

CENTRAL CORRIDOR HIGH-CAPACITY TRANSIT STUDY

Step 3: Sub-Corridor Evaluation Briefing

November 2013



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Agenda

- 1) Work Plan & Schedule
- 2) Public Involvement Update
- 3) Sub-Corridor Evaluation
- 4) Upcoming Activities



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Work Plan & Schedule

Decision-Making Process

• Phase 1: Select Priority Sub-Corridor

Progress

Current

Phase 1		Select Priority Sub-Corridor	
Step 1: Make	Step 2: Define Sub-	Step 3: Select Priority	Decision
Task 1: Formwork, Permit	Task 2: G.I./Hydrogen System	Task 3: Water/Water/Chemical	Task 4: Define Sub-Corridor
Task 5: Water/Water/Chemical	Task 6: Water/Water/Chemical	Task 7: Define Sub-Corridor	Task 8: Select Priority Sub-Corridor
Task 9: Water/Water/Chemical	Task 10: Define Sub-Corridor	Task 11: Select Priority Sub-Corridor	Task 12: Decision

2013

2014

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

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Dec

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The Road to the Priority Sub-Corridor

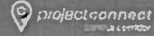
CCAG Meetings

Board & Council Briefings

- November 1
 - Present Data (2 of 2)
 - Evaluation Process
 - Public Comment
- November 15
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 - Lone Star Board

2 Public Involvement Update



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2 Step 2 Public Meetings

- 4 Public Open Houses 9/25 - 10/2
- 1 Online Open House 9/27
- 6 Stakeholder Briefings 10/16 -10/28
- Public Briefings
 - 10/15 Austin City Council Work Session
 - 10/22 Planning Commission
 - 10/28 Capital Metro Board of Directors



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Upcoming Public Workshops

- November 5, 6 pm – 9 pm
– Norris Conference Center, 2525 W Anderson Ln
- November 6, 6 pm – 8:30 pm
– Faith United Methodist Church, 2701 S Lamar Blvd
- November 7, 12 pm – 1:30 pm
– Webinar, 12 pm – 1 pm
- St. David's Episcopal Church, 301 E 8th St

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Step 3 Upcoming Public Engagement

- Online Engagement Tool – in development
- Televised Community Conversation – in development
- Stakeholder Group Briefings
- 10/31 Austin Urban Rail Action Data Workshop
- 11/01 Austin Environmental Democrats
- 11/04 West Austin Neighborhood Group
- 11/05 Old West Austin Neighborhood Association
- 11/07 Austin Chamber Transportation Committee
- 11/19 UT Student Government Assembly
- More pending

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Comments

- Comments received via:
 - Social media
 - Email
 - Public meetings
- Listening log established
- Project team reviews comments as received
- Comment responses as needed



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Sub-Corridor Summaries

- Snapshots of pertinent information about each sub-corridor

WEST AUSTIN



Population (2010)	11,100
Population Density (per sq. mi.)	111
Population Growth (2000-2010)	100%
Population Growth (2010-2020)	100%



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Central Corridor High-Capacity Transit Study

West Austin High-Capacity Transit Study

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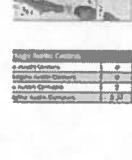
West Austin High-Capacity Transit Study

West Austin High-Capacity Transit Study

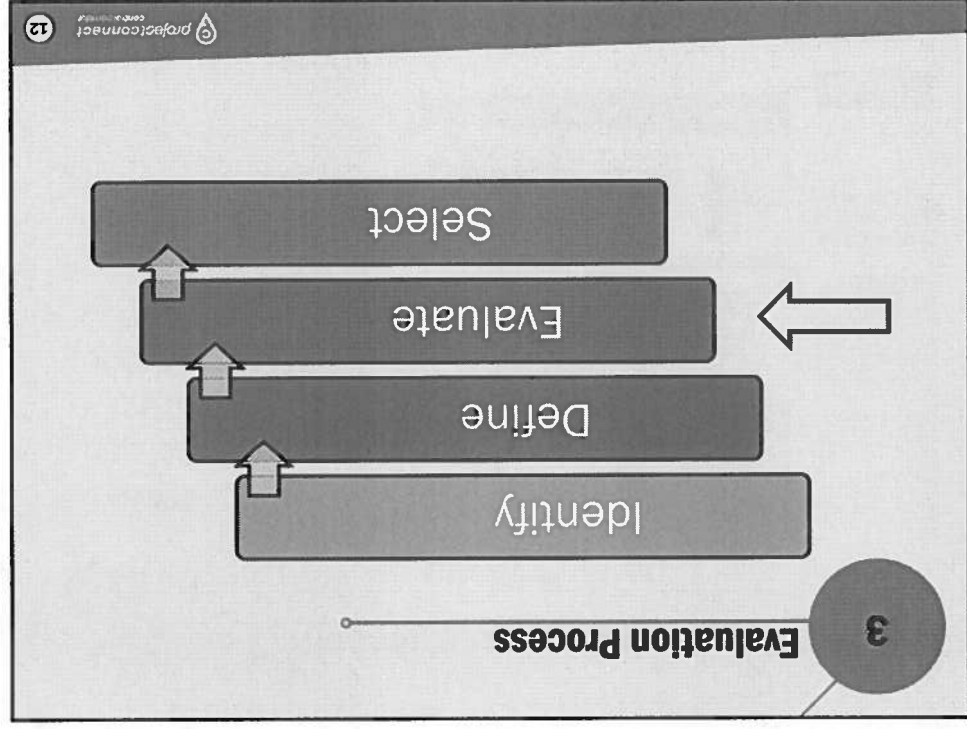
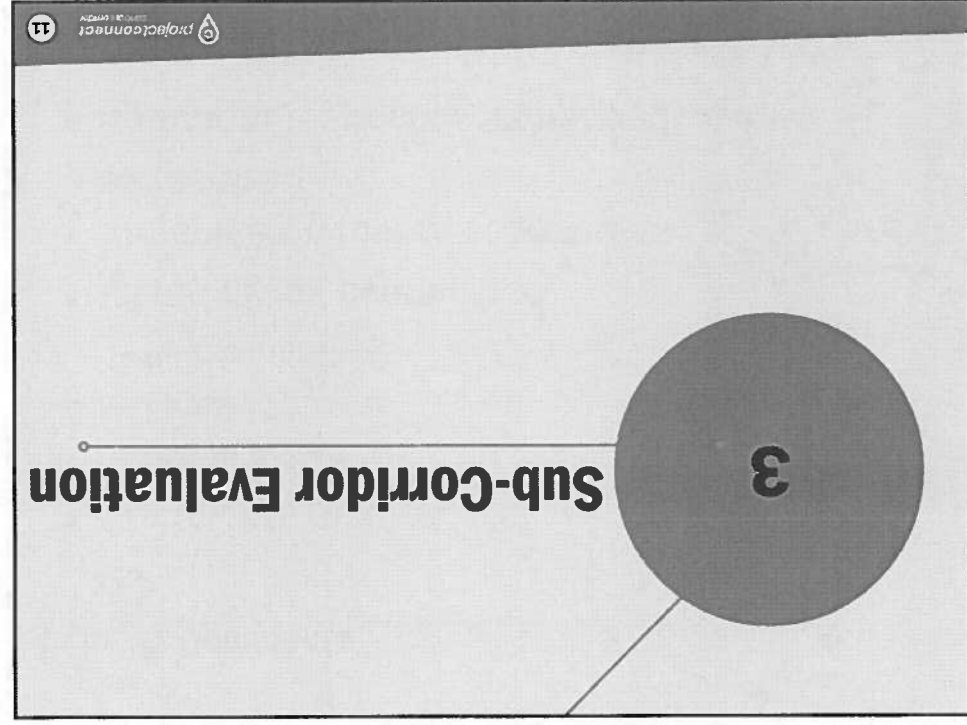
WEST AUSTIN

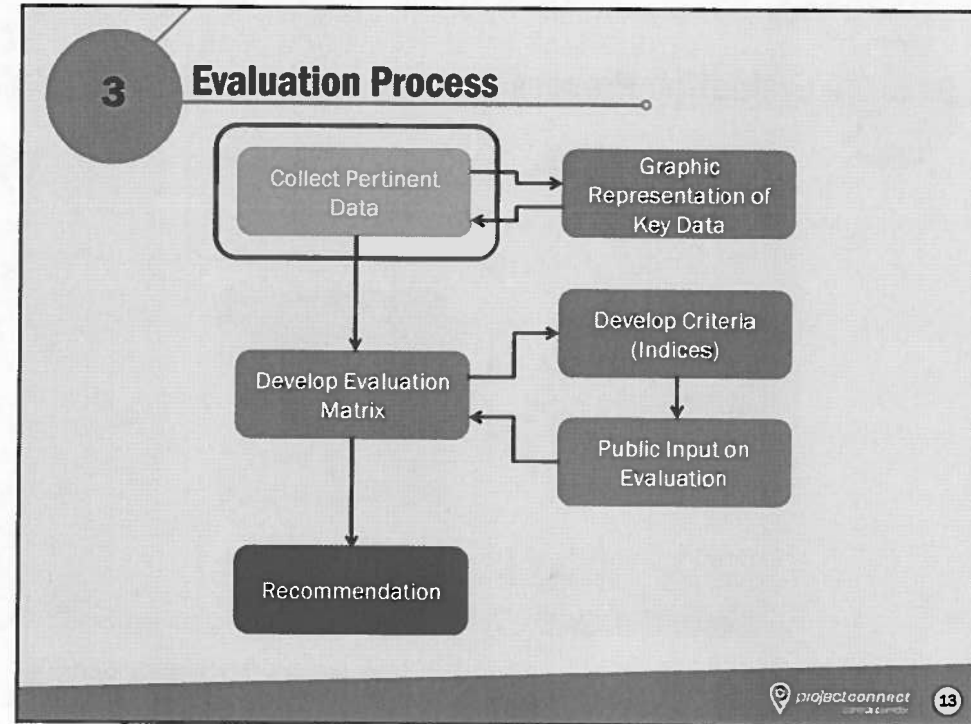


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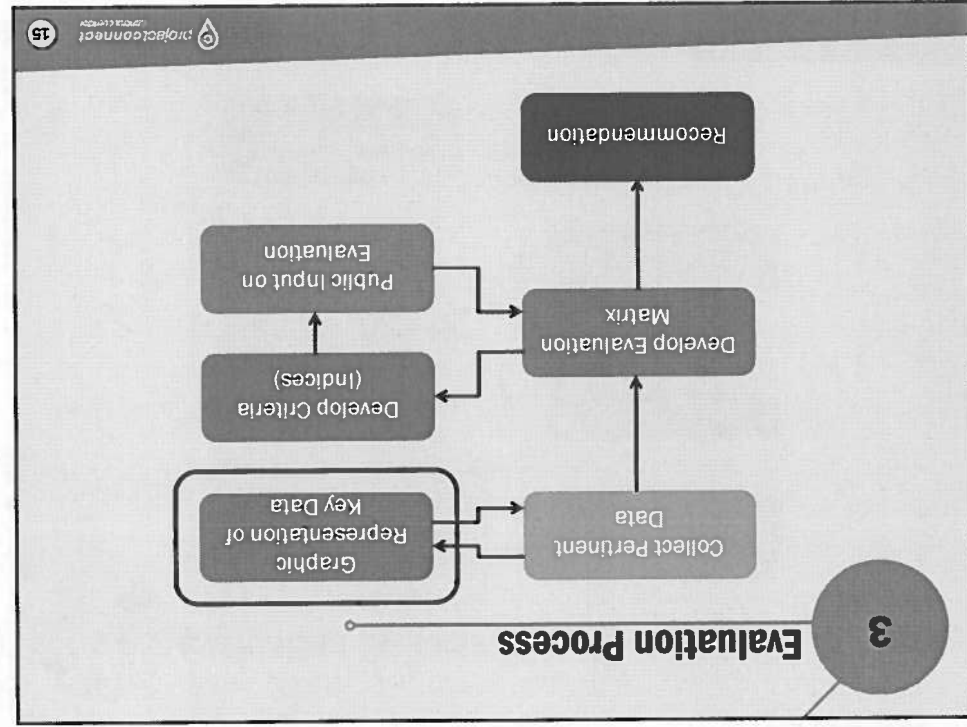


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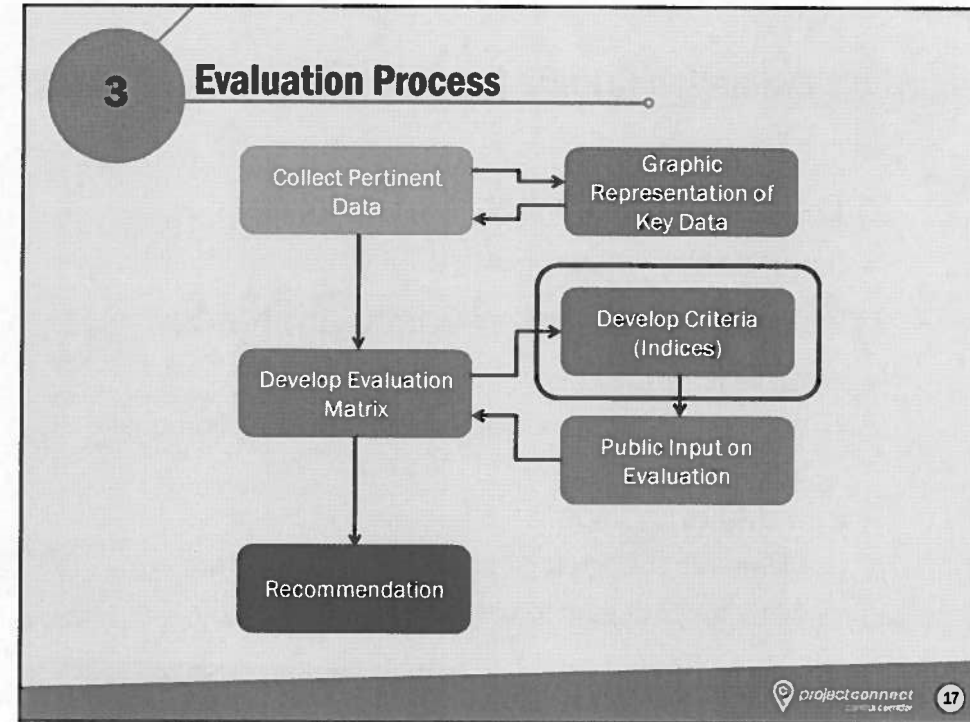
- ### 3 Data Collection
- On-going
 - Variety of readily available sources
 - Data “focused” on addressing Central Corridor problem statements
 - CAMPO Model
 - Licensed non-conforming use
 - Updated demographics
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central corridor
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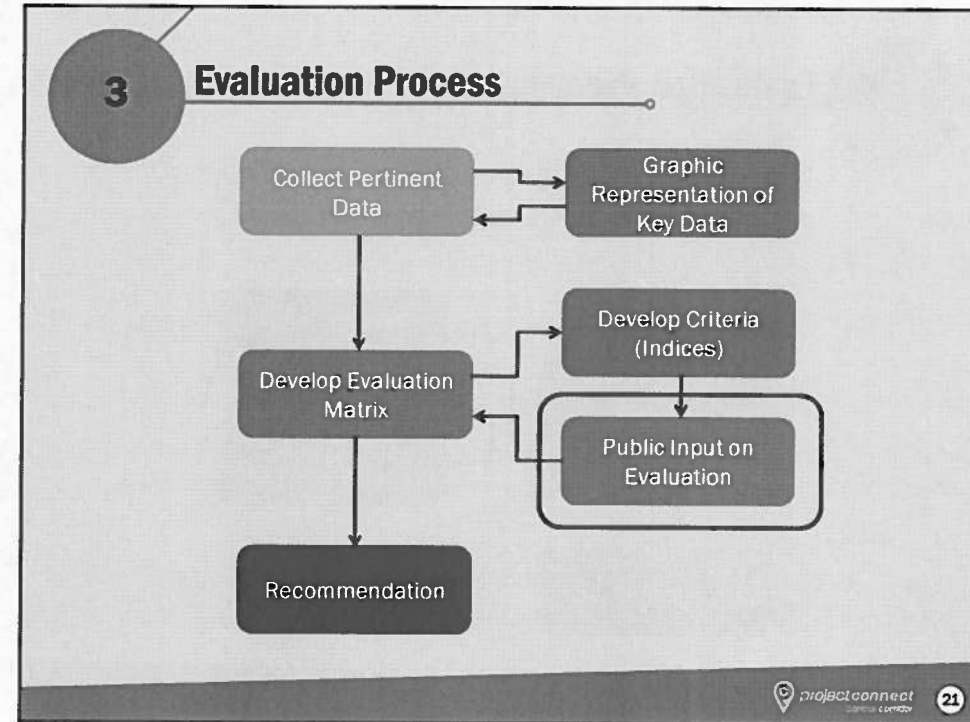
3 Map Book

- 'Working' reference
- Used to define sub-corridors
- Foundation for evaluation
- Data table also provided
- Data Dictionary
- Quality Control on-going

The image shows a preview of the Map Book content. It includes a map of a region with various corridors and sub-corridors highlighted. There are also several tables and charts, including a bar chart and a line graph, which likely represent data from the evaluation process. The text 'MAP BOOK' is visible at the bottom of the preview.



- ### 3 Evaluation Criteria Refinement
- Criteria have evolved
 - 1) Started with broad categories
 - Socioeconomic
 - Transportation
 - Centers
 - Social Equity
 - Other
 - Sought input from public at open houses
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center for innovation
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3 Public Input on Final Criteria Congestion

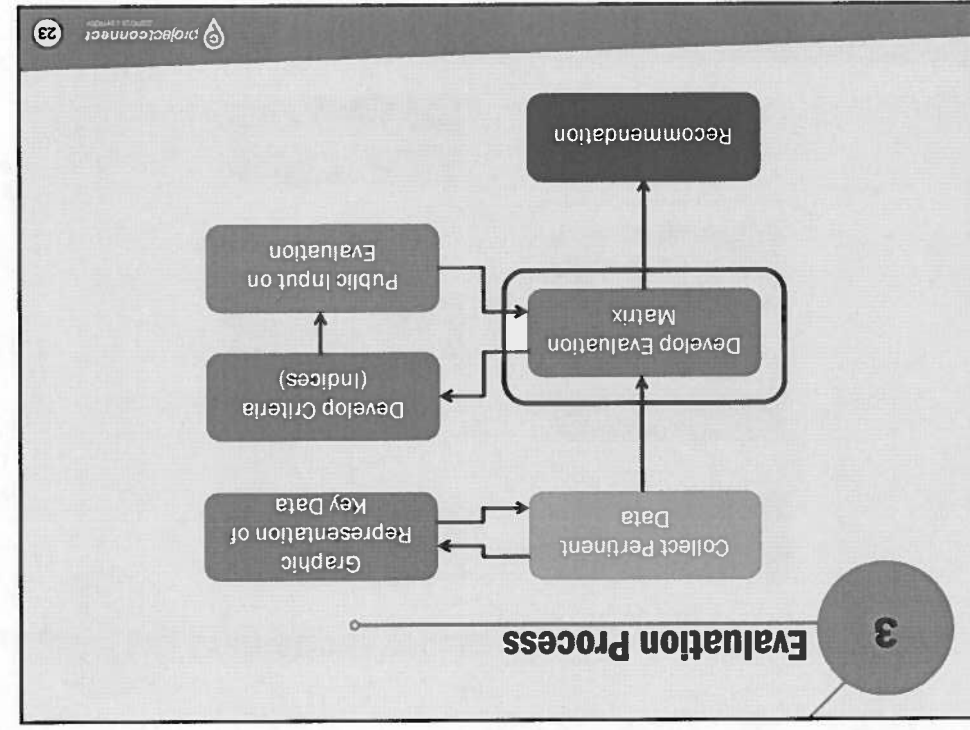
Problem: Excessive roadway congestion surrounding the core and lack of transportation alternatives make travel time to the Central Corridor unreliable.

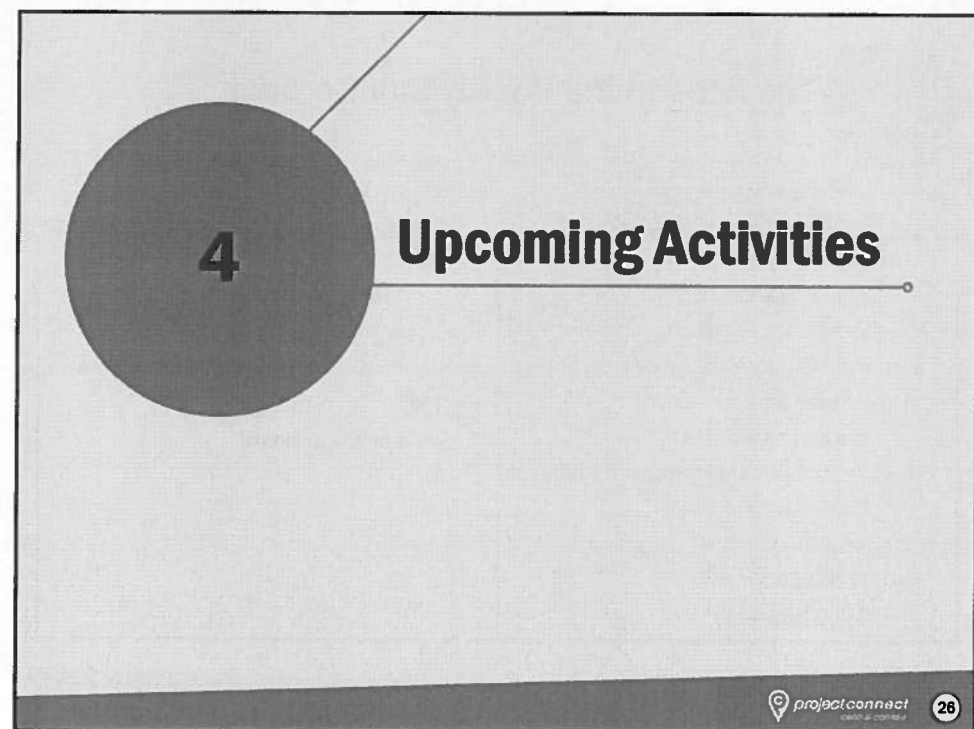
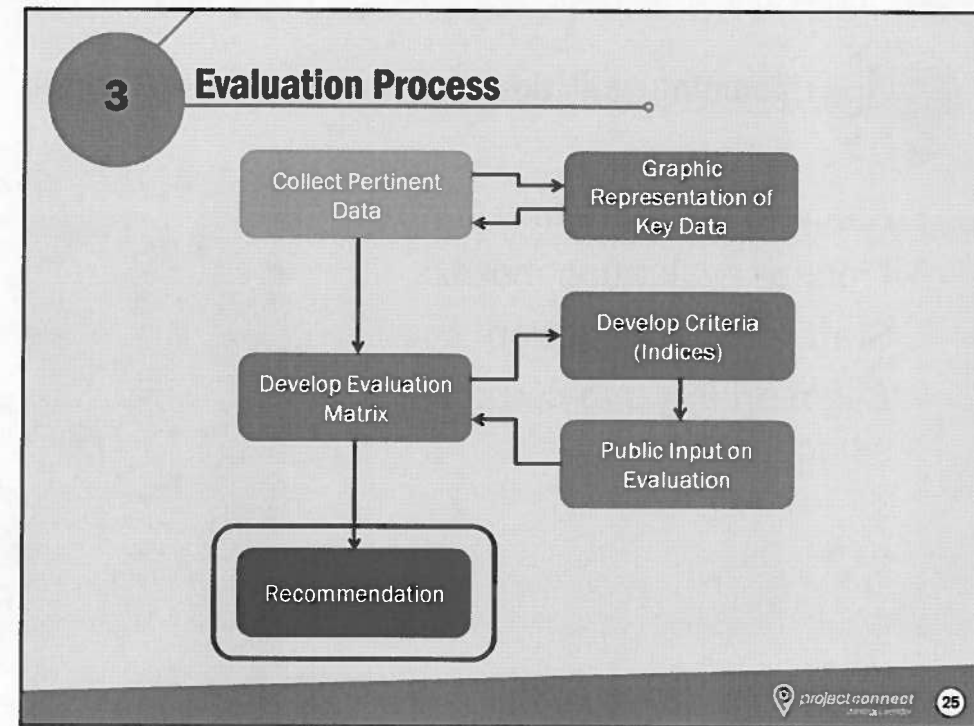
- Congestion Index – a measure based on the amount of congested lane miles and hours of vehicle delay
- Travel Demand Index – a measure of trips to the Downtown/Capitol/UT core, trips within the sub-corridor, and volume of trips passing through the sub-corridor

	Unimportant		Moderately Important		Very Important
Congestion Index	1	2	3	4	5
Demand Index	1	2	3	4	5

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Central Corridor

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4

Upcoming Activities

- Analyze, compare and contrast
- Finalize evaluation matrix
- Staff recommendation
- Begin priority sub-corridor selection

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The Road to the Priority Sub-Corridor

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THANK YOU

More Information:

**Project Connect &
Central Corridor HCT Study**
projectconnect.com





projectconnect
central corridor

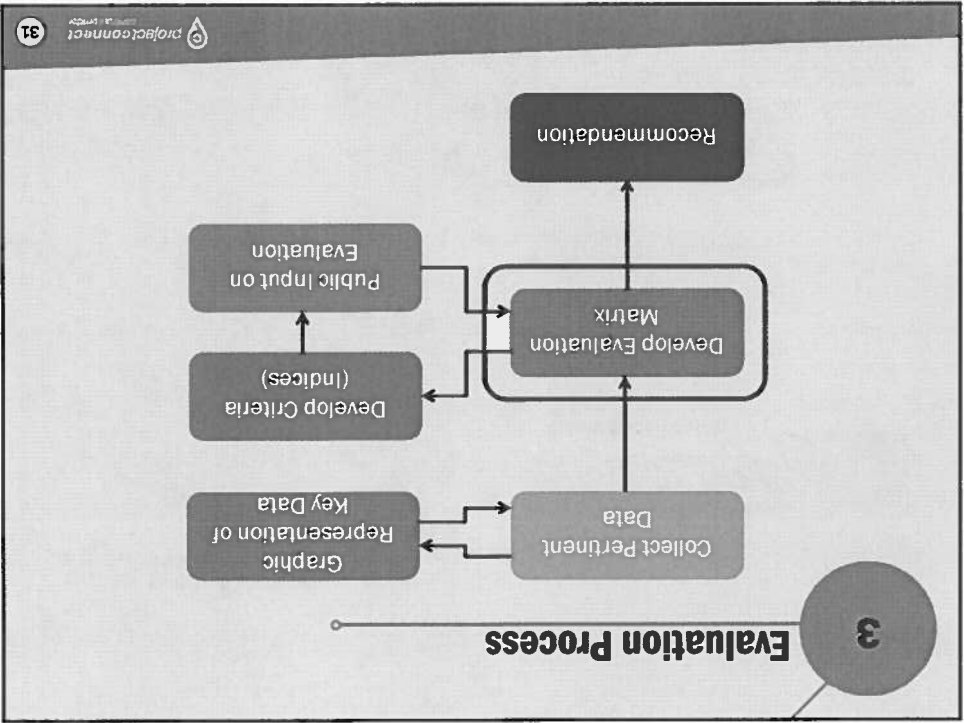
3 West Campus

- Why include West Campus in core?
 - Dominant travel pattern from West Campus is to UT
 - Land use and zoning tied to UT
 - Imagine Austin Center that includes UT also includes nearly all of the West University Neighborhood Planning Area



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Draft Evaluation Matrix

Evaluation Measures		Min	Max	West	Aviation	MO/PAC	Lamar	Highland	Muehleir	MLK	Au	Es
Total Area (sq miles)		2.22	6.24	2.22	2.69	4.56	2.68	6.24	3.79	4		
"Parce" Area		1.6704	4.9174	1.67	2.24	3.67	1.96	4.92	2.93	3		
(Not including transportation infrastructure, open space, waterways)				0.00	0.18	0.62	0.09	1.00	0.39	0		
Total Network Lane Miles (2010)		25.91	147.44	52.6	56.23	95.55	99.2	147.44	85.75	84		
Total Network Lane Miles (2030)		25.91	148.52	55.67	60.19	95.55	99.21	148.52	85.75	84		
Congested Lane Miles (2010)		4.91	24.47	14.31	12.16	7.38	19.93	24.47	12.66	7		
Congested Lane Miles (2030)		7.16	51.34	19.62	18.7	18.13	37.43	51.34	25.54	17		
% Lane Miles of Congestion (2010)		8%	27%	27%	22%	8%	20%	17%	15%	5		
% Lane Miles of Congestion (2030)		19%	44%	35%	31%	19%	38%	35%	30%	2		
Increase in % of Lane Miles of Congestion		8%	23%	8%	9%	11%	18%	18%	15%	1		
Total VMT (2010)		40201	258677	104066	117151	112037	203387	258677	133500	97		

Project Connect Central Corridor
Draft Evaluation Guide

MEASURES		CRITERIA	PROBLEMS		CRITERIA	MEASURES
% Lane Miles of Congestion (2010)		Congestion Index	Congestion	System	Ridership Potential	Transit Orientation Index
% Lane Miles of Congestion (2030)					Connectivity Index	Complementary HCT Connections (number of stops)
Increase in % of Lane Miles of Congestion						Competitive HCT Overlap (number of stops)
Congested VMT per Lane Mile (2010)						Bus Route-Miles per lane mile
Congested VMT per Lane Mile (2030)						Pedestrian and Bike Connectivity
% of Congested VMT (2010)					Transit Demand Index	Transit Orientation Index 2010
% of Congested VMT (2030)						Existing Ridership - (avg. daily boardings per square mile)
% of Increase of Congested VMT						Percent Poverty
Congested VHT per Lane Mile (2010)						Percent Zero-car Households
Congested VHT per Lane Mile (2030)					Percent Population Over 65	
% of congested VHT (2010)					Affordability Index	Household Transportation Costs
% of congested VHT (2030)						Percent Poverty
% of Increase of Congested VHT						Percent Zero-car Households
Delay Hours per Lane Mile (2010)						Percent Population Over 65
Delay Hours per Lane Mile (2030)						Economic Development Index
% Increase of Delay Hours per Lane Mile		Increase in Wages (per employee)				
Incident/Accident Proxy		Net Revenue (per square mile)				
Total O-D Trips to the Core per Square Mile (2010)		Travel Demand Index	Core		Percent Area <i>Imagine Austin</i> Regional Centers	
Total O-D Trips to the Core per Square Mile (2030)					Percent Area <i>Imagine Austin</i> Town Centers	
Total Intra-Sub-Corridor O-D trips per Square Mile (2010)					Percent Length of <i>Imagine Austin</i> Corridors	
Total Intra-Sub-Corridor O-D trips per Square Mile (2030)						
Regional Trips Through Sub-Corridor to Core						
Regional Through Trips Ending or Beginning in Sub-Corridor						
		Growth Index	Constraints and Growth	Centers		
Population Density Growth (2010 to 2030)					Centers Index	Regional Plans
Employment Density Growth (2010 to 2030)						Local Plans
Population Density (2030)						
Employment Density (2030)		Consistency with Plans				
Physical and Environmental Constraints to Implementation		Constraints Index				
Physical and Environmental Constraints to Budget/Cost						

