High Capacity Transit Task Force: Economic Impact Analysis Breakout Session

HCT Task Force September 29, 2017

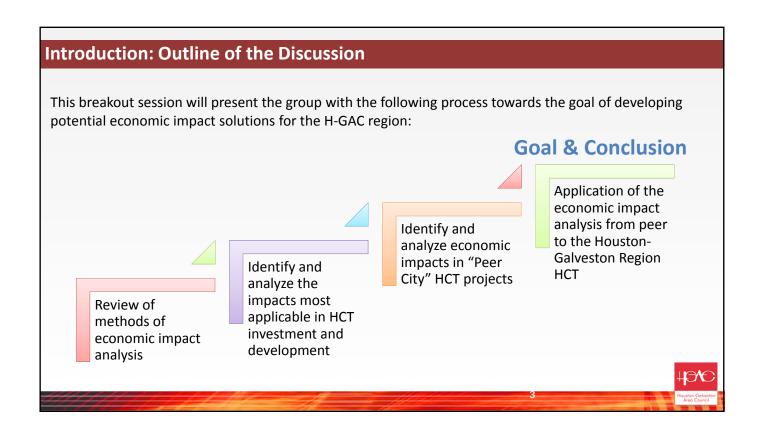
Phoenix Infrastructure Group

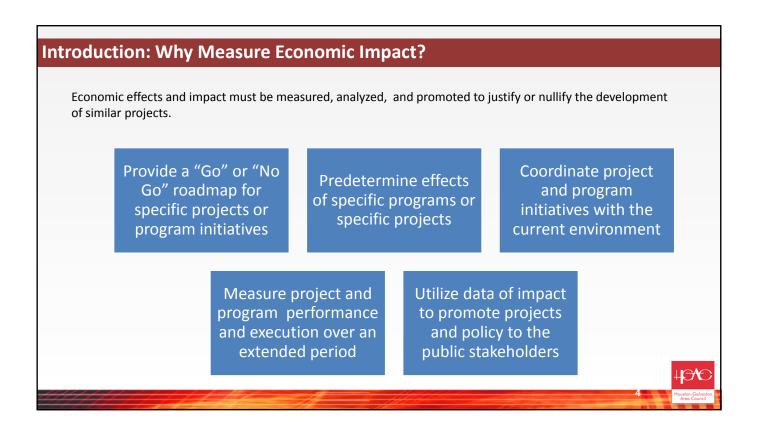


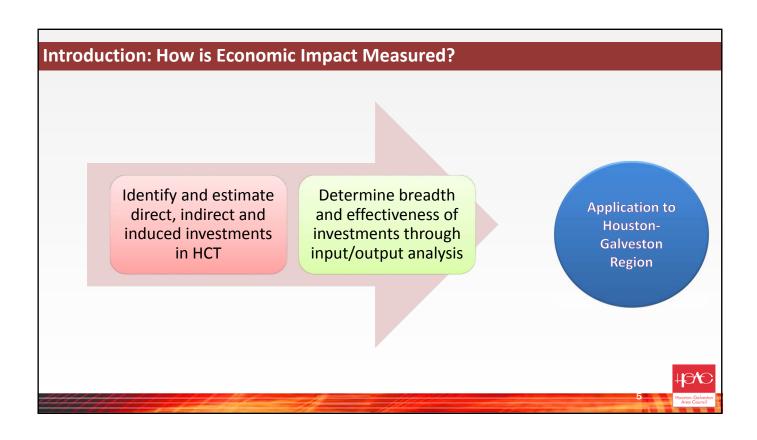
Introductory Briefing

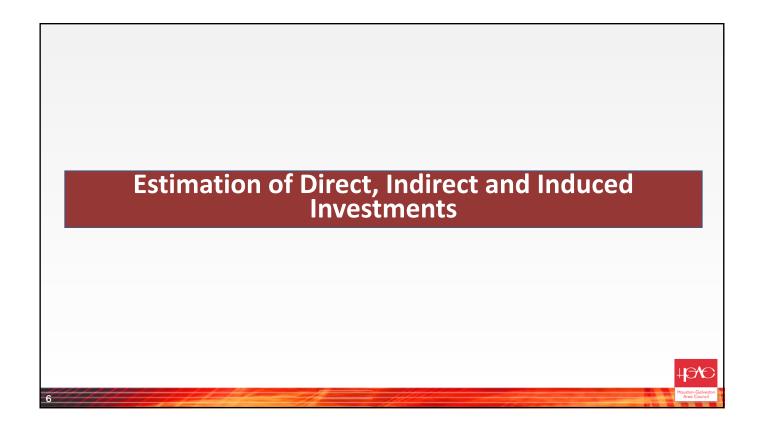
- Economic analysis overview
- Peer region review
- Economic Impact analysis workgroup session
 - Purpose
 - Approach
 - Meeting Schedule
 - Deliverables

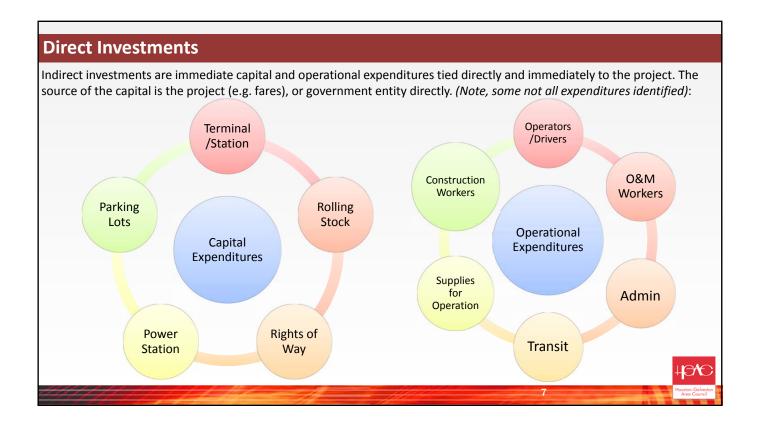










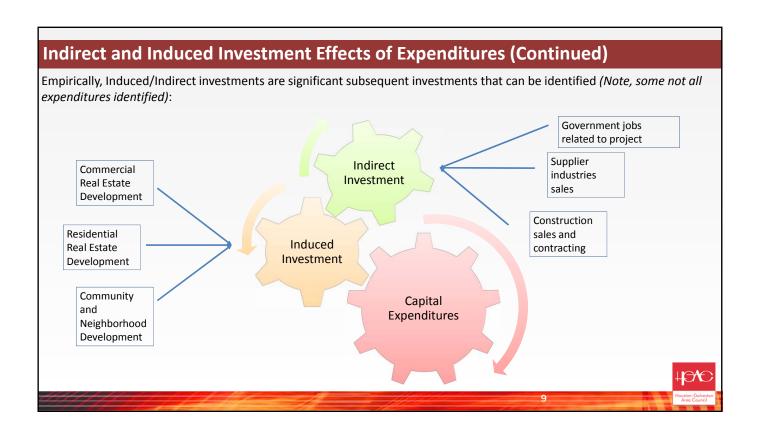


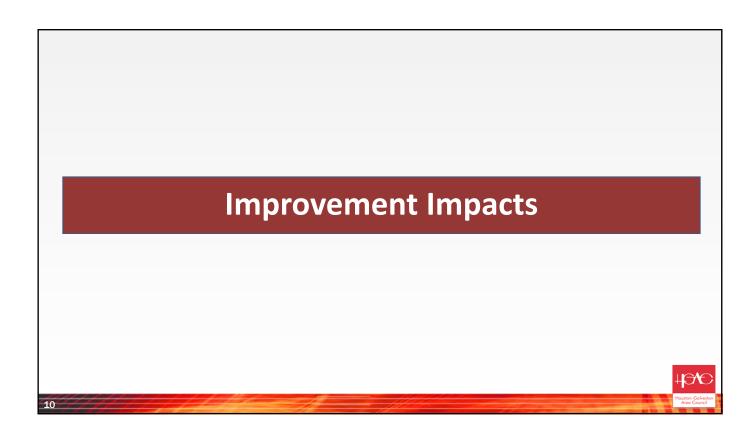
Indirect and Induced Investment Effects of Expenditures

Induced/Indirect investments are subsequent expenditures tied directly and immediately to previous capital expenditures:

- *Indirect Investment* includes development and purchases of products related to capital investments (e.g. locally purchased fuel and contractor materials for terminal construction)
- Induced Investment includes residual investment following the result of capital investment (e.g. commercial and residential transit- oriented development)







Travel Improvements

In assessing the economic impact for an HCT project, improvement in passenger travel and mobility is a critical factor that must be analyzed comprehensively. These improvement factors can be analyzed with data:

Travel Time Savings

 Time savings due to improved services that road reduces congestion

Reliability Improvements

 Reliability on travel for public transportation travelers due to road decongestion

Travel Cost Savings

 Change in travel cost for current public transportation passengers due to new fare structures and decreased automobile usage

Safety Improvements

 Accident reductions due to passengers moving from road to transit



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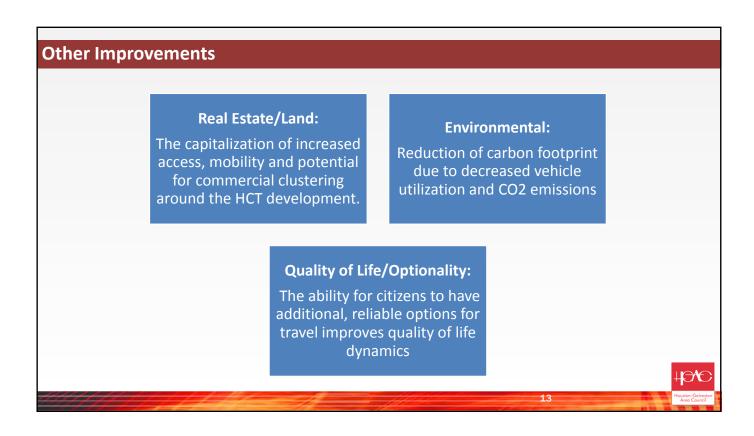
Business Access Improvements

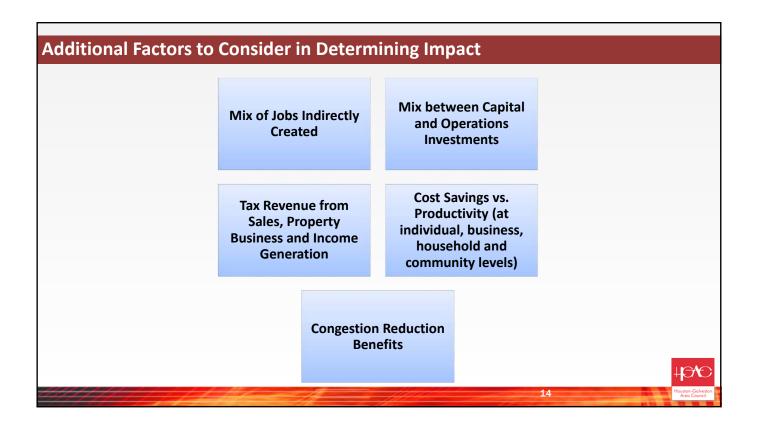
Improvement in access directly effects economic productivity and efficiency:

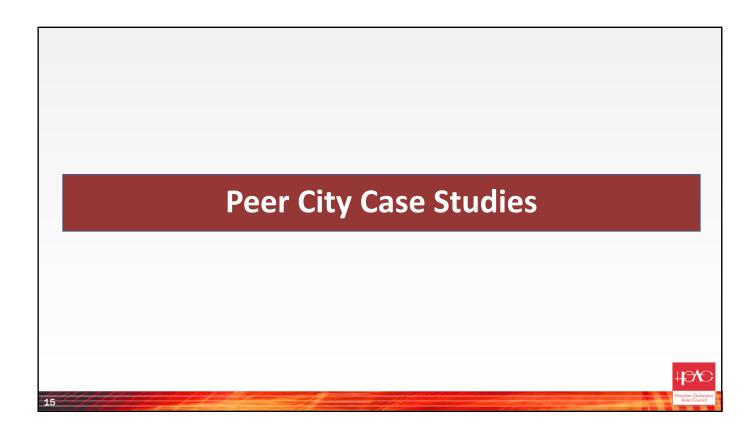
- Mobility and Market Access: Benefits for business from being accessible to a diverse set of customers and employees due to expanded HCT
- Spatial Agglomeration Economies: Increased access to similar and complimentary business and business activities due to expanded HCT; clustering resulting in higher productivity, efficiency and ultimately growth (e.g. Texas Medical Center)

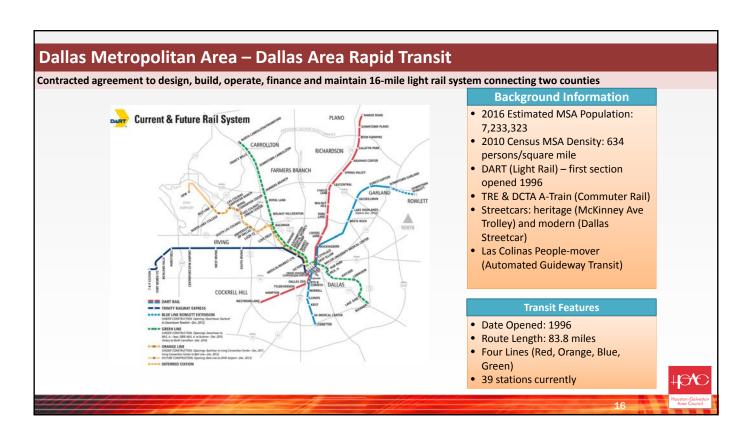


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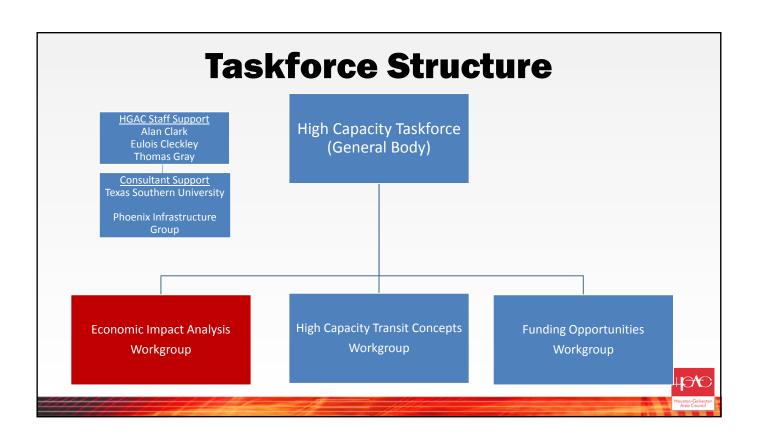
What economic impacts were realized from cities? • Return on Investment of \$6 Billion in existing development • Increased accessibility • Development of commercial clusters • Real property value enhancement Who benefitted? • Passengers have been provided with options in transportation • Businesses within developed clusters Were there any shortcoming? What were they? • Overall congestion goals have not been realized in the Dallas region



Economic Analysis Workgroup Breakout Session Agenda

- Purpose of Workgroup
- Workgroup Approach
- Key Topics to be Investigated First
- Meeting Schedule(s)
- Deliverables





Purpose of Economic Impact Analysis Workgroup

- Develop approach to analysis economic impacts of HCT
- Evaluate how the Houston region can realize economic benefits from HCT
- Inform other workgroups of analysis



Workgroup Approach to Economic Impact Analysis- Activities and Assignments

- October and November:
 - Research and analysis of peer cities
 - Catalog and assess economic impact possibilities
 - Evaluate implications of economic impact
 - *Phase One Deliverable



Workgroup Approach to Economic Impact Analysis- Activities and Assignments

- February, March April
 - Develop analytical methods for economic analysis
 - Apply methods to Houston-Galveston region
 - Identify economic impacts for investment in HCT
 - *Phase Two Deliverable



Key Deliverables

- Peer region assessment and case studies (HGAC staff)
 - July-September 2017
- Report on economic impact of HCT (workgroup)
 - Phase One: July-October 2017
 - Phase Two: February 2018-April 2018
- Report on HCT service concepts (workgroup)
 - November 2017-February 2018
- Report on funding and governance (workgroup)
 - Phase One: July-October 2017
 - Phase Two: February- April 2018
- Final report and recommendations (HGAC Staff)
 - May-August 2018



