Rapid Speed Transportation Initiative

An update on the Midwest Connect Corridor Studies
Virgin Hyperloop One
Global Challenge Winner

One of 10 corridors selected worldwide to explore the feasibility of implementing Hyperloop technology.
Connecting the Midwest Megaregion
Traveling Fast ... Real Fast
PASSENGER FLOWS
2040, without & with Hyperloop

without Hyperloop

with Hyperloop

1.9M Hyperloop Passengers
CARGO FLOWS
2040 by Value, without & with Hyperloop (million $)

12.6 Billion Hyperloop Cargos

with Hyperloop
Rapid Speed Transportation Initiative (RSTI)

- $2.5 million study of rapid-speed technology options (traditional rail and hyperloop)
- Chicago-Columbus-Pittsburgh corridor
- Two initial phases:
  1. Hyperloop Feasibility Study
  2. Components of Tier 1 EIS (first-of-its-kind)
- Future phase: Complete EIS
- Multiple public & private funding partners
Hyperloop Feasibility Study

- Task 1 – Visioning and Technology Application
- Task 2 – Route Planning
- Task 3 – Transportation Demand and Economic Benefit Analysis
- Task 4 – Regulatory Framework and Implementation Strategy
- Project Management, Stakeholder, and Public Engagement
Components of Tier 1 EIS

- Task 1: Project Management
- Task 2: Preliminary Data Collection
- Task 3: Purpose and Need Statement
- Task 4: Route Alternatives
- Task 5: Service Alternatives
- Task 6: Infrastructure Investments
- Task 7: Public Involvement
Current Study Funders

- State of Ohio DOT
- City of Columbus
- City of Lima
- City of Dublin
- City of Marysville
- Union County
- MORPC
- ...more to come
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