



THE PENNSYLVANIA HIGH-SPEED MAGLEV PROJECT

Airport to Downtown (Section A) New Alternative Alignments Under Consideration Advantages & Disadvantages

New A ALTERNATIVES	ADVANTAGES	DISADVANTAGES
Alignment A6 (opt 1)	<ul style="list-style-type: none"> - Uses Existing Transportation Corridors - Provides Alignment Compatibility - Low Major Waste Sites 	<ul style="list-style-type: none"> - Does Not Meet Speed - Requires Special Structures (Tunnel) - High Operation and Maintenance - Poor Compatibility with Future Transportation Projects
Alignment A6 (opt 2)	<ul style="list-style-type: none"> - Meets Speed - Uses Existing Transportation Corridors - Provides Alignment Compatibility - Low Major Waste Sites - Low Residential Impacts 	<ul style="list-style-type: none"> - Requires Special Structures (Tunnel & High Structures) - High Construction Complexity - High Operation and Maintenance - Poor Compatibility with Planned Transportation Projects - High Commercial Impacts - High Historic Impacts
Alignment A6 (opt 3)	<ul style="list-style-type: none"> - Meets Speed - Uses Existing Transportation Corridors - Provides Alignment Compatibility - Low Major Waste Sites 	<ul style="list-style-type: none"> - High Residential Impacts - High Commercial Impacts - High Historic Impacts - High Community Impacts - Poor Compatibility with Planned Transportation Projects - High Utility Impacts
Alignment A7	<ul style="list-style-type: none"> - Meets Speed - Provides Alignment Compatibility 	<ul style="list-style-type: none"> - High Residential Impacts - High Commercial Impacts - Conflicts with Airport Master Plan - High Historic Resources - High Operation and Maintenance - Requires Special Structures - High Earthwork