AGS Feasibility Study

Transit & Intermodal Committee
December 20, 2012

Results of Technology Evaluation

- Qualified Technology Providers
  - American Maglev Technology
  - Talgo
  - Owen Transit Group
  - MegaRail
  - Public Personal Rapid Transit Consortium
  - General Atomics
  - SkyTran
  - Swift Tram
  - Flight Rail
  - MagneMotion

Technology Forum

- Held on December 13 and 14
- Included:
  - Media Preview
  - Technology Exhibition
  - Presentations
    - 45 minute presentation
    - 60 minute Q&A
    - Review Panel

Technology Forum Questions

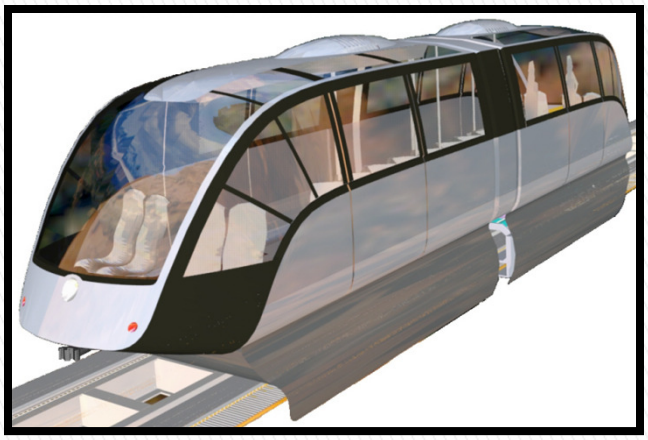
- Plan for Stations and Maintenance Facilities
- Safety Certifications & Corridor Safety Design
- Operational Capacity, Headways, Expansion
- Infrastructure & Rolling Stock Costs
- Interface with other Travel Modes and Freight Accommodation

Presenters

- Urban Maglev
- 93 passenger vehicle
- 120 mph to 150 mph

American Maglev Technology

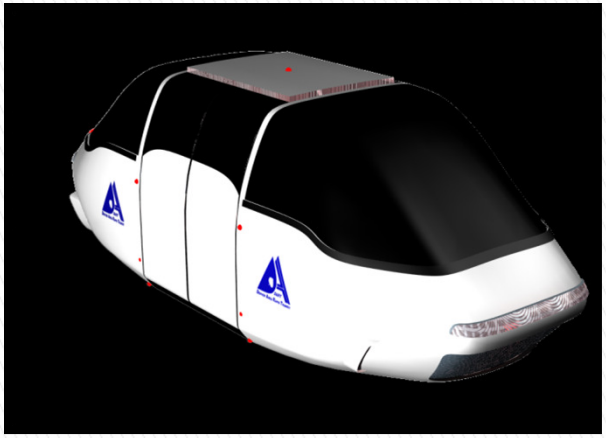
- Maglev
- 40 passenger vehicle
- 150 mph to 300 mph



General Atomics

Presenters

- Electric Guideway
- 4 passenger vehicle
- 120 – 150 mph



PPRTC

- Electric wheelway
- 8 passenger vehicle
- 85 to 120 mph

MegaRail

Presenters

- Rail/HSR
- 21-36 passenger vehicle
- 186 mph

Talgo

Next Steps

- Evaluation of Alignment Feasibility
  - Based on 3 general alignments
  - Assess ROW needs
  - Assess community and environmental issues
  - Assess cost/engineering challenges
- Evaluation of Funding/Financing Feasibility
  - Forming a financial task force
  - Issue a Financial Request for Information

Questions?