	0,0005787
19	9	1000	9	1100	1	2007- 08	1	10,241	20113	3,67	0,90	1,16	0,26	7,80	28,2	1,560	0,35	1,25	0,0073044

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
20	9	1100	9	1200	1	2007- 08	1	10,477	20113	3,67	1,00	1,28	0,28	6,40	26,6	1,280	0,33	1,33	0,002996
21	9	1200	9	1300	1	2007- 08	1	11,096	20113	3,67	0,94	1,02	0,08	6,40	25,2	1,280	0,32	1,26	0,0583056
24	9	1500	9	1600	1	2007- 08	4	8,243	20113	3,67	0,78	0,82	0,04	0,20	8,8	0,040	0,19	0,97	0,0234069
29	9	2000	9	2100	1	2007- 08	4	8,4426	20047	3,66	0,80	0,82	0,02	0,80	8	0,160	0,21	1,01	0,0344042
30	9	2100	9	2200	1	2007- 08	4	9,6138	20047	3,66	1,56	1,72	0,16	0,20	7,2	0,040	0,33	1,89	0,0272485
31	9	2200	9	2300	1	2007- 08	4	7,9483	20047	3,66	1,00	1,06	0,06	0,00	6	0,000	0,24	1,24	0,031649
32	9	2300	9	2400	1	2007- 08	5	8,0137	20047	3,66	0,72	0,78	0,06	0,80	6,4	0,160	0,21	0,93	0,0218983
36	9	2700	9	2800	1	2007- 08	1	9,2932	20047	3,66	1,76	1,84	0,08	3,00	11,6	0,600	0,42	2,18	0,1127889
37	9	2800	9	2900	1	2007- 08	1	9,3785	20047	3,66	0,74	0,90	0,16	3,20	10,2	0,640	0,22	0,96	0,0038512
39	9	3000	9	3100	1	2007- 08	1	6,7496	20047	3,66	1,52	2,00	0,48	2,20	11,2	0,440	0,39	1,91	0,0078861
40	9	3100	9	3250	1	2007- 08	1	12,323	20047	3,66	1,64	1,69	0,05	3,05	13,429	0,611	0,38	2,02	0,1129719
43	9	200	9	300	2	2007- 08	1	10,259	13534	2,47	1,12	1,22	0,10	3,00	15,6	0,600	0,28	1,40	0,0342011
44	9	300	9	400	2	2007- 08	1	11,156	13534	2,47	1,88	1,94	0,06	1,60	15,8	0,320	0,40	2,28	0,1163329
47	9	600	9	700	2	2007- 08	1	12,439	13534	2,47	1,16	1,20	0,04	4,80	19,6	0,960	0,33	1,49	0,0825092
49	9	800	9	900	2	2007- 08	1	9,8117	20113	3,67	1,08	1,26	0,18	6,60	26,4	1,320	0,36	1,44	0,0312946
52	9	1100	9	1200	2	2007- 08	1	9,7807	20113	3,67	1,32	1,34	0,02	6,40	26,8	1,280	0,40	1,72	0,1438833
56	9	1500	9	1600	2	2007- 08	5	7,5679	20113	3,67	0,84	1,00	0,16	6,00	23,6	1,200	0,36	1,20	0,0381224
57	9	1600	9	1700	2	2007- 08	5	7,9717	20113	3,67	1,16	1,28	0,12	6,00	25	1,200	0,40	1,56	0,0803242
62	9	2100	9	2200	2	2007- 08	5	12,109	20047	3,66	1,42	1,80	0,38	6,80	21,4	1,360	0,43	1,85	0,0020452
63	9	2200	9	2300	2	2007- 08	1	10,774	20047	3,66	1,08	1,26	0,18	4,40	13,6	0,880	0,31	1,39	0,0162508
65	9	2400	9	2500	2	2007- 08	1	7,5801	20047	3,66	0,88	1,00	0,12	1,80	13,4	0,360	0,24	1,12	0,0140722
66	9	2500	9	2600	2	2007- 08	1	8,243	20047	3,66	1,04	1,10	0,06	3,00	21	0,600	0,29	1,33	0,0507241
68	9	2700	9	2800	2	2007- 08	1	8,6845	20047	3,66	1,12	1,26	0,14	3,20	16,6	0,640	0,30	1,42	0,0257631
69	9	2800	9	2900	2	2007- 08	1	8,4179	20047	3,66	1,24	1,36	0,12	2,00	14,6	0,400	0,30	1,54	0,0328048
71	9	3000	9	3100	2	2007- 08	1	7,7901	20047	3,66	1,76	1,90	0,14	3,40	14,4	0,680	0,44	2,20	0,0894035
72	9	3100	9	3250	2	2007- 08	1	10,795	20047	3,66	1,23	1,28	0,05	3,50	15,375	0,700	0,32	1,54	0,0711037
73	10	0	10	100	1	2007- 08	1	12,398	20047	3,66	1,22	1,46	0,24	3,87	12,2	0,773	0,32	1,54	0,0058442
74	10	100	10	200	1	2007- 08	1	12,903	22494	4,11	1,04	1,14	0,10	2,80	11,6	0,560	0,26	1,30	0,026578
76	10	300	10	400	1	2007- 08	1	8,5665	22494	4,11	1,54	1,58	0,04	5,80	21	1,160	0,44	1,98	0,1595746
77	10	400	10	500	1	2007- 08	1	13,058	22494	4,11	1,40	1,54	0,14	6,40	25,2	1,280	0,41	1,81	0,0717795

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
79	10	600	10	700	1	2007- 08	1	11,96	22494	4,11	1,44	1,56	0,12	5,20	23	1,040	0,39	1,83	0,0739835
80	10	700	10	800	1	2007- 08	1	12,332	22494	4,11	1,22	1,74	0,52	5,80	23	1,160	0,36	1,58	0,0251566
81	10	800	10	900	1	2007- 08	1	12,632	22494	4,11	0,94	0,96	0,02	5,60	23,2	1,120	0,30	1,24	0,0798616
82	10	900	10	1000	1	2007- 08	1	12,804	22494	4,11	1,06	1,08	0,02	4,40	24,8	0,880	0,30	1,36	0,0786828
84	10	1100	10	1200	1	2007- 08	1	12,266	22212	4,05	1,58	2,02	0,44	6,80	25,4	1,360	0,45	2,03	0,0001456
85	10	1200	10	1300	1	2007- 08	1	10,146	22447	4,1	1,14	1,26	0,12	5,00	24,8	1,000	0,33	1,47	0,0460634
86	10	1300	10	1400	1	2007- 08	1	9,8337	22447	4,1	1,18	1,46	0,28	4,60	24,6	0,920	0,34	1,52	0,0030701
89	10	1600	10	1700	1	2007- 08	1	11,707	22447	4,1	1,04	1,14	0,10	4,00	24,8	0,800	0,29	1,33	0,0360547
90	10	1700	10	1800	1	2007- 08	1	12,604	22447	4,1	1,06	1,14	0,08	4,40	24,8	0,880	0,30	1,36	0,0487254
95	10	2200	10	2300	1	2007- 08	1	12,724	22447	4,1	1,06	1,44	0,38	4,00	22	0,800	0,29	1,35	0,0077057
97	10	2400	10	2500	1	2007- 08	1	14,743	22673	4,14	1,28	1,72	0,44	3,40	23,6	0,680	0,32	1,60	0,0142461
99	10	2600	10	2700	1	2007- 08	1	7,2986	23040	4,2	1,14	1,3	0,16	4,60	25,4	0,920	0,36	1,50	0,0394099
101	10	0	10	100	2	2007- 08	1	11,831	20047	3,66	1,20	1,25	0,05	3,67	15,5	0,733	0,31	1,51	0,0692549
102	10	100	10	200	2	2007- 08	1	11,745	22494	4,11	1,40	1,42	0,02	3,40	15,6	0,680	0,35	1,75	0,1069001
103	10	200	10	300	2	2007- 08	1	7,9135	22494	4,11	1,78	1,82	0,04	2,80	21,2	0,560	0,43	2,21	0,1533328
104	10	300	10	400	2	2007- 08	1	9,7662	22494	4,11	1,22	1,24	0,02	3,80	26	0,760	0,33	1,55	0,0941062
107	10	600	10	700	2	2007- 08	1	12,131	22494	4,11	0,98	1,1	0,12	4,60	25,2	0,920	0,29	1,27	0,0289362
108	10	700	10	800	2	2007- 08	1	10,399	22494	4,11	1,28	1,54	0,26	4,80	27,4	0,960	0,36	1,64	0,0093266
109	10	800	10	900	2	2007- 08	1	10,911	22494	4,11	1,28	1,36	0,08	3,40	25,2	0,680	0,33	1,61	0,0603366
111	10	1000	10	1100	2	2007- 08	1	12,548	22212	4,05	1,88	2,08	0,20	3,80	23,4	0,760	0,45	2,33	0,0609913
113	10	1200	10	1300	2	2007- 08	1	11,317	22447	4,1	1,12	1,28	0,16	4,40	23	0,880	0,31	1,43	0,0238864
114	10	1300	10	1400	2	2007- 08	1	9,3429	22447	4,1	1,94	2,28	0,34	4,60	22,8	0,920	0,49	2,43	0,02112
115	10	1400	10	1500	2	2007- 08	1	8,4851	22447	4,1	1,08	1,24	0,16	3,60	23,2	0,720	0,31	1,39	0,0210788
116	10	1500	10	1600	2	2007- 08	1	9,3655	22447	4,1	0,88	1,04	0,16	3,80	22,8	0,760	0,26	1,14	0,0106542
117	10	1600	10	1700	2	2007- 08	1	12,062	22447	4,1	1,08	1,1	0,02	4,20	23,6	0,840	0,30	1,38	0,0790699
120	10	1900	10	2000	2	2007- 08	1	8,8318	22447	4,1	1,48	1,6	0,12	3,00	21,8	0,600	0,37	1,85	0,06084
123	10	2200	10	2300	2	2007- 08	1	11,496	22447	4,1	1,42	1,56	0,14	4,20	26	0,840	0,37	1,79	0,0520096
124	10	2300	10	2400	2	2007- 08	1	11,257	22447	4,1	1,60	1,74	0,14	3,60	29,8	0,720	0,39	1,99	0,0629375
125	10	2400	10	2500	2	2007- 08	1	10,389	22673	4,14	2,84	3,12	0,28	3,20	27,4	0,640	0,63	3,47	0,1191642
127	10	2600	10	2700	2	2007- 08	1	6,6858	23040	4,2	1,56	1,78	0,22	3,80	25,4	0,760	0,44	2,00	0,0495054

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
3	8	10200	8	10300	1	2008- 09	1	9,403	13811	2,52	1,26	1,40	0,14	3,72	11,32	0,744	0,33	1,59	0,0360416
4	8	10300	8	10400	1	2008- 09	1	7,9706	13811	2,52	1,12	1,68	0,56	4,66	11,66	0,932	0,33	1,45	0,0523303
6	8	10100	8	10200	2	2008- 09	1	8,822	13811	2,52	1,02	1,96	0,94	2,96	10,36	0,592	0,27	1,29	0,4487001
7	8	10200	8	10300	2	2008- 09	1	9,4359	13811	2,52	1,26	1,66	0,40	3,02	10,62	0,604	0,32	1,58	0,0072136
9	9	0	9	100	1	2008- 09	1	9,2406	13811	2,52	1,45	1,66	0,21	3,22	21,42	0,644	0,36	1,81	0,0215566
10	9	100	9	200	1	2008- 09	5	9,9458	13811	2,52	1,50	2,00	0,50	2,38	21,98	0,476	0,35	1,85	0,0213907
11	9	200	9	300	1	2008- 09	2	10,361	13811	2,52	1,10	1,44	0,34	4,36	20,56	0,872	0,31	1,41	0,0008698
12	9	300	9	400	1	2008- 09	2	9,0077	13811	2,52	1,84	2,48	0,64	5,24	23,64	1,048	0,48	2,32	0,0263234
13	9	400	9	500	1	2008- 09	5	11,139	13811	2,52	1,80	2,18	0,38	2,70	24,1	0,540	0,41	2,21	0,0010931
14	9	500	9	600	1	2008- 09	2	10,053	13811	2,52	1,52	2,08	0,56	0,78	20,38	0,156	0,32	1,84	0,0586589
15	9	600	9	700	1	2008- 09	2	11,568	13811	2,52	1,06	1,34	0,28	4,24	19,24	0,848	0,30	1,36	0,0003155
16	9	700	9	800	1	2008- 09	2	11,265	20524	3,75	1,92	2,78	0,86	8,20	27,8	1,640	0,55	2,47	0,0962688
17	9	800	9	900	1	2008- 09	2	10,29	20524	3,75	1,18	1,30	0,12	6,68	31,68	1,336	0,38	1,56	0,0665176
18	9	900	9	1000	1	2008- 09	2	10,217	20524	3,75	1,18	1,52	0,34	8,82	33,22	1,764	0,42	1,60	0,0068936
19	9	1000	9	1100	1	2008- 09	2	10,241	20524	3,75	1,16	1,58	0,42	7,12	35,32	1,424	0,38	1,54	0,001335
20	9	1100	9	1200	1	2008- 09	2	10,477	20524	3,75	1,28	1,50	0,22	5,06	31,66	1,012	0,36	1,64	0,0203352
21	9	1200	9	1300	1	2008- 09	2	11,096	20524	3,75	1,02	1,58	0,56	5,40	30,6	1,080	0,32	1,34	0,0588868
22	9	1300	9	1400	1	2008- 09	2	9,4096	20524	3,75	1,18	1,84	0,66	1,64	25,24	0,328	0,28	1,46	0,1465113
33	9	2400	9	2500	1	2008- 09	5	8,8979	20457	3,73	0,78	1,52	0,74	1,96	9,76	0,392	0,23	1,01	0,2650511
34	9	2500	9	2600	1	2008- 09	2	8,2384	20457	3,73	1,44	1,56	0,12	2,46	16,06	0,492	0,36	1,80	0,0559068
35	9	2600	9	2700	1	2008- 09	2	6,1519	20457	3,73	1,40	2,44	1,04	1,06	15,66	0,212	0,39	1,79	0,4259661
36	9	2700	9	2800	1	2008- 09	2	9,2932	20457	3,73	1,84	2,06	0,22	1,26	12,86	0,252	0,40	2,24	0,0316266
37	9	2800	9	2900	1	2008- 09	2	9,3785	20457	3,73	0,90	1,20	0,30	2,66	12,86	0,532	0,24	1,14	0,0030752
38	9	2900	9	3000	1	2008- 09	2	7,0465	20457	3,73	1,26	2,10	0,84	2,66	13,66	0,532	0,35	1,61	0,2383189
39	9	3000	9	3100	1	2008- 09	2	6,7496	20457	3,73	2,00	2,38	0,38	3,02	14,22	0,604	0,51	2,51	0,0177999
40	9	3100	9	3250	1	2008- 09	2	12,323	20457	3,73	1,69	2,23	0,54	2,45	15,875	0,489	0,38	2,07	0,0248145
43	9	200	9	300	2	2008- 09	2	10,259	13811	2,52	1,22	1,50	0,28	5,12	20,72	1,024	0,35	1,57	0,0048913
44	9	300	9	400	2	2008- 09	2	11,156	13811	2,52	1,94	2,20	0,26	4,28	20,08	0,856	0,47	2,41	0,0439551
45	9	400	9	500	2	2008- 09	5	12,037	13811	2,52	1,60	2,06	0,46	1,74	18,94	0,348	0,35	1,95	0,0117018
46	9	500	9	600	2	2008- 09	5	10,44	13811	2,52	1,44	1,82	0,38	3,12	19,32	0,624	0,35	1,79	0,0006281

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
47	9	600	9	700	2	2008- 09	2	12,439	13811	2,52	1,20	1,34	0,14	2,40	22	0,480	0,29	1,49	0,0211036
48	9	700	9	800	2	2008- 09	2	10,87	20524	3,75	1,28	1,52	0,24	3,18	26,38	0,636	0,32	1,60	0,0067029
49	9	800	9	900	2	2008- 09	2	9,8117	20524	3,75	1,26	2,56	1,30	6,34	32,74	1,268	0,39	1,65	0,8306317
50	9	900	9	1000	2	2008- 09	2	9,5027	20524	3,75	0,94	1,44	0,50	5,44	31,64	1,088	0,31	1,25	0,0362201
51	9	1000	9	1100	2	2008- 09	2	9,0091	20524	3,75	1,18	1,70	0,52	5,72	33,52	1,144	0,37	1,55	0,0237865
52	9	1100	9	1200	2	2008- 09	2	9,7807	20524	3,75	1,34	1,96	0,62	7,06	33,86	1,412	0,42	1,76	0,0402634
53	9	1200	9	1300	2	2008- 09	2	10,589	20524	3,75	1,00	1,32	0,32	5,34	30,94	1,068	0,31	1,31	3,802E-05
54	9	1300	9	1400	2	2008- 09	2	10,301	20524	3,75	1,42	2,04	0,62	4,14	31,94	0,828	0,37	1,79	0,0619214
55	9	1400	9	1500	2	2008- 09	5	7,2681	20524	3,75	1,22	1,88	0,66	7,12	34,52	1,424	0,47	1,69	0,0372635
56	9	1500	9	1600	2	2008- 09	5	7,5679	20524	3,75	1,00	1,92	0,92	6,22	29,82	1,244	0,39	1,39	0,2785744
57	9	1600	9	1700	2	2008- 09	5	7,9717	20524	3,75	1,28	1,30	0,02	5,12	30,12	1,024	0,41	1,69	0,1515643
58	9	1700	9	1800	2	2008- 09	5	7,2538	20457	3,73	0,98	1,56	0,58	5,04	29,44	1,008	0,38	1,36	0,041048
60	9	1900	9	2000	2	2008- 09	5	6,9881	20457	3,73	1,10	1,66	0,56	7,92	31,72	1,584	0,48	1,58	0,0071362
61	9	2000	9	2100	2	2008- 09	5	7,6979	20457	3,73	1,08	2,06	0,98	6,76	30,56	1,352	0,41	1,49	0,3205554
62	9	2100	9	2200	2	2008- 09	5	12,109	20457	3,73	1,80	3,46	1,66	6,38	27,78	1,276	0,49	2,29	1,3685194
63	9	2200	9	2300	2	2008- 09	2	10,774	20457	3,73	1,26	1,98	0,72	6,36	19,96	1,272	0,38	1,64	0,1123231
64	9	2300	9	2400	2	2008- 09	2	10,368	20457	3,73	1,22	2,06	0,84	1,44	13,24	0,288	0,28	1,50	0,3185347
65	9	2400	9	2500	2	2008- 09	2	7,5801	20457	3,73	1,00	1,40	0,40	3,66	17,06	0,732	0,31	1,31	0,0084487
66	9	2500	9	2600	2	2008- 09	2	8,243	20457	3,73	1,10	1,22	0,12	2,72	23,72	0,544	0,30	1,40	0,0309757
67	9	2600	9	2700	2	2008- 09	2	7,9462	20457	3,73	0,96	2,12	1,16	5,16	24,76	1,032	0,32	1,28	0,6978939
68	9	2700	9	2800	2	2008- 09	2	8,6845	20457	3,73	1,26	2,62	1,36	4,50	21,1	0,900	0,36	1,62	1,0023921
70	9	2900	9	3000	2	2008- 09	2	9,338	20457	3,73	1,14	1,20	0,06	3,42	18,02	0,684	0,31	1,45	0,0611113
71	9	3000	9	3100	2	2008- 09	2	7,7901	20457	3,73	1,90	2,38	0,48	2,92	17,32	0,584	0,46	2,36	0,0003056
72	9	3100	9	3250	2	2008- 09	2	10,795	20457	3,73	1,28	1,88	0,60	3,91	19,288	0,783	0,34	1,61	0,0694574
74	10	100	10	200	1	2008- 09	2	12,903	22954	4,19	1,14	1,68	0,54	2,22	13,82	0,444	0,27	1,41	0,0723726
75	10	200	10	300	1	2008- 09	2	8,2291	22954	4,19	1,8	2,24	0,44	8,90	21,1	1,780	0,56	2,36	0,0154488
76	10	300	10	400	1	2008- 09	2	8,5665	22954	4,19	1,58	2,60	1,02	9,84	30,84	1,968	0,54	2,12	0,2337449
77	10	400	10	500	1	2008- 09	2	13,058	22954	4,19	1,54	2,44	0,90	3,18	28,38	0,636	0,37	1,91	0,2826952
78	10	500	10	600	1	2008- 09	2	16,587	22954	4,19	1,4	2,36	0,96	4,82	28,02	0,964	0,37	1,77	0,3444387
79	10	600	10	700	1	2008- 09	2	11,96	22954	4,19	1,56	1,68	0,12	5,74	28,74	1,148	0,43	1,99	0,0946024

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
80	10	700	10	800	1	2008- 09	2	12,332	22954	4,19	1,74	1,86	0,12	4,70	27,7	0,940	0,44	2,18	0,1023616
81	10	800	10	900	1	2008- 09	2	12,632	22954	4,19	0,96	1,76	0,80	5,84	29,04	1,168	0,31	1,27	0,2378494
82	10	900	10	1000	1	2008- 09	2	12,804	22954	4,19	1,08	1,80	0,72	5,70	30,5	1,140	0,33	1,41	0,1502738
83	10	1000	10	1100	1	2008- 09	2	11,156	22665	4,14	1,62	2,40	0,78	5,70	32,1	1,140	0,44	2,06	0,1153968
84	10	1100	10	1200	1	2008- 09	2	12,266	22665	4,14	2,02	2,94	0,92	4,68	30,08	0,936	0,49	2,51	0,1816583
85	10	1200	10	1300	1	2008- 09	2	10,146	22906	4,18	1,26	1,42	0,16	5,04	29,84	1,008	0,36	1,62	0,0403606
86	10	1300	10	1400	1	2008- 09	2	9,8337	22906	4,18	1,46	2,76	1,30	2,08	26,68	0,416	0,34	1,80	0,9227373
87	10	1400	10	1500	1	2008- 09	2	10,578	22906	4,18	2,14	2,26	0,12	4,08	27,48	0,816	0,51	2,65	0,1514671
89	10	1600	10	1700	1	2008- 09	2	11,707	22906	4,18	1,14	1,52	0,38	5,86	30,66	1,172	0,35	1,49	0,0009412
90	10	1700	10	1800	1	2008- 09	2	12,604	22906	4,18	1,14	1,80	0,66	5,20	30	1,040	0,33	1,47	0,1064148
91	10	1800	10	1900	1	2008- 09	2	10,29	22906	4,18	1,34	1,48	0,14	4,88	29,88	0,976	0,37	1,71	0,0539745
93	10	2000	10	2100	1	2008- 09	2	14,675	22906	4,18	1,24	1,54	0,30	4,68	28,48	0,936	0,34	1,58	0,0016091
94	10	2100	10	2200	1	2008- 09	2	10,307	22906	4,18	1,18	1,92	0,74	3,74	27,14	0,748	0,32	1,50	0,1785858
96	10	2300	10	2400	1	2008- 09	2	14,02	22906	4,18	1,24	1,84	0,60	6,30	27,1	1,260	0,37	1,61	0,0508408
97	10	2400	10	2500	1	2008- 09	2	14,743	23136	4,22	1,72	4,42	2,70	4,40	28	0,880	0,43	2,15	5,1658188
99	10	2600	10	2700	1	2008- 09	2	7,2986	23511	4,29	1,3	1,66	0,36	4,14	29,54	0,828	0,39	1,69	0,0008859
100	10	2700	10	2800	1	2008- 09	2	9,1851	23511	4,29	1,45	1,88	0,43	4,45	30,117	0,890	0,39	1,84	0,0016808
101	10	0	10	100	2	2008- 09	2	11,831	20457	3,73	1,25	1,48	0,23	3,38	18,88	0,676	0,32	1,57	0,0077119
103	10	200	10	300	2	2008- 09	2	7,9135	22954	4,19	1,82	2,26	0,44	2,20	23,4	0,440	0,43	2,25	4,197E-05
105	10	400	10	500	2	2008- 09	2	11,607	22954	4,19	1,18	2,06	0,88	5,74	32,34	1,148	0,35	1,53	0,2758283
106	10	500	10	600	2	2008- 09	2	13,334	22954	4,19	1,42	1,92	0,50	7,40	33,8	1,480	0,43	1,85	0,0044781
107	10	600	10	700	2	2008- 09	2	12,131	22954	4,19	1,1	1,68	0,58	5,40	30,6	1,080	0,33	1,43	0,0619716
108	10	700	10	800	2	2008- 09	2	10,399	22954	4,19	1,54	3,12	1,58	4,16	31,56	0,832	0,40	1,94	1,4030662
109	10	800	10	900	2	2008- 09	2	10,911	22954	4,19	1,36	2,24	0,88	5,54	30,74	1,108	0,39	1,75	0,2425501
110	10	900	10	1000	2	2008- 09	2	11,482	22954	4,19	1,18	1,70	0,52	6,12	30,12	1,224	0,36	1,54	0,0246242
111	10	1000	10	1100	2	2008- 09	2	12,548	22665	4,14	2,08	4,02	1,94	4,46	27,86	0,892	0,50	2,58	2,0726709
112	10	1100	10	1200	2	2008- 09	2	13,582	22665	4,14	1,98	3,12	1,14	4,88	28,28	0,976	0,49	2,47	0,4245313
113	10	1200	10	1300	2	2008- 09	2	11,317	22906	4,18	1,28	1,62	0,34	3,48	26,48	0,696	0,33	1,61	0,0001536
114	10	1300	10	1400	2	2008- 09	2	9,3429	22906	4,18	2,28	2,32	0,04	3,42	26,22	0,684	0,53	2,81	0,2397637
115	10	1400	10	1500	2	2008- 09	2	8,4851	22906	4,18	1,24	2,08	0,84	0,30	23,5	0,060	0,27	1,51	0,3225945

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
116	10	1500	10	1600	2	2008- 09	2	9,3655	22906	4,18	1,04	1,14	0,10	5,44	28,24	1,088	0,33	1,37	0,0536835
117	10	1600	10	1700	2	2008- 09	2	12,062	22906	4,18	1,1	1,60	0,50	5,54	29,14	1,108	0,33	1,43	0,0275181
118	10	1700	10	1800	2	2008- 09	2	11,123	22906	4,18	1,24	1,64	0,40	5,06	29,66	1,012	0,35	1,59	0,002161
119	10	1800	10	1900	2	2008- 09	2	10,425	22906	4,18	1,18	1,52	0,34	5,86	30,06	1,172	0,36	1,54	0,0004513
120	10	1900	10	2000	2	2008- 09	2	8,8318	22906	4,18	1,6	1,86	0,26	5,98	27,78	1,196	0,46	2,06	0,0385736
121	10	2000	10	2100	2	2008- 09	2	12,804	22906	4,18	1,14	1,30	0,16	2,70	27,9	0,540	0,28	1,42	0,014679
122	10	2100	10	2200	2	2008- 09	2	10,102	22906	4,18	1,04	1,42	0,38	4,74	30,74	0,948	0,31	1,35	0,0045894
123	10	2200	10	2300	2	2008- 09	2	11,496	22906	4,18	1,56	1,90	0,34	5,16	31,16	1,032	0,42	1,98	0,0058525
125	10	2400	10	2500	2	2008- 09	2	10,389	23136	4,22	3,12	3,38	0,26	6,90	34,3	1,380	0,76	3,88	0,248864
126	10	2500	10	2600	2	2008- 09	2	7,3294	23511	4,29	1,18	1,80	0,62	7,04	27,64	1,408	0,43	1,61	0,0375219
127	10	2600	10	2700	2	2008- 09	2	6,6858	23511	4,29	1,78	1,92	0,14	2,42	27,82	0,484	0,47	2,25	0,1093812
128	10	2700	10	2800	2	2008- 09	2	8,3197	23511	4,29	0,9	1,12	0,22	5,10	34,5	1,020	0,31	1,21	0,0086706
1	8	10000	8	10100	1	2009- 10	2	10,033	14092	2,57	1,18	1,78	0,60	2,28	6,98	0,456	0,28	1,47	0,0976094
2	8	10100	8	10200	1	2009- 10	2	9,768	14092	2,57	1,16	1,56	0,40	3,00	11,58	0,600	0,30	1,46	0,0108672
3	8	10200	8	10300	1	2009- 10	2	9,403	14092	2,57	1,40	2,02	0,62	4,72	16,04	0,944	0,38	1,78	0,0576962
24	9	1500	9	1600	1	2009- 10	0	8,243	20943	3,82	1,22	2,32	1,10	0,74	7,72	0,148	0,27	1,49	0,6891907
25	9	1600	9	1700	1	2009- 10	0	8,8248	20943	3,82	1,04	1,48	0,44	0,90	6,58	0,180	0,23	1,27	0,04262
26	9	1700	9	1800	1	2009- 10	0	9,2568	20874	3,81	1,38	1,40	0,02	1,14	5,36	0,228	0,30	1,68	0,0793988
27	9	1800	9	1900	1	2009- 10	0	8,1681	20874	3,81	1,20	1,98	0,78	0,94	5,7	0,188	0,27	1,47	0,2592532
28	9	1900	9	2000	1	2009- 10	0	9,7952	20874	3,81	1,04	1,28	0,24	0,84	6,18	0,168	0,23	1,27	0,0001626
29	9	2000	9	2100	1	2009- 10	0	8,4426	20874	3,81	1,28	1,30	0,02	0,48	4,96	0,096	0,27	1,55	0,0645701
32	9	2300	9	2400	1	2009- 10	5	8,0137	20874	3,81	1,10	1,84	0,74	1,16	7,42	0,232	0,29	1,39	0,2014017
34	9	2500	9	2600	1	2009- 10	3	8,2384	20874	3,81	1,56	1,78	0,22	4,40	20,46	0,880	0,43	1,99	0,042653
37	9	2800	9	2900	1	2009- 10	3	9,3785	20874	3,81	1,20	1,72	0,52	3,86	16,72	0,772	0,33	1,53	0,0356337
39	9	3000	9	3100	1	2009- 10	3	6,7496	20874	3,81	2,38	2,68	0,30	3,88	18,1	0,776	0,62	3,00	0,1024026
74	10	100	10	200	1	2009- 10	3	12,903	23422	4,27	1,68	1,72	0,04	3,70	17,52	0,740	0,41	2,09	0,1349899
2	8	10100	8	10200	1	2010- 11	3	9,768	14380	2,62	1,56	2,02	0,46	6,62	18,20	1,324	0,45	2,01	8,156E-05
4	8	10300	8	10400	1	2010- 11	3	7,9706	14380	2,62	1,52	2,37	0,85	9,87	20,82	1,973	0,53	2,04	0,1049596
10	9	100	9	200	1	2010- 11	5	9,9458	14380	2,62	1,10	1,34	0,24	2,38	8,46	0,476	0,28	1,38	0,0013588
11	9	200	9	300	1	2010- 11	4	10,361	14380	2,62	1,24	1,60	0,36	2,76	8,30	0,552	0,31	1,55	0,0027595

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
12	9	300	9	400	1	2010- 11	4	9,0077	14380	2,62	0,84	1,86	1,02	2,62	8,26	0,524	0,24	1,08	0,615236
13	9	400	9	500	1	2010- 11	5	11,139	14380	2,62	1,64	1,78	0,14	2,18	8,62	0,436	0,37	2,01	0,0536076
15	9	600	9	700	1	2010- 11	4	11,568	14380	2,62	1,12	2,52	1,40	2,68	9,02	0,536	0,28	1,40	1,2572103
16	9	700	9	800	1	2010- 11	4	11,265	21370	3,9	1,32	1,50	0,18	3,06	9,88	0,612	0,33	1,65	0,0223111
17	9	800	9	900	1	2010- 11	4	10,29	21370	3,9	1,02	1,98	0,96	4,30	10,86	0,860	0,30	1,32	0,4326326
18	9	900	9	1000	1	2010- 11	4	10,217	21370	3,9	1,04	1,32	0,28	3,66	10,44	0,732	0,29	1,33	0,0001747
21	9	1200	9	1300	1	2010- 11	4	11,096	21370	3,9	1,28	1,40	0,12	3,94	11,66	0,788	0,34	1,62	0,0487299
26	9	1700	9	1800	1	2010- 11	1	9,2568	21300	3,89	1,40	1,80	0,40	1,00	6,36	0,200	0,31	1,71	0,0089717
28	9	1900	9	2000	1	2010- 11	1	9,7952	21300	3,89	1,28	1,62	0,34	0,68	6,86	0,136	0,27	1,55	0,004577
30	9	2100	9	2200	1	2010- 11	1	9,6138	21300	3,89	1,48	1,86	0,38	1,06	5,22	0,212	0,32	1,80	0,0036081
31	9	2200	9	2300	1	2010- 11	1	7,9483	21300	3,89	1,04	1,28	0,24	0,42	4,72	0,084	0,24	1,28	1,247E-05
36	9	2700	9	2800	1	2010- 11	4	9,2932	21300	3,89	1,56	2,64	1,08	6,70	23,78	1,340	0,47	2,03	0,3774402
37	9	2800	9	2900	1	2010- 11	4	9,3785	21300	3,89	1,72	1,96	0,24	4,06	20,78	0,812	0,44	2,16	0,0401627
73	10	0	10	100	1	2010- 11	4	12,398	21300	3,89	1,25	1,62	0,37	5,51	24,16	1,102	0,36	1,61	4,103E-05
74	10	100	10	200	1	2010- 11	4	12,903	23900	4,36	1,72	1,78	0,06	6,36	23,88	1,272	0,47	2,19	0,1697098
75	10	200	10	300	1	2010- 11	4	8,2291	23900	4,36	1,30	1,66	0,36	9,80	18,52	1,960	0,50	1,80	0,0201866
76	10	300	10	400	1	2010- 11	4	8,5665	23900	4,36	1,14	1,40	0,26	5,02	14,46	1,004	0,36	1,50	0,010734
80	10	700	10	800	1	2010- 11	4	12,332	23900	4,36	1,56	2,72	1,16	5,60	15,46	1,120	0,43	1,99	0,5381174
84	10	1100	10	1200	1	2010- 11	4	12,266	23600	4,31	1,80	2,44	0,64	5,92	18,06	1,184	0,48	2,28	0,0257009
87	10	1400	10	1500	1	2010- 11	4	10,578	23850	4,35	1,44	1,98	0,54	6,94	19,62	1,388	0,44	1,88	0,0102832
88	10	1500	10	1600	1	2010- 11	4	9,9667	23850	4,35	0,84	1,10	0,26	6,36	18,92	1,272	0,31	1,15	0,0030053
89	10	1600	10	1700	1	2010- 11	4	11,707	23850	4,35	0,88	1,06	0,18	7,04	19,86	1,408	0,33	1,21	0,0215684
90	10	1700	10	1800	1	2010- 11	4	12,604	23850	4,35	1,10	1,26	0,16	6,58	19,48	1,316	0,36	1,46	0,0388835
91	10	1800	10	1900	1	2010- 11	4	10,29	23850	4,35	0,90	1,90	1,00	7,38	19,56	1,476	0,35	1,25	0,4287531
92	10	1900	10	2000	1	2010- 11	4	9,8117	23850	4,35	0,98	1,78	0,80	6,12	18,7	1,224	0,34	1,32	0,2131609
93	10	2000	10	2100	1	2010- 11	4	14,675	23850	4,35	1,14	1,36	0,22	7,10	20,48	1,420	0,37	1,51	0,0232634
94	10	2100	10	2200	1	2010- 11	4	10,307	23850	4,35	1,14	1,82	0,68	7,04	19,78	1,408	0,38	1,52	0,0873595
96	10	2300	10	2400	1	2010- 11	4	14,02	23850	4,35	1,58	1,66	0,08	3,46	19,28	0,692	0,38	1,96	0,0913678
98	10	2500	10	2600	1	2010- 11	4	9,6365	24480	4,47	1,44	2,58	1,14	4,58	14	0,916	0,40	1,84	0,5513744
99	10	2600	10	2700	1	2010- 11	4	7,2986	24480	4,47	1,24	1,76	0,52	5,62	13,58	1,124	0,44	1,68	0,006961

No	From		Til		Lane	Season ("year 1"- "year 2")	AGE	SNP	AADT	YE4	IRI- "year 1"	IRI- "year 2" measured	ΔRI measured	ΔRDM measured	Rutting- "year 2" measured	ΔRDS standard dev. rut depth	ΔRI calculated	IRI- "year 2" calculated	(IRI- "year 2" measured - IRI "year 2"- calculated)²
	Hp	M	Hp	M															
100	10	2700	10	2800	1	2010- 11	4	9,1851	24480	4,47	1,64	2,04	0,40	4,24	11,64	0,848	0,43	2,07	0,0011955

∑ 40,43344

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Appendix 14

Calculations of SNP according for the 1st method

No	Middel		Felt,	Layer 1			Layer 2		Layer 3	Layer 4	Zm	Zj	SNBASU	CBR	SNSUBG	SNSUBA	SNP-
	Hp	M	lane	mm	Type	ai	mm	ai	mm	mm				subgrade			method 1
1	8	10000	1	280	AM	0,4	110	0,32	0	0	0	390	5,800	15,696	1,551795	1,631661	8,983
2	8	10050	1	315	AM	0,4	150	0,32	0	0	0	465	6,856	15,000	1,522368	1,847698	10,226
3	8	10100	1	318	AM	0,4	0	0,32	0	0	0	318	5,012	18,941	1,666681	1,392648	8,071
4	8	10149	1	240	AM	0,4	150	0,32	150	0	150	540	5,674	15,000	2,160672	2,03373	9,868
5	8	10199	1	260	AM	0,4	140	0,32	150	0	150	550	5,863	15,000	2,160672	2,056471	10,080
7	8	10300	1	260	AM	0,4	160	0,32	0	620	620	420	6,115	15,000	2,429383	1,721918	10,266
8	8	10350	1	240	AM	0,4	160	0,32	0	600	600	400	5,800	15,000	2,428272	1,662335	9,890
9	8	10399	1	252	AM	0,4	170	0,32	0	600	600	422	6,115	15,000	2,428272	1,727749	10,271
10	9	50	1	310	AM	0,4	140	0,32	0	510	510	450	6,651	15,000	2,420346	1,807013	10,878
11	9	100	1	320	AM	0,4	100	0,32	0	630	630	420	6,304	15,000	2,429876	1,721918	10,456
12	9	150	1	340	AM	0,4	80	0,32	170	500	670	590	6,367	15,000	2,431495	2,142943	10,941
13	9	200	1	320	AM	0,4	70	0,32	0	550	550	390	5,926	15,000	2,424575	1,631661	9,982
14	9	250	1	310	AM	0,4	600	0,32	0	550	550	910	12,450	15,000	2,424575	2,629419	17,504
15	9	300	1	320	AM	0,4	80	0,32	0	710	710	400	6,052	15,000	2,432671	1,662335	10,147
17	9	400	1	120	concrete	0,45	0	0,32	0	650	650	120	2,128	15,000	2,43075	0,565828	5,124
18	9	449	1	106	concrete	0,45	0	0,32	0	650	650	106	1,879	15,000	2,43075	0,499485	4,810
19	9	500	1	112	concrete	0,45	0	0,32	0	650	650	112	1,986	15,000	2,43075	0,52799	4,945
21	9	600	1	318	AM	0,4	140	0,32	0	620	620	458	6,777	15,000	2,429383	1,828863	11,035
22	9	649	1	330	AM	0,4	600	0,32			0	930	12,766	16,169	1,570687	2,650443	16,987
23	9	699	1	330	AM	0,4	150	0,32	25000	400	25400	25480	7,092	15,000	2,435789	3,147933	12,676
25	9	850	1	320	AM	0,4	130	0,32	160	440	600	610	6,682	15,000	2,428272	2,183602	11,294
26	9	899	1	290	AM	0,4	120	0,32	150	500	650	560	6,083	15,000	2,43075	2,078754	10,593
27	9	949	1	310	AM	0,4	140	0,32	180	530	710	630	6,651	15,000	2,432671	2,22263	11,306
28	9	1000	1	300	AM	0,4	160	0,32	230	480	710	690	6,745	15,000	2,432671	2,330547	11,508
29	9	1049	1	320	AM	0,4	260	0,32	0	500	500	580	8,321	15,000	2,419059	2,121982	12,862
30	9	1100	1	320	AM	0,4	270	0,32	0	510	510	590	8,447	15,000	2,420346	2,142943	13,011
31	9	1149	1	281	AM	0,4	220	0,32	0	0	0	501	7,202	15,000	1,522368	1,940504	10,665
32	9	1200	1	320	AM	0,4	190	0,32	0	0	0	510	7,439	15,000	1,522368	1,962675	10,924
33	9	1250	1	310	AM	0,4	190	0,32	0	0	0	500	7,281	15,000	1,522368	1,938016	10,742
34	9	1299	1	284	AM	0,4	160	0,32	110	450	560	554	6,493	15,000	2,425437	2,065439	10,984
35	9	1350	1	300	AM	0,4	190	0,32	0	480	480	490	7,124	15,000	2,416157	1,912855	11,453

No	Middel		Felt,	Layer 1			Layer 2		Layer 3	Layer 4	Zm	Zj	SNBASU	CBR	SNSUBG	SNSUBA	SNP-
	Hp	M	lane	mm	Type	ai	mm	ai	mm	mm				subgrade			method 1
36	9	1399	1	280	AM	0,4	150	0,32	0	540	540	430	6,304	15,000	2,423641	1,750845	10,478
37	9	1450	1	270	AM	0,4	160	0,32	0	500	500	430	6,272	15,000	2,419059	1,750845	10,442
38	9	1500	1	260	AM	0,4	130	0,32	900	550	1450	1290	5,737	15,000	2,435781	2,911794	11,084
39	9	1549	1	230	AM	0,4	180	0,32	150	480	630	560	5,894	15,000	2,429876	2,078754	10,403
40	9	1600	1	260	AM	0,4	170	0,32	250	0	250	680	6,241	15,000	2,312171	2,313472	10,867
41	9	1649	1	240	AM	0,4	180	0,32	280	0	280	700	6,052	15,000	2,338548	2,347274	10,738
42	9	1700	1	249	AM	0,4	110	0,32	0	700	700	359	5,311	15,000	2,432412	1,532726	9,276
43	9	1750	1	293	AM	0,4	130	0,32	100	510	610	523	6,257	15,000	2,42885	1,993996	10,680
44	9	1799	1	320	AM	0,4	140	0,32	180	0	180	640	6,808	15,000	2,219374	2,241552	11,269
45	9	1850	1	290	AM	0,4	160	0,32	0	0	0	450	6,588	15,000	1,522368	1,807013	9,917
46	9	1899	1	240	AM	0,4	140	0,32	170	0	170	550	5,548	15,000	2,20135	2,056471	9,805
47	9	1950	1	240	AM	0,4	90	0,32	230	0	230	560	4,917	15,000	2,290722	2,078754	9,287
48	9	2000	1	250	AM	0,4	150	0,32	180	610	790	580	5,831	15,000	2,434145	2,121982	10,387
49	9	2049	1	290	AM	0,4	300	0,32	0	710	710	590	8,353	15,000	2,432671	2,142943	12,928
50	9	2099	1	280	AM	0,4	100	0,32	0	1000	1000	380	5,674	15,000	2,435483	1,600387	9,709
51	9	2150	1	280	AM	0,4	180	0,32	0	680	680	460	6,682	15,000	2,431825	1,834271	10,948
52	9	2200	1	330	AM	0,4	160	0,32	0	760	760	490	7,218	15,000	2,433699	1,912855	11,565
54	9	2299	1	220	AM	0,4	140	0,32	0	740	740	360	5,232	15,000	2,433337	1,53601	9,202
55	9	2349	1	260	AM	0,4	150	0,32	0	750	750	410	5,989	15,000	2,433525	1,692418	10,115
56	9	2400	1	260	AM	0,4	180	0,32	0	660	660	440	6,367	15,000	2,431138	1,779207	10,577
57	9	2450	1	303	AM	0,4	170	0,32	0	0	0	473	6,919	15,000	1,522368	1,868904	10,310
58	9	2500	1	290	AM	0,4	180	0,32	0	0	0	470	6,840	15,000	1,522368	1,860992	10,223
59	9	2549	1	290	AM	0,4	180	0,32	0	0	0	470	6,840	15,000	1,522368	1,860992	10,223
60	9	2599	1	270	AM	0,4	0	0,32	0	0	0	270	4,255	15,000	1,522368	1,214814	6,992
61	9	2650	1	240	AM	0,4	150	0,32	0	0	0	390	5,674	15,000	1,522368	1,631661	8,828
62	9	2700	1	250	AM	0,4	130	0,32	0	0	0	380	5,579	15,000	1,522368	1,600387	8,702
63	9	2750	1	353	AM	0,4	150	0,32	0	550	550	503	7,454	15,000	2,424575	1,945466	11,825
64	9	2799	1	310	AM	0,4	0	0,32	0	580	580	310	4,886	15,000	2,426968	1,364057	8,677
65	9	2849	1	290	AM	0,4	0	0,32	0	0	0	290	4,570	15,000	1,522368	1,290751	7,384
66	9	2900	1	310	AM	0,4	0	0,32	0	530	530	310	4,886	15,000	2,422629	1,364057	8,672
67	9	2950	1	310	AM	0,4	260	0,32	0	0	0	570	8,164	15,000	1,522368	2,100588	11,787

	Middel		Felt,	Layer 1			Layer 2		Layer 3	Layer 4				CBR			SNP-
No	Hp	M	lane	mm	Type	ai	mm	ai	mm	mm	Zm	Zj	SNBASU	subgrade	SNSUBG	SNSUBA	method 1
68	9	3000	1	210	AM	0,4	330	0,32	0	0	0	540	7,470	15,000	1,522368	2,03373	11,026
69	9	3049	1	270	AM	0,4	200	0,32	0	450	450	470	6,777	15,000	2,410831	1,860992	11,049
70	9	3099	1	371	AM	0,4	160	0,32	0	570	570	531	7,864	15,000	2,426233	2,012865	12,303
71	9	3150	1	380	AM	0,4	130	0,32	170	0	170	680	7,628	15,000	2,20135	2,313472	12,143
72	9	3200	1	460	AM	0,4	130	0,32	190	0	190	780	8,889	15,000	2,236013	2,469375	13,594
73	9	3250	1	600	AM	0,4	150	0,32	150	0	150	900	11,347	15,000	2,160672	2,618576	16,126
74	10	50	1	328	AM	0,4	120	0,32	140	660	800	588	6,682	15,000	2,434272	2,138785	11,255
75	10	100	1	400	AM	0,4	120	0,32	150	0	150	670	7,817	28,923	2,673956	2,296043	12,787
76	10	150	1	380	AM	0,4	150	0,32	150	0	150	680	7,880	19,961	2,408168	2,313472	12,602
77	10	200	1	370	AM	0,4	140	0,32	0	900	900	510	7,596	15,000	2,435107	1,962675	11,994
78	10	250	1	330	AM	0,4	150	0,32	0	730	730	480	7,092	15,000	2,433132	1,887183	11,412
79	10	300	1	350	AM	0,4	0	0,32	0	840	840	350	5,516	15,000	2,434687	1,502891	9,454
80	10	349	1	370	AM	0,4	150	0,32	0	0	0	520	7,722	15,000	1,522368	1,986841	11,232
81	10	400	1	350	AM	0,4	150	0,32	0	580	580	500	7,407	15,000	2,426968	1,938016	11,772
82	10	449	1	500	AM	0,4	150	0,32	0	0	0	650	9,771	15,000	1,522368	2,26009	13,554
83	10	500	1	520	AM	0,4	140	0,32	0	0	0	660	9,960	15,000	1,522368	2,278251	13,761
84	10	550	1	420	AM	0,4	0	0,32	0	0	0	420	6,619	21,600	1,740282	1,721918	10,081
85	10	600	1	490	AM	0,4	150	0,32	150	0	150	790	9,614	22,348	2,49573	2,483269	14,593
86	10	649	1	410	AM	0,4	150	0,32	150	0	150	710	8,353	15,000	2,160672	2,36366	12,877
87	10	699	1	420	AM	0,4	150	0,32	150	0	150	720	8,510	15,000	2,160672	2,379712	13,051
88	10	750	1	360	AM	0,4	150	0,32	0	0	0	510	7,565	15,000	1,522368	1,962675	11,050
89	10	800	1	381	AM	0,4	130	0,32	150	0	150	661	7,644	15,000	2,160672	2,280047	12,084
90	10	850	1	390	AM	0,4	130	0,32	0	0	0	520	7,785	15,000	1,522368	1,986841	11,295
91	10	899	1	460	AM	0,4	130	0,32	140	0	140	730	8,889	15,000	2,137758	2,395437	13,422
92	10	949	1	556	AM	0,4	150	0,32	150	0	150	856	10,654	19,799	2,401623	2,568113	15,623
93	10	1000	1	530	AM	0,4	150	0,32	150	0	150	830	10,244	15,000	2,160672	2,536063	14,941
94	10	1049	1	370	AM	0,4	140	0,32	140	240	380	650	7,596	15,000	2,392096	2,26009	12,249
95	10	1100	1	390	AM	0,4	130	0,32	130	330	460	650	7,785	15,000	2,41275	2,26009	12,458
96	10	1149	1	460	AM	0,4	170	0,32	330	240	570	960	9,393	29,770	3,022893	2,680393	15,096
97	10	1250	1	322	AM	0,4	170	0,32	0	0	0	492	7,218	15,000	1,522368	1,917928	10,658
98	10	1299	1	320	AM	0,4	180	0,32	0	0	0	500	7,313	15,000	1,522368	1,938016	10,773

No	Middel		Felt,	Layer 1			Layer 2		Layer 3	Layer 4	Zm	Zj	SNBASU	CBR	SNSUBG	SNSUBA	SNP-
	Hp	M	lane	mm	Type	ai	mm	ai	mm	mm				subgrade			method 1
99	10	1350	1	380	AM	0,4	150	0,32	160	0	160	690	7,880	15,000	2,181824	2,330547	12,392
100	10	1399	1	384	AM	0,4	150	0,32	130	0	130	664	7,943	15,000	2,112936	2,285412	12,341
101	10	1450	1	390	AM	0,4	130	0,32	0	0	0	520	7,785	15,000	1,522368	1,986841	11,295
102	10	1500	1	350	AM	0,4	150	0,32	290	0	290	790	7,407	15,000	2,346024	2,483269	12,236
103	10	1549	1	359	AM	0,4	150	0,32	0	0	0	509	7,549	15,000	1,522368	1,960231	11,032
104	10	1600	1	359	AM	0,4	170	0,32	0	0	0	529	7,801	15,000	1,522368	2,008177	11,332
105	10	1649	1	331	AM	0,4	220	0,32	170	0	170	721	7,990	15,000	2,20135	2,381299	12,573
106	10	1700	1	390	AM	0,4	190	0,32	250	0	250	830	8,542	15,000	2,312171	2,536063	13,390
107	10	1750	1	359	AM	0,4	250	0,32	0	0	0	609	8,810	15,000	1,522368	2,181609	12,514
108	10	1799	1	410	AM	0,4	210	0,32	220	0	220	840	9,109	15,000	2,27864	2,548594	13,937
109	10	1850	1	403	AM	0,4	160	0,32	160	0	160	723	8,369	15,000	2,181824	2,384464	12,935
110	10	1899	1	359	AM	0,4	170	0,32	160	0	160	689	7,801	15,000	2,181824	2,328855	12,312
111	10	1950	1	381	AM	0,4	170	0,32	170	0	170	721	8,148	15,000	2,20135	2,381299	12,731
112	10	2000	1	350	AM	0,4	160	0,32	150	450	600	660	7,533	15,000	2,428272	2,278251	12,240
113	10	2049	1	365	AM	0,4	170	0,32	150	470	620	685	7,896	15,000	2,429383	2,322054	12,647
114	10	2099	1	400	AM	0,4	260	0,32	150	0	150	810	9,582	15,000	2,160672	2,510211	14,253
115	10	2150	1	430	AM	0,4	230	0,32	150	0	150	810	9,677	15,000	2,160672	2,510211	14,348
116	10	2200	1	440	AM	0,4	180	0,32	150	0	150	770	9,204	15,000	2,160672	2,455191	13,820
117	10	2250	1	420	AM	0,4	130	0,32	150	0	150	700	8,258	15,000	2,160672	2,347274	12,766
118	10	2299	1	450	AM	0,4	160	0,32	0	0	0	610	9,109	15,000	1,522368	2,183602	12,815
119	10	2349	1	520	AM	0,4	200	0,32	0	0	0	720	10,717	15,000	1,522368	2,379712	14,619
120	10	2400	1	564	AM	0,4	180	0,32	180	0	180	924	11,158	15,000	2,219374	2,644227	16,022
121	10	2450	1	600	AM	0,4	150	0,32	0	0	0	750	11,347	15,000	1,522368	2,42593	15,295
122	10	2500	1	475	AM	0,4	150	0,32	0	0	0	625	9,377	25,739	1,829875	2,213023	13,420
124	10	2599	1	430	AM	0,4	100	0,32	0	550	550	530	8,038	15,000	2,424575	2,010523	12,473
125	10	2650	1	250	AM	0,4	150	0,32	230	0	230	630	5,831	15,000	2,290722	2,22263	10,345
126	10	2700	1	230	AM	0,4	140	0,32	0	430	430	370	5,390	15,000	2,406501	1,568506	9,365
127	10	2750	1	210	AM	0,4	110	0,32	120	410	530	440	4,696	15,000	2,422629	1,779207	8,898
128	10	2799	1	250	AM	0,4	100	0,32	80	520	600	430	5,201	15,000	2,428272	1,750845	9,380