

### **SITE VISIT WITH STUDENTS FOR PRACTICAL DEMONSTRATION OF WORK (7 Nos.)**

1. A site visit was carried out on construction of road project of 5.8km Main Road from Seelong Road to Taman Impian Emas, Johor Bahru for the students of semester 201420152 on 08 May 2015. Owner: Amber Heights Sdn. Bhd and the Builder: Woon Brothers Sdn. Bhd.
2. A visual inspection was carried out on 12 April 2015 for the students of semester 201420152 of inner roads of University Technology Malaysia (UTM), Johor Bahru, for determining the deterioration of roads [Pavement Condition Index (PCI)] for rehabilitation strategies
3. Visual inspection was carried out on 20 November 2014 for the students of semester 201420151 of inner roads of University Technology Malaysia (UTM), Johor Bahru for determining the deterioration of roads [Pavement Condition Index (PCI)] for rehabilitation strategies.
4. Demonstration of Chipseal was carried out on 12.April 2014 at Jalan Sungai Kluang, Ayer Hitam, Johor Bahru with 29 Master students of semester 201320142 to gain the practical work at site, the work was carried out by Bina Masyhur Sdn. Bhd, a member of Selia Selenggara group.
5. Visual inspection of inner roads of University Technology Malaysia (UTM), Johor Bahru for determining the deterioration of roads [Pavement Condition Index (PCI)] for rehabilitation strategies for the students of semester 201320142 on 16 March 2014.
6. Demonstration of latest road deterioration measurement equipment including Falling Weight Deflectometer (FWD), Road Scanner, Grip tester and almost all equipment presently available in Malaysia by Selia Selenggara Selatan Sdn. Bhd. Meleka with 21 PhD and Master students for the semester 201320141 on 15 January 2014.
7. Cold in-place recycling work at Batu Enam, Segamat district, Johor Bahru with 31 PhD and Master students of semester 201220132 to gain the practical work including milling and laying work, the work was carried out by Bina Masyhur Sdn. Bhd, a member of Selia Selenggara group on 05.April 2013

### **POSTGRADUATE THESIS/PROJECT ASSESSMENT AND EXAMINATIONS (60 Nos.)**

1. Panel assessor to a Master Thesis entitled "Application of Diatomite as Anti-clogging Agent for Porous Asphalt" Nor Asniza Binti Mohamed Abdullah, MKA 143007, May 2015.
2. Panel assessor to a Master Thesis entitled "Experimental Evaluation of Diatomite as Anti-stripping in Porous Asphalt Mixtures" Nurul Athma Binti Mohd Shukry, MKA 143003, May 2015.
3. Panel assessor to a Master Thesis entitled "Effect of Coconut Fiber and Coconut Shell on the Properties of Double Layer Porous Asphalt Pavement" Tay Lay Ting, MKA143008, May 2015.

4. Panel assessor to a Doctorial Thesis entitled "The Application of Waste Cooking Oil (WCO) as Bio Asphalt for Binder Modification in Porous Mix Asphalt" Wan Nur Aifa Binti Wan Azahar PKA143021, May 2015.
5. Panel assessor to a Doctorial Thesis entitled "Green Highway Life Cycle Costing by Using Linear Programming" Muhammad Faiz Bin Abd Rahman (870510015923), April 2015.
6. Panel assessor to a Doctorial Thesis entitled "Properties of Porous Concrete Pavement Containing Nano-Silica" Mohd Ibrahim Bin Mohd Yusak (881118016263), April 2015.
7. Panel assessor to a Doctorial Thesis entitled "Laboratory Evaluation of Bio-Asphalt as sustainable binder for Hot Mix Asphalt" Noor Azah Binti Abdul Raman (740913075044), April 2015.
8. Panel assessor to a Master Thesis entitled "Parking Demand Triend at Machap Rest Area" Muhammad Syimir Bin Abd Wahab (890601-05-5195/MA131016), December 2014.
9. Panel assessor to a Master Thesis entitled "A Study on Parking Generation at Government Office Building in Perak" Abdul Razak Ali (670613-08-6111/MA131070), December 2014.
10. Panel assessor to a Master Thesis entitled "Properties of Asphaltic Concrete AC 14 containing Coconut Shell as Course Aggregates" Siti Nur Amiera Jeffry (890212-13-6004/MA 131023), December 2014.
11. Panel assessor to a Master Thesis entitled "The Effects of Coconut Shell on the Engineering Properties of Porous Asphalt" Norhafizah Binti Manap (830426-04-5090/MA131019), December 2014.
12. Panel assessor to a Master Thesis entitled "Effect on Effort of Compaction on Hot Mix Asphalt" Mohd Amirul Hakim Bin Md Noor, (900806-01-6495/MA131082), December 2014.
13. Panel assessor to a Master Thesis entitled "Rheological Properties of Polyethylene Modified Bitumen" Moazzam Ali Mughal, (201308M10025/MA131001), December 2014.
14. Panel assessor to a Master Thesis entitled "Effect on Effort of Compaction on Warm Mix Asphalt" Azim Bin Abdul Razak, (900806-01-6495/MA131082), December 2014
15. Panel assessor to a Doctorial Thesis entitled "Performance of Asphalt Binder Blended with Modified Nanoclay on The Engineering Properties of Porous Asphalt" Nurulain Bte Che` Mat, November 2014.
16. Panel assessor to a Doctorial Thesis entitled "Utilizing Bio- Binder from Coconut Shell to Improve the Properties of Asphalt Performance" Rosmawati Mamat, November 2014.
17. Panel assessor to a Doctorial Thesis entitled "Studies on Parking Generation at Expressway Rest Areas in Southern Peninsular Malaysia" Izzul Bin Ramli, October 2014.
18. Panel assessor to a Doctorial Thesis entitled "Permeability and Clogging Properties for Porous Asphalt Friction Course" Mohd Zul Hanif Mahmud, October 2014.

19. Panel assessor to a Master Project entitled "Influence of Crumb Rubber Size in Hot Mix Asphalt Mixture" Gizing Sami Hamad, May 2014.
20. Panel assessor to a Master Pre-project entitled "The effect of coconut shell on engineering properties of porous asphalt" Norhafizah Binti Manap, May 2014.
21. Panel assessor to a Master pre-project entitled "Evaluation of effect in compaction of Hot Mix Asphalt (HMA)" Mohd Amirul Hakim Bin Md. Noor, May 2014.
22. Panel assessor to a Doctorial Thesis entitled "Laboratory Evaluation of Bio-Asphalt as sustainable binder for Hot Mix Asphalt" Noor Azah Binti Abdul Raman (740913075044), April 2014.
23. Panel assessor to a Doctorial Thesis entitled "Properties of Porous Concrete Pavement Containing Nano-Silica" Mohd Ibrahim Bin Mohd Yusak (881118016263), April 2014.
24. Panel assessor to a Doctorial Thesis entitled "Automated Decision Making Model for Green Highway Life Cycle Cost by Using Linear Programming Method" Muhammad Faiz Bin Abd Rahman (870510015923), April 2014.
25. Panel assessor to a Doctorial Thesis entitled "Performance of Recycled Mixture Containing Waste Engine Oil in Warm Mix Asphalt" Nurul Hidayah Binti Mohd Kamaruddin, March 2014.
26. Panel assessor to a Master Project entitled "Influence of Flaky Aggregates on Stone Mastic Asphalt (SMA)" Mohammed Mansoor Mofreh Gubran, December 2013.
27. Panel assessor to a Master Project entitled "Performance of Underside Shaped Concrete Block Pavement Under Horizontal Loading" Nur Nadhira Binti Abdul Rasid, December 2013.
28. Panel assessor to a Master Project entitled "The Effect of Rubber Bitumen Interaction on the properties of Dry Mixed Rubberised Asphalt Mixture" Abdul Warith Ibrahim Bibi Farouk, December 2013.
29. Panel assessor to a Master Project entitled "The Effect of Crumb Rubber Size and Content on the Properties of Dry Mixed Rubberised Asphalt Mixtures" Ali Abdul Hussein Abdul Ridha, December 2013.
30. Panel assessor to a Master Project entitled "Investigation of the Macro Structure Properties of Porous Asphalt" Kabiru Abdullahi Ahmad, December 2013.
31. Panel assessor to a Master Pre-project entitled "Influence of Crumb Rubber Size in Hot Mix Asphalt" Gizing Sami Hamad, December 2013.
32. Panel assessor to a Doctorial Thesis entitled "Permeability and Clogging Behaviour for Asphalt Mixtures under Tropical Climate" Mohd Zul Hanif Mahmud, November 2013.
33. Panel assessor to a Doctorial Thesis entitled "Porous Concrete Block Pavement" Nur Hidayah Abd Halim, November 2013

34. Panel assessor to a Master Pre-project entitled "Performance of Dry mixed Rubberised Asphalt with Different Sizes of Crumb Rubber" Ali Abdul Hussein Abdul Ridha, July 2013.
35. Panel assessor to a Master Project entitled "The Effect of Aging on Asphaltic Concrete Containing Rubber by Using Loss Abrasion" Diana Binti Naubi, July 2013.
36. Panel assessor to a Master Project entitled "Effect of Palm Oil Fuel Ash (POFA) Fineness on the Mechanical Properties of Asphaltic Concrete AC 14" Maleka Abdul Malik Musa, July 2013.
37. Panel assessor to a Master Project entitled "The Effect of Time Dependent on Absorption of Asphaltic Concrete and Subjected to Aging" Thanwa Filza Binti Nashruddin, May 2013.
38. Panel assessor to a Master Project entitled "Effect of using Ethylene Vinyl Acetate (EVA) Polymer on Asphalt Pavement" Nurulain Bte Che Mat, May 2013.
39. Panel assessor to a Doctorial Thesis entitled "Assessment Model for Material and Technology Elements in Green Highway Index" Mastura Bujang, April 2013.
40. Panel assessor to a Master Project entitled "Engineering Properties and Performance of Waste Engine Oil in Warm Mix Asphalt" Nurul Hidayah Mohd Kamaruddin, April 2013.
41. Panel assessor to a Doctorial Thesis entitled "Porous Concrete Block Pavement" Nur Hidayah Abd Halim, January 2013.
42. Panel assessor to a Master Project entitled "The construction of road diversion in swampy area at Jalan Lencongan Kurong Tengah, Perlis, case study" Noor Izaidah Binti Md Nasir, December 2012.
43. Panel assessor to a Doctorial Thesis entitled "Influence of Raised intersection on traffic flow and delay" Seyed Mehrdad Ghaemi, December 2012.
44. Panel assessor to a Master Project entitled "Effect of flaky aggregates on AC 14" Mohd Daud Bin Jarkasi, December 2012.
45. Panel assessor to a Master Project entitled "Effect of aging on asphalt mix" Ali Moghaddasi, December 2012.
46. Panel assessor to a Master Project entitled "Effect of fine aggregate angularity on rutting resistance on AC 10" Izzul Bin Ramli, December 2012.
47. Panel assessor to a Master Project entitled "Effect of flaky aggregate on Marshall properties for asphaltic concrete AC 20" Zaini Bin Abd. Karim, December 2012.
48. Panel assessor to a Master Project entitled "Influence of flaky aggregate toward creep and resilient modulus on AC 20" Mohd Zul Hanif Bin Mahmud, December 2012.

49. Panel assessor to a Master Project entitled "Utilization of builders debris' recycled aggregates in asphaltic binder course aggregate" Ahmad M. Abu Draz, December 2012.
50. Panel assessor to a Master Project entitled "Flaky aggregates effect on creep and resilient modulus of AC 14" Muhammad Faiz Bin Abd Rahman, December 2012.
51. Panel assessor to a Master Project entitled "The effect of fine aggregates angularity on Marshall properties of AC 14" Khairil Azman Bin Masri, December 2012.
52. Panel assessor to a Master Project entitled "The effect of rubber dipping by-product on bitumen properties" Ruzaini Binti Mohamad Khalid, December 2012.
53. Panel assessor to a Master Pre-project entitled "Effect of using Ethylene Vinyl Acetate (EVA) polymer on asphalt pavement" Nurulain Che Mat, December 2012.
54. Panel assessor to a Master Pre-project entitled "The effect of asphaltic concrete on absorption subjected to aging" Thanwa Fiilza Nashruddin, December 2012.
55. Panel assessor to a Master Pre-project entitled "Evaluation of abrasion loss on asphaltic concrete subjected to aging" Abdirizak Osman Dawlad, December 2012.
56. Panel assessor to a Master Pre-project entitled "Tack coat evaluation" Liew Yee Shian, December 2012.
57. Panel assessor to a Master Pre-project entitled "Tack coat evaluation" Vrida Ingrid Vellan, December 2012.
58. Panel assessor to a Doctorial Thesis entitled "Recycling of hot mix asphalt mixture" Mohd Khairul Idham Bin Mohd Satar, November 2012.
59. Panel assessor to a Doctorial Thesis entitled "Evaluation of the performance of bond strength between pavement surfacing layers" Chang Fung-Lung, November 2012.
60. Panel assessor to a Doctorial Thesis entitled "Mid block u-turn facility" Iman Abbaszadeh Fallah, November 2012.

#### **UNDERGRADUATE FINAL YEAR PROJECT ASSESSMENT AND EXAMINATIONS (37 Nos.)**

1. Panel assessor to a Undergraduate Project "Effect of Shear Resistance of the Bedding Sand on the Underside Shape Concrete Block (USCB)" Nor Syafira Bt Muzamil, June 2015.
2. Panel assessor to a Undergraduate Project "Performance of Cold Mix Asphalt using Medium Setting Emulsion" Nor Arifah Binti Mispan, June 2015.

3. Panel assessor to a Undergraduate Project "Effect of Air Voids Content and Soaking Time on the Performance of Porous Asphalt" Siti Noorafiffah Munirah Bt Che Mohd Rosli, June 2015.
4. Panel assessor to a Undergraduate Project "Shear Resistance of Bedding Soil on Underside Shaped Concrete Block" Nur Ayunni Fatin B Mazlan, June 2015.
5. Panel assessor to a Undergraduate Project "The Properties of Virgin Asphalt Blended with Waste Engine Oil and Artificial Aged Asphalt Binder" Nur Shahira Binti Samsuri, June 2015.
6. Panel assessor to a Undergraduate Project "Left Turning Vehicles Bypassing Signalized Intersection" Diana Mutia Binti Naziruddin, June 2015.
7. Panel assessor to a Undergraduate Project "Calibration of Automatic Traffic Counter using Video Recording" Arif Bin Mohd Arshad, June 2015.
8. Panel assessor to a Undergraduate Project "Performance of Multiple Blended Binders on the Properties of Concrete Pavement" Tan Huan Chan, June 2015.
9. Panel assessor to a Undergraduate Project "Comparison between Point and Segmented Flow for Two-lane Single Carriageway Road" Siti Farhana Binti Abd Ghani, June 2015.
10. Panel assessor to a Undergraduate Project "Concrete Block Pavement without Edge Restrain" Al-Amin B Jamaluddin, June 2015.
11. Panel assessor to a Undergraduate Project "Measuring Passenger Car Equivalent at Signalized Intersection" Nailly Izzaty Binti Mat Sidek, June 2015.
12. Panel assessor to a Undergraduate Project "Effect of Rainfall on Speed-flow-density Relationship at Night in Terengganu" Nurul'azizah Mukhlas, June 2015.
13. Panel assessor to a Undergraduate Project "Effect of Rainfall on Speed at Night: a case study Terengganu" Zulhilmi Abdullah, June 2015.
14. Panel assessor to a Undergraduate Project "The Effect of EVA as Additive in the Bitumen" Fuad Fazrin Bin Jamil (920506-12-5233), December 2014.
15. Panel assessor to a Undergraduate Project "Asphaltic Concrete Incorporating Ethylene Vinyl Acetate" Siti Aspalaili Binti Mohamd Sharif (Matric No. A11KA0174), December 2014.
16. Panel assessor to a Undergraduate Project "Influence of Rainfall on Speed under Artificial Light Condition" Zulhlmi Bin Abdullah (Matric No. A11RS0120), December 2014.

17. Panel assessor to a Undergraduate Project "The Relationship between the Air Void Contents and the Durability of the Porous Asphalt Pavement" Syazwani Binti Abdul Hamid, June 2014.
18. Panel assessor to a Undergraduate Project "The Effect of Road Gradient on Travel Time" Suryani Binti Parman, June 2014.
19. Panel assessor to a Undergraduate Project "Trend Estimation of Travel Speed at Roundabout" Lim Zi Kuan, June 2014.
20. Panel assessor to a Undergraduate Project "Properties of Double Layer Rubberized Concrete Paving Blocks" Lee Kuan Lim, June 2014.
21. Panel assessor to a Undergraduate Project "Effect of Different Air Voids content on the Performance of Porous Asphalt" Nurainaa Adi, June 2014.
22. Panel assessor to a Undergraduate Project "Effect of Air Voids content on the Performance of Porous Asphalt" Noraziela Binti Rahmat, June 2014.
23. Panel assessor to a Undergraduate Project "Vehicle Speed Downstream of the Roundabout" Chia Chin Fung, June 2014.
24. Panel assessor to a Undergraduate Project "Skid Resistance Performance of Asphalt Wearing Course using Steel Slag" Mohamad Azhar Che Him, June 2014.
25. Panel assessor to a Undergraduate Project "Vehicle Headway Distribution of Traffic Signal" *Emir Akief Bin Ahmad Saifuddin*, June 2014.
26. Panel assessor to a Undergraduate Project "Vehicle Speed Downstream of the Traffic Signal" Lukman Khidir Bin Zainal Abidin, June 2014.
27. Panel assessor to a Undergraduate Project "Effect of Clogging of the Permeability of Porous Asphalt" Nurul Athma Binti Mohd Shukry, June 2014.
28. Panel assessor to a Undergraduate Project "Establishment of Suitable Gradation for Cold Mix Porous Asphalt" Lim Jee Wen, June 2013.
29. Panel assessor to a Undergraduate Project "The Effect of Horizontal Movement on Concrete Block Pavement due to Bedding Sand Thickness and Laying Pattern" Azhar Bin Mohd Hussin, June 2013.
30. Panel assessor to a Undergraduate Project "The Effect of Lime as Additive in the Jointing Sand for Concrete Block Pavement" Mohd. Farid Bin Abdul Rashid, June 2013.

31. Panel assessor to a Undergraduate Project "Pavement Materials" Mohamad Firdaus Bin Shahidan, June 2013.
32. Panel assessor to a Undergraduate Project "Pavement Materials" Mohd Haniff Bin Mohd Sani, June 2013.
33. Panel assessor to a Undergraduate Project "Performance of Microsurfacing at Federal Route FT 001Jalan Gemas-Tampin, Section 244-245" Ammirul Bin Mazelan, June 2013.
34. Panel assessor to a Undergraduate Project "Research of Road Accidents at Km 4.1, Precint 11-Lebuh Sentosa, Putrajaya" Gogilans/o Murugesu, June 2013.
35. Panel assessor to a Undergraduate Project "Study on Temperature and Strength in Flexible Pavement" Ismarizal Vin Ismail, June 2013.
36. Panel assessor to a Undergraduate Project "Comparison of the Cold in-place Recycling using 100% Aggregate and Mixed Asphalt Concrete with Fresh Aggregates" Junaini Salleh, June 2013.
37. Panel assessor to a Undergraduate Project "Performance and Road Maintenance at Jalan Kg. Brunei / Kg. Baru / Kg. Kut / Kg. Kut Muara, Dalat District, Mukah, Sarawak" Noor Susielawati Binti Ismail, June 2013.