



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

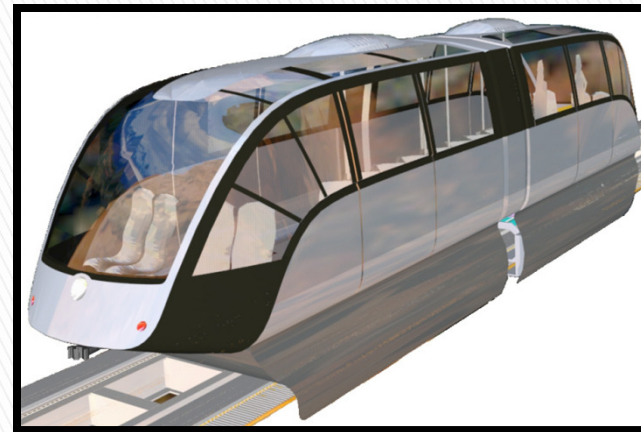
Presenters

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



American Maglev
Technology

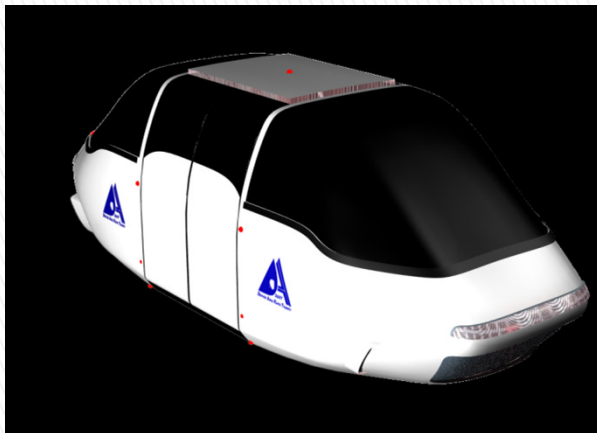
- ▶ Maglev
- ▶ 40 passenger vehicle
- ▶ 150 mph to 300 mph



General Atomics

Presenters

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



PPRTC

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



MegaRail

ADVANCED GUIDEWAY SYSTEM (AGS) FEASIBILITY STUDY



Presenters

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



Talgo

ADVANCED GUIDEWAY SYSTEM (AGS) FEASIBILITY STUDY



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?

