



OKLAHOMA CITY

GREATER DOWNTOWN CIRCULATOR
ALTERNATIVES ANALYSIS

*Steering
Committee
May 19, 2010*

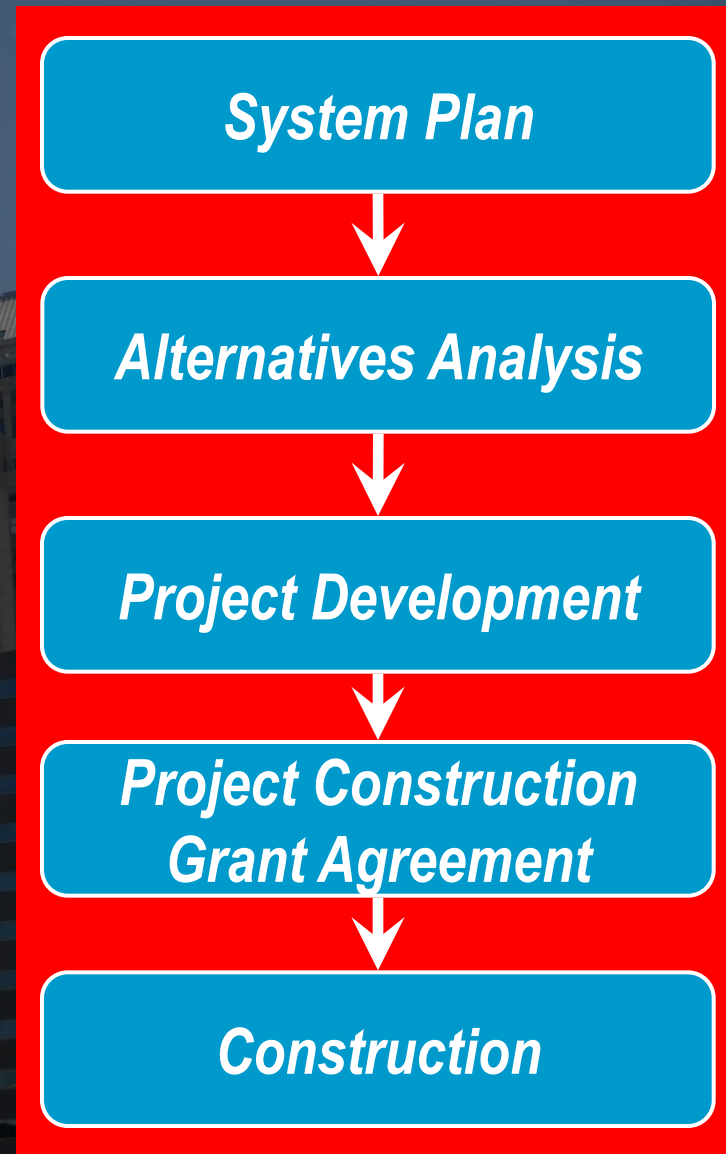
AGENDA

- 3:00 P.M. Welcome and Introductions** -- Chris Kauffman,
Chairman, COTPA Board of Trustees
- 3:05 P.M. Opening Remarks** -- Honorable Mick Cornett, Mayor,
City of Oklahoma City
- 3:15 P.M. Presentation: Purpose and Objectives of
Alternatives Analysis** -- Mike McAnelly, AA
Project Manager, Jacobs
- 4:00 P.M. Presentation: The Portland Experience** -- Rick
Gustafson, Director, Portland Streetcar, Inc.
- 4:45 P.M. Future Steering Committee Meetings**
- 4:55 P.M. Closing Comments**
- 5:00 P.M. Adjourn**

FTA Alternatives Analysis

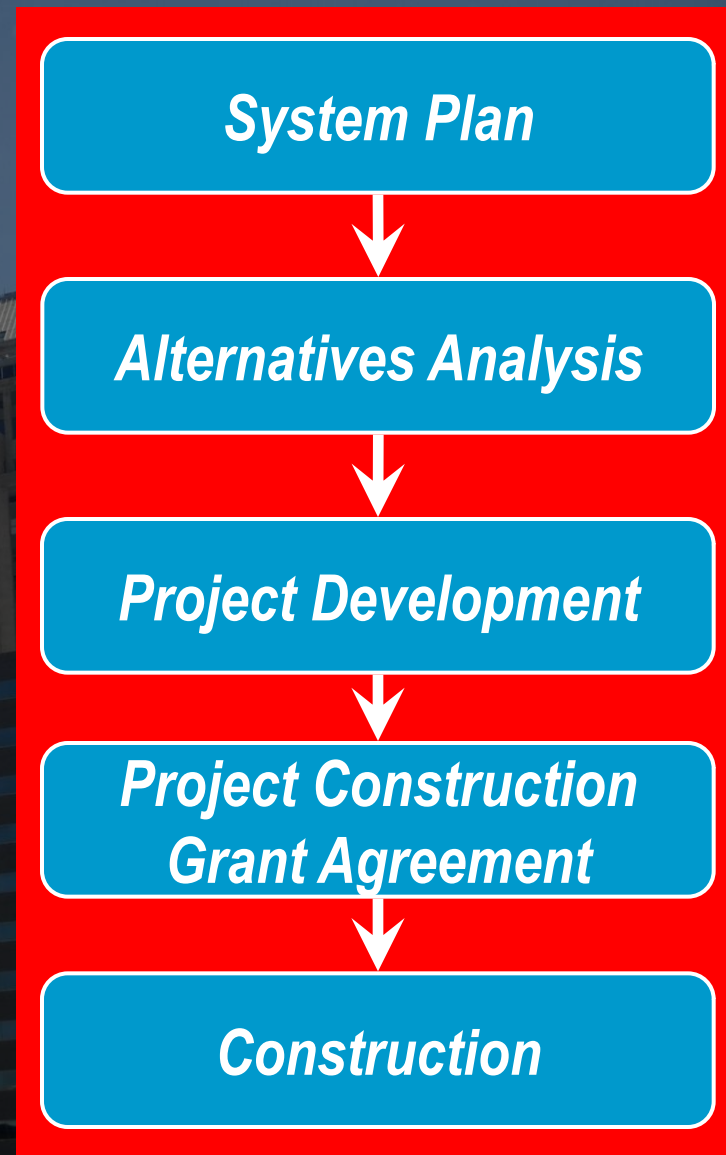
OBJECTIVES:

- Maintain eligibility for Federal funding
- Investment worthy project
- Decisions for Locally Preferred Alternative (mode and alignment)
- Capital and operating cost estimates
- Transportation benefits
- Financial plan
- Minimize Uncertainties



FTA New Starts/Small Starts/ Very Small Starts

- Sec 5309 “New Starts” Program
- Evolving FTA rules & criteria
- Small Starts:
 - Total project cost < \$250M
 - Federal share < \$75M
- Very Small Starts:
 - Total project cost < \$50M
 - Cost per mile < \$3M
 - >3000 existing weekday riders
- Simplified application process
- Simplified construction grant agreement

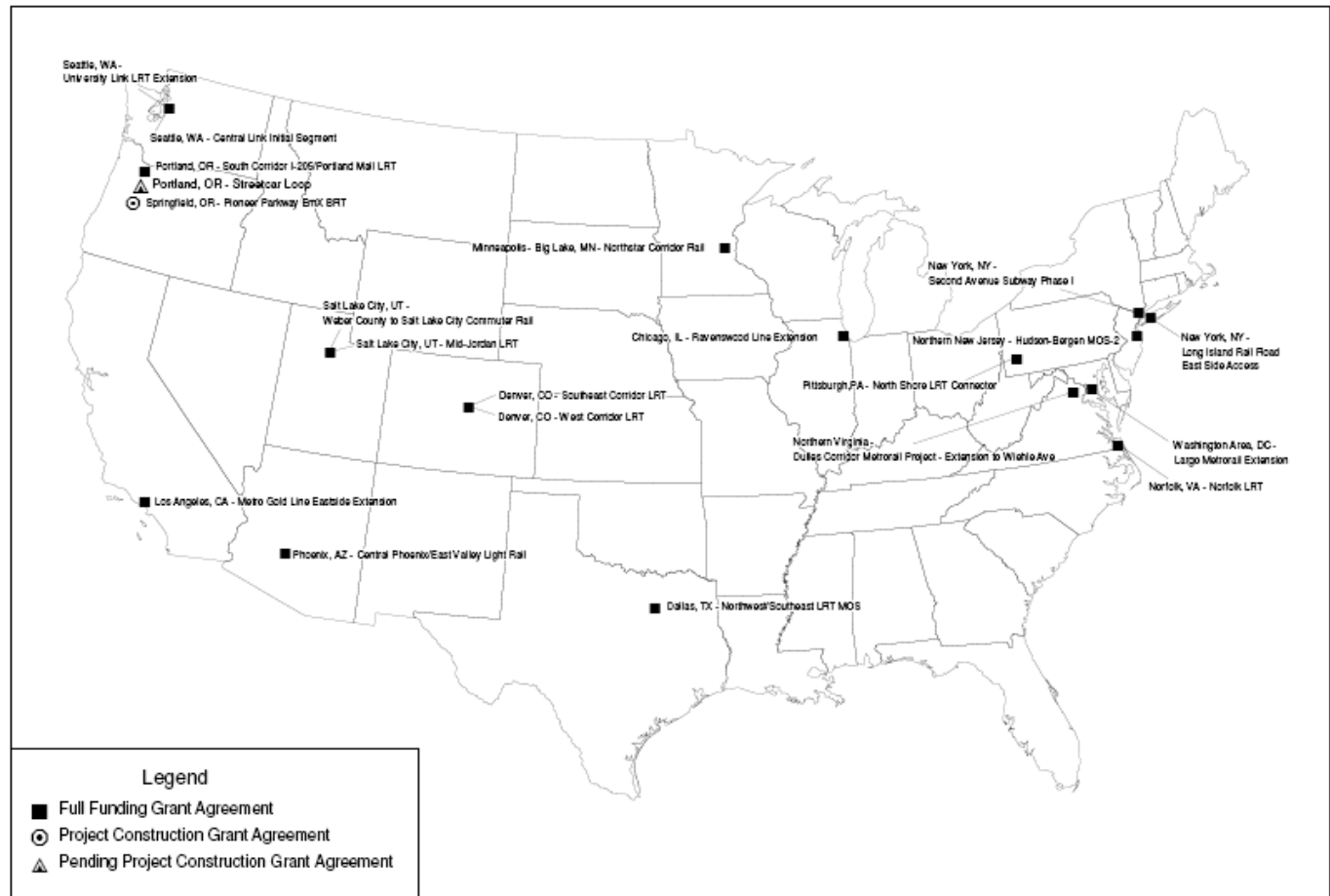


FTA New Starts/Small Starts/ Very Small Starts

FY 2010 Funding
for New
Starts/Small
Starts:

- \$1,123.0 M
Total New
Starts Projects
- \$174.25 M
Total Small
Starts Projects

Full Funding Grant Agreements and Project Construction Grant Agreements FY 2010



Why Alternatives Analysis Matters?

- *Sets the context for making informed decisions*
- *Answers the questions that need answers*

- **Local questions:**

- What do we want to do?
- What are the benefits?
- How much does it cost?
- Where's the money going to come from?
- How do we make it happen?

- **FTA questions:**

- What's the problem?
- Were all reasonable alternatives considered?
- How solid is the LPA decision?
- Were the New Starts criteria developed correctly?
- How does the project rate?
- Should FTA fund it?

Guiding Principles

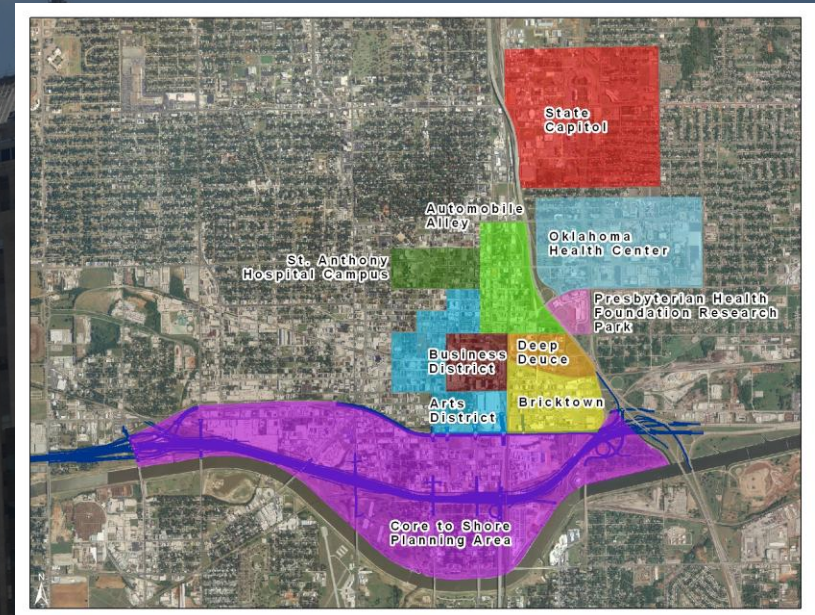
- Achieve regional consensus
- Enhance mobility
- Be fiscally responsible
- Consider alternative technologies and alignments
- Consider effects on downtown Oklahoma City, the surrounding community and the region
- Economic Development

Alternatives Analysis

Which mode and alignment alternatives?

1. LRT Streetcar
2. Bus Circulator
3. Trolley Bus
4. Baseline/Transportation System Management Option
5. No Build Option

STUDY AREA



Modern Streetcars

- Portland, Tacoma, Seattle
 - Made by Skoda in Czech Republic
 - United Streetcar partnering with Skoda for US manufacture of same vehicle
- Articulated -- it bends
- Double ended – it travels either direction



Bus Circulator

- Los Angeles, Orlando, Washington D.C.,
- Rubber tired circulator busses
- Smaller, low-floor buses
- CNG fueled
- Special paint scheme, shelters and branding
- Signal priority
- Frequent service
- Longer operating hours



Trolley Bus

- Oklahoma City, Fort Worth, San Antonio
- Rubber tired diesel or cng fueled buses
- Expanded routes and service hours
- More frequent service
- Special shelters



Transportation System Management Option

- Baseline option for comparison to the Build Alternatives
- “The best you can do without significant capital investment”
- Use existing METRO buses and Spirit Trolleys
- More frequent service
- Longer service hours

Alternatives Analysis Work Plan

Develop Alternatives and Detailed Operating Plans

Phase I Screening of Alternatives

Develop Capital and Operating Costs

Phase II Screening of Alternatives

Select Locally Preferred Alternative

Public Participation

- 5 “Let’s Talk Transit” Public Meetings
- 5 Steering Committee Meetings (May, July, September, November, and January)
- 3 Public Meetings/Workshops (August, October and January)

Project Schedule

12-Month Duration

Work Program Tasks	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb
1 - Consultant Management Plan													
2 - Public Participation Plan													
Establish Steering Committee													
MAPS Let's Talk Transit Meetings #1 through 5			□	□	□	□							
Steering Comm. Meetings #1 through 5				□			□	□		□		□	
Public Meeting #1							□						
Public Meeting #2									□				
Public Meeting #3												□	
3 - Update Need and Demand Report													
Submit Need/Demand Report													
4 - Definition of Alternatives and Technologies													
Downtown Circulator Alignment Study													
Development of Baseline Alternative													
Submit Definition of Alternatives Report													
5 - Project Impacts, Costs and Ranking													
Submission of Costs & Impacts Report													
6 - Operating Plan and Standards													
Submit Operating Plan Report													
7 - Ridership Forecasts													
Completion of ACOG Travel Model Update													
Ridership Forecast for Alternatives													
Submit Ridership Forecast Methodology Report													
FTA Concurrence of Ridership Methodology													
Develop Ridership Forecast for Alternatives													
Submit Ridership Forecast Report													
Submit Ridership Report for FTA Concurrence													
8 - Capital and Operating Cost Estimates													
Submit Capital and Operating Cost Report													
9 - Evaluation of Alternatives													
Submit Alternatives Evaluation Report													
10 - Locally Preferred Alternative													
Develop Preliminary Preferred Alternative													
Submit Preferred Alternative to COTPA													
Submit LPA Report for FTA Review													

Coordination with MAPS Streetcar

- Coordinate MAPS and AA schedules and activities
- Early consideration of circulator alignment for Project 180 Streetscape 2010 projects
- Complete Alternatives Analysis in advance of MAPS Streetcar beginning construction
- Need to complete NEPA clearance for MAPS Streetcar
- Consider obtaining Letter of No Prejudice from FTA for locally funded MAPS streetcar project



Questions and Discussion

Scheduling Future Steering Committee Meetings

What is preferred day of week and time for future meetings?

- July 12-16 or 19-23, 2010 – Circulator Alignments, Needs and Alternatives
- September 13-17 or 20-24, 2010 – Preliminary forecasts, operating plan, costs and impacts
- November 8-12 or 15-19, 2010 -- Alternatives Evaluation
- January 17-21 or 24-28, 2011– Locally Preferred Alternative