

John Perry

From: Hayward, David
Sent: 03 April 2018 17:01
To: Perry, John
Cc: Berridge, Louise; Wood, Stuart; Mountain, Steve
Subject: RE: Parameters of the Hayling Island microsimulation

Dear Cllr Perry

I've just discussed the matter. There is work being done in the background to validate the model, particularly with HCC's Bluetooth data – ie to make sure that the baseline matches reality. I'm sure you'd agree that this is important. There are some technical issues with getting access to the raw data which Systra need in order to validate the journey times and make sure that anomalous journeys (eg a post van) have been sieved. For the northern part of the A3023 this includes people stopping at either of the two petrol stations which obviously 'artificially' increases the journey time.

Once we are at a point where there is a validated model then we will arrange a session for the island's ward members to go over the model, including its validation and matching with the reality that's been observed through the Bluetooth data. We can then have a thorough discussion about the model, the results coming out and the implications of those.

I hope that helps to answer the questions. I apologise for the longer than anticipated timeframe however I'm sure you'd agree that making sure that the model replicates the reality of the journey time data is key.

All the best

David

David Hayward

Planning Policy Manager
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From: Perry, John
Sent: 02 April 2018 23:24
To: Hayward, David <david.hayward@havant.gov.uk>
Cc: Berridge, Louise <Louise.Berridge@havant.gov.uk>; Wood, Stuart <Stuart.Wood@havant.gov.uk>; Mountain, Steve <Steve.Mountain@havant.gov.uk>
Subject: RE: Parameters of the Hayling Island microsimulation

David

Have there been any further developments on the identification of the parameters and the audit trail from the first run of the simulation to the final run so that we can see what is being adjusted to “prove” the status?

Kind regards

John Perry
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From: Hayward, David
Sent: 12 March 2018 12:04
To: Perry, John <John.Perry@havant.gov.uk>
Cc: Berridge, Louise <Louise.Berridge@havant.gov.uk>; Wood, Stuart <Stuart.Wood@havant.gov.uk>; Mountain, Steve <Steve.Mountain@havant.gov.uk>
Subject: RE: Parameters of the Hayling Island microsimulation

Dear Cllr Perry

I'll discuss further with Stuart and Louise who are directly managing the project. However Louise is on leave this week so although we'll get back to you as soon we can, it may not be this week.

I would just note though that for Hayling Island, we are principally using the microsimulation model (which has also been referred to as the Paramics model). Whilst the SRTM is a zone based model, the microsimulation is not. Indeed it may be that the two page 'summary' that Ian was referring to was the map of the zones across the Borough perhaps (which I think is an A3 pdf if memory serves). The baseline model for the SRTM is available now. However this is not what we are using to look at the highway network, the pressure that new development would cause and any mitigation measures. The microsimulation model offers a far finer level of detail to enable those decisions to be made.

I'm certainly conscious of, and agree with, the need for a clear audit trail.

Thanks

David

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From: Perry, John
Sent: 10 March 2018 20:24

To: Hayward, David <david.hayward@havant.gov.uk>
Subject: RE: Parameters of the Hayling Island microsimulation

David

I could really do with some help on this.

If the parameters are being discussed, then surely there must be some baseline parameters in the model for the model to work at all. If I recall correctly there were 7 or 9 zones on Hayling, with presumably parameters that are available now; indeed, I was led to believe the parameters for Hayling are available and were a page or two.

Could I please have a copy of the initial parameters, so that we can justify any changes in parameters that will be used to justify the 2036 plan, which presumably cannot be finalised for Hayling until the microsimulation model output is agreed.

We should be determined to prevent residents claiming that the parameters have been set to rationalise meeting the housebuilding targets for Hayling with little or no infrastructure improvements and instead that the parameters were set on good sound reasons before the model is run.

Keeping an audit trail of the parameters for each run is vital, and so I would like to receive a copy of the parameters and output before each run is authorised.

Thank you

Kind regards

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From: Hayward, David
Sent: 05 March 2018 12:47
To: Perry, John <John.Perry@havant.gov.uk>
Cc: Wood, Stuart <Stuart.Wood@havant.gov.uk>; Berridge, Louise <Louise.Berridge@havant.gov.uk>; [REDACTED] <[REDACTED]@systra.com>; [REDACTED] <[REDACTED]@systra.com>
Subject: Parameters of the Hayling Island microsimulation

Dear Cllr Perry

Following our discussion at the DCF I've looked into the situation with the parameters for the Hayling Island microsimulation model. These are still ultimately being discussed between ourselves and Systra as the model has not yet been validated. As a result, unfortunately there isn't anything that can be passed on at this stage.

We certainly will bring the microsimulation model to the Infrastructure Group as soon as we can because it's obviously a key discussion topic.

I hope that makes sense. As always please let me know if there's anything you'd like to discuss.

All the best

David

David Hayward

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