MINUTES

PRESENT:
André BROTO (Chair – France)
Francois RAMBAUD (French Secretary – France)
Harlan MILLER (English Secretary – USA)
Dilip MUNDKUR (Webmaster - USA)
Robert FREEMANTLE (Terminology – Australia)
Oscar FARINA (Argentina)
Thomas MACOUN (Austria)
Louis Prochore NOUBISSIE (Cameroon)
Hector ESCOBAR (Chile)
Horacio MALDONADO (Chile)
Akira ENDO (Japan)
Toshiro KONO (Japan)
Keechoo CHOI (South Korea)
Lluis ALEGRE (Spain)
Urs GLOOR (Switzerland)
Janet OAKLEY (AASHTO, USA)
Tracey LARKIN THOMASON (USA)

DAY 1 – FRIDAY 3 MAY 2013

1. Welcome and Opening remarks

Harlan MILLER welcomed all to the meeting at Providence. He introduced Janet OAKLEY, AASHTO’s Director of Policy and Government Relations.

Janet briefly outlined the role of AASHTO explaining that it represents all 50 states and serves as a liaison between state departments of transportation (DOT) and the federal government. Janet advised that AASHTO was a leader in setting standards for the design and construction of highways that are adopted by the State DOTs and used throughout the world. AASHTO also has a role to advance policy and the legislative agenda for the State DOTs. It has a focus on moving people and goods. Janet welcomed PIARC members on behalf of AASHTO.

André BROTO thanked Janet for her welcome and invited all PIARC members to introduce themselves to Janet and other attending guests.

2. Presentations

2.1 Public Private Partnerships / HOV–HOT Lanes
Tony KINN, Director Office of Transportation Public-Private Partnership, VDOT.
Tony outlined the benefits of public-private partnerships (P3) and described their application to the planning, construction and implementation of HOV/HOT lanes on the I-495 and I-95.

2.2 Bus Rapid Transit (BRT) – Recent Experience & Lessons Learnt

Sam ZIMMERMAN, consultant to World Bank.

Sam described the system elements of Bus Rapid Transit (BRT) including vehicles, ways, stations and terminals, systems and service plans. He described recent examples of BRT systems noting that worldwide, over 150 cities have BRT systems operating. Sam also outlined key lessons arising from the introduction of BRTs.

One of the key-lesson is “integration within the whole mobility network”.

A copy of each presentation was provided to members for information.

2.3 Presentation and Bus Tour of Iway: Relocating I-195 in Providence

Michael LEWIS, Director RIDOT and President AASHTO and senior officials from Rhode Island Department of Transportation (RIDOT) including Chief Engineer Kazen FARHOUMOND and Deputy Chief Engineer Frank CORRAO.

Director Lewis welcomed PIARC members to Providence and introduced senior members of RIDOT, who outlined the Iway project and hosted a bus tour of the project.

The I-195 Relocation Project, known as Iway, is a large transformative project that involves constructing a new highway on a different alignment to address a wide range of issues including safety, replacing aging infrastructure, lessening traffic congestion and bolstering economic development. The project also includes the demolition of the old highway, rebuilding of city streets, the development of park areas along the Providence River and new pedestrian bridges linking community spaces.

André BROTO thanked Rhode Island officials for the presentation and tour.

3. Progress with the Work plan

3.1 André BROTO advised that our TC Theme Co-ordinator Mr Hirofumi OHNISHI has requested further details be included in our work plan including objectives and a list of members who are working in each of the three areas of study.

3.2 André noted that Jean-Claude MOUREAU (Work Group Co-ordinator for Issue 3 – Promotion of Walking and Cycling) was an apology for this meeting. He advised that Jean-Claude had circulated a copy of this group’s survey to all TC members and had received responses for 7 cities, and will have able to present a first analysis next meeting.

ACTION: TC members who are yet to complete the survey, are asked to finalise this and forward it to Jean-Claude.

3.3 Attending members were confirmed in work groups.

ACTION: André BROTO to forward the list of members in each of the 3 work groups to Mr OHNISHI.
Into parallel session. Each group proceeded to further develop their work plans, including setting objectives, selecting possible case studies, finalising surveys and the work schedules.

DAY 2 – SATURDAY 4 MAY 2013

4. Next Meeting and Other Matters

4.1 André BROTO confirmed that the next meeting of TC 2.2 will be held in Buenos Aires on 6 & 7 November 2013.

Oscar FARINA, host for this meeting, advised that seminars would be organised on 4 and 5 November 2013, run by ITS and would be attended by around 200 people. Oscar requested that one of these days include presentations from TC 2.2 members on issues that we are currently dealing with.

ACTION: André and Oscar to develop an agenda for both the next meeting and the proceeding seminars and forward to TC 2.2 members.

4.2 Janet OAKLEY advised of a ‘Women’s Issues in Transport’ conference to be held in Paris on 14 – 16 April 2014, which members may consider attending. Janet advised that further details of this conference would be provided to Harlan for distribution to members.

4.3 To avoid confusion with the names of TC Members, it was agreed that all future records will show the FAMILY name in UPPERCASE and the given name in lower case.

PRESENTATION OF WORK PLAN PROPOSALS

5. Issue 2.2.1 Comparison of Strategies for Sustainable Urban Mobility

5.1 Harlan MILLER explained the objectives in addressing this issue and outlined the work to be undertaken by the group. This included documenting the types of strategies and policies that have been undertaken that have been successful and presenting good case studies (one from each country) to demonstrate this.

5.2 Harlan noted that the survey results would be analysed to establish relationships of sustainable mobility attributes between cities. He further noted that this work would draw on work from previous PIARC groups.
5.3 Dr Akiro ENDO outlined the survey needs of this work group, noting that the definition of public transport is based on road and rail separately. Income data from cities would also be sought.

5.4 It was suggested that the survey could include information on the number of daily trips, the length of trips, mode and time of day.

5.5 Akiro advised that the survey would be distributed to TC members in May 2013 with a request for the survey to be completed and returned by June 2013.

**ACTION:** (1) Akiro to forward survey to TC members in May 2013.
(2) All members to complete survey and return to Akiro by end of June 2013.

5.6 Harlan MILLER outlined the work plan timeframes post the survey:

- Presentation of draft survey results November 2013 (Buenos Aires meeting)
- Article for Routes / Roads based on survey results and analysis Draft June 2014 Final March 2015

5.7 The following additional points were raised by committee members.

- Data will come from different years and have different interpretations by country and we will need to do a check and exclude data if it feels wrong.
- Work should be reviewed at Buenos Aires meeting to ensure we have the right case studies and the necessary information.
- Important to ensure we have a cross section of case studies from large cities, medium cities and smaller cities.
- It may not be possible to benchmark reasons why cities are different.
- Important to provide case studies and data from developing countries.

6. **Issue 2.2.2 Design of Transport Infrastructure for Multi Mobility in Urban Areas.**

6.1 Francois RAMBAUD outlined an updated plan for this issue describing a vision of the final report.

He explained that the focus would be on recent innovative trends for “bus systems” including BRT Projects and car pooling projects.
6.2 Francois noted that case studies and good practices would be documented in both urban and peripheral areas of different cities and that the context in which these were developed would be given. This would include discussion of how these integrate in a multi-modal network, including multi-modal stations (Integration stay a key-lesson).

He further noted that the focus would be on surface solutions ie in road rather than rail, as we are in a “road” association. By the way we know well the complementary role of rail systems.

6.3 Francois advised that 3 draft surveys had been prepared covering:

- Recent BRT and innovative bus systems in urban and sub-urban areas.
- Design and implementation of HOT/HOV or car pooling lanes on motorways.
- Designing for motor-cycles and scooters (this issue has been noted last meeting in Bologna).

6.4 Francois outlined the time frames for the work plan:

- Finalise survey forms and indentify case studies End June 2013
- Forward to TC members to commence surveys July 2013
- First survey completed End Sept 2013
- First analysis phase, including identification of any additional case studies or information required Oct 2013 to end 2013
- Report phase Draft Jan 2015 Final April 2015

7. Presentations

The following case studies were presented.

- BART – Nebraska Avenue BRT Line.
  - Dilip MUNDKUR (USA).
- Road Impact Studies: Case Project of Costanera Sur Rio Mapocho.
- Hector ESCOBAN and Horacio MALDONADO (Chile).

- Regional Transport and Urban Design Concept of the greater Berne (2012) triggered by the Spatial concept for Switzerland and the Urban Design Concept.
  - Urs GLOOR (Switzerland).

- BRT and TOD – History and development in South Korea.
  - Keechoo CHOI (South Korea).

- Bus Priority and BRT Systems in Buenos Aires and the Metropolitan Area.
  - Oscar FARINA (Argentina).

- Strategies for Sustainable Urban Mobility.
  - Lluis ALEGRE (Spain).

André BROTO thanked all for their presentations. He apologised to Thomas MACOUN that time didn’t allow for his presentation. Time would be provided on the agenda at the next meeting for Thomas’ presentation.

8. General Business

ACTIONS:

8.1 Dilip MUNDKUR (Webmaster) will update the TC 2.2 webpage on PIARC website to include all presentations given at the past 2 meetings.

8.2 André BROTO to contact Jean-Claude MOUREAU to write work plan for group 3.

8.3 André BROTO noted the need to explore opportunities to expand case studies to include developing countries. André to follow up with Louis Prochore NOUBISSIE and others.

8.4 Keechoo CHOI drew attention to the Urban Mobility Report authored by Timothy LOMAX. He noted that this provided a well established framework that may assist with our work.

Keechoo agreed to forward a web address of this report to TC members to review.

8.5 A number of TC members expressed a desire that future meetings avoid University terms if possible. Chairman André BROTO to consider this request in finalising dates for future meetings. André noted that it was important to link technical visits and/or conferences to meeting and the timing of these often influence meeting dates.

8.6 The group discussed and tentatively agreed that meetings for 2014 would be held in Paris and Bucharest, Hungary. Chairman André to confirm.

9. Closing Remarks

André BROTO thanked Harlan MILLER for organising the meeting in Providence. A letter of thanks to the President of AASHTO will be prepared for the Chairman’s signature. André thanked TC members for their contributions and closed the meeting.
10. **AASHTO Spring Meeting 2013**

Interested committee members attended sessions of the AASHTO Spring Meeting on 5-7 May. A highlight of the event was the CEO Safety Leadership Forum which included a keynote address from Ms Deborah HERSMAN, Chairman of the National Transportation Safety Board.

Minutes prepared by Robert Freemantle.

Draft as of 16 May 2013.