## CENTRAL CORRIDOR HIGH-CAPACITY TRANSIT STUDY Step 5 Briefing March 2014

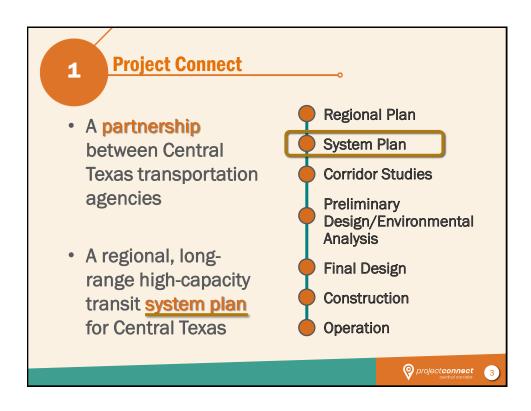


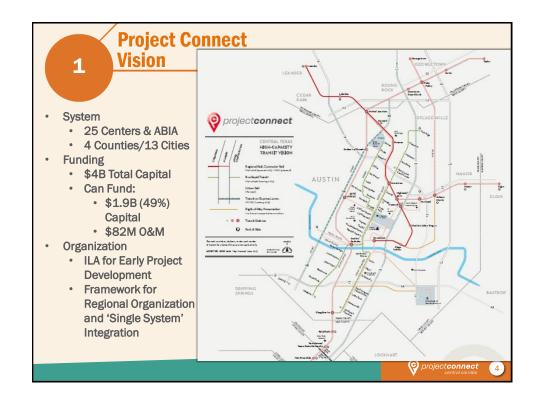


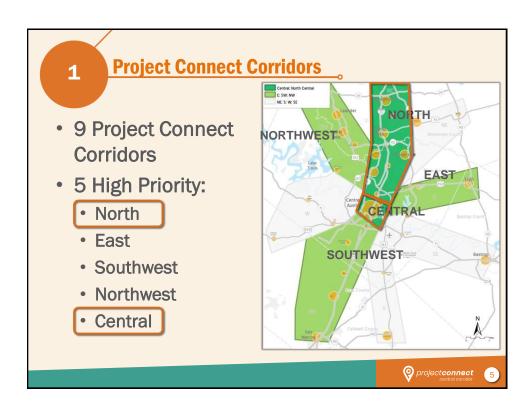
Agenda

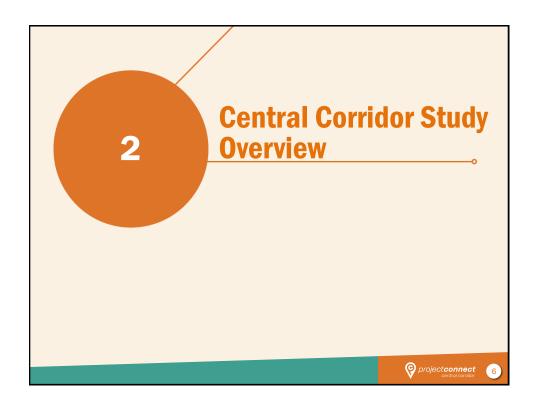
- 1) Introduction
- 2) Central Corridor Study Overview
- 3) Project Purpose & Service Profile
- 4) Mode Screening
- 5) Alignment Screening
- 6) Recommended Final Alternatives
- 7) Next Steps

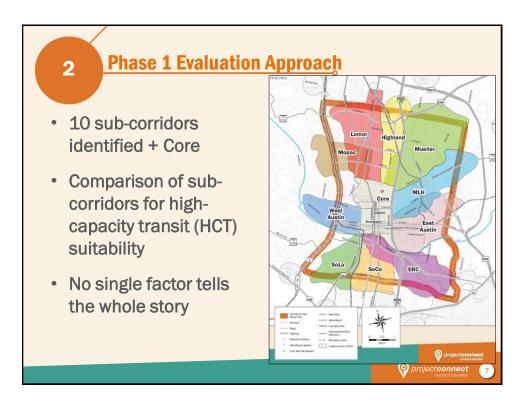












	2	<u>Phas</u>	e 1	<u>Evalua</u>	ation	Resu	lts_				
								Curre Foci		Futi Foo	
Project Team		CCAG		Public*		Equal Weight		Serving Criteria Only		Shaping Criteria Only	
ERC	70	ERC	58	ERC	72	ERC	60	ERC	55	ERC	57
Highland	61	Highland	58	Highland	65	Highland	57	East Austin	53	Highland	52
Lamar	53	Mueller	51	Mueller	56	Mueller	51	Lamar	53	Mueller	44
Mueller	52	Lamar	48	Lamar	51	Lamar	50	West Austin	52	Lamar	42
East Austin	50	East Austin	45	East Austin	49	East Austin	47	Highland	47	SoCo	38
SoCo	44	SoCo	41	SoCo	46	SoCo	43	Mueller	45	East Austin	34
West Austin	33	West Austin	32	West Austin	42	West Austin	32	SoCo	37	West Austin	28
MLK	27	SoLa	22	MLK	30	MLK	25	Mopac	36	SoLa	21
Морас	27	MLK	22	Морас	29	SoLa	22	MLK	31	MLK	18
SoLa	24	Морас	18	SoLa	28	Mopac	21	SoLa	16	Mopac	11
Key Findings  • ERC & Highland are top performers  — From various perspectives  • Weightings do not change the overall results  • All sub-corridors could support HCT  Evaluation scores can only be compared within each column.  *Three public workshops input.											
Projectconnect 8											

East Riverside

&
Highland

• East Riverside (ERC) and Highland are consistently in the top two

• Advance both into Phase 2

- Develop best project

• Balanced recommendation

- System Development

- Shaping Characteristics

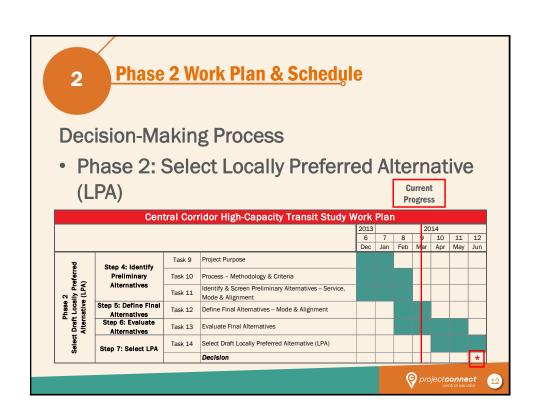
- Serving Characteristics

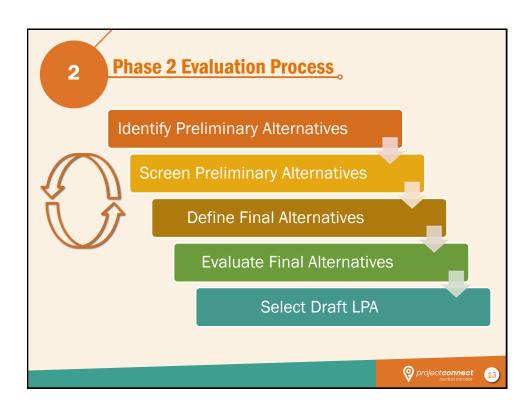
• Continue system planning and project definition for next tier

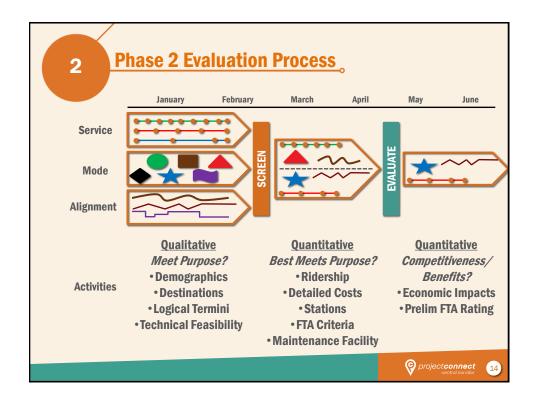
### **East Riverside & Highland Opportunities** Link East Riverside and Central Austin residential densities to: - Downtown employment destinations New Dell Medical School and **Innovation District** - New 'heart' of UT Austin campus - New ACC Highland flagship campus and 80 acre TOD with UT co-enrollment program and workforce training Provide alternative to I-35 congestion thru Central Austin Provide additional capacity across Lady Bird Lake · Build HCT system, linking Red Line, MetroRapid, Express Bus, North Corridor Connectors, LSTAR, etc. projectconnect

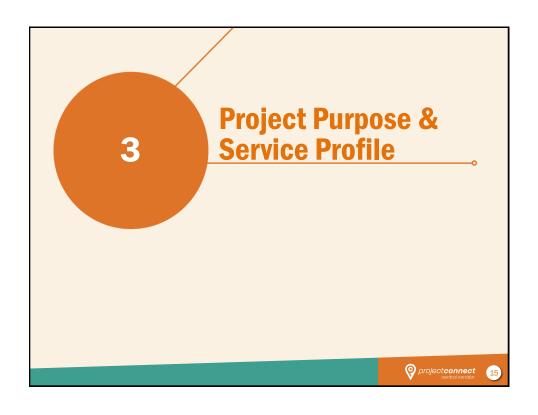
# Phase 2 Objectives Project Definition Service, mode, alignment, stops Funding Plan Capital and O&M costs, funding sources Within overall Project Connect Plan Governance Structure

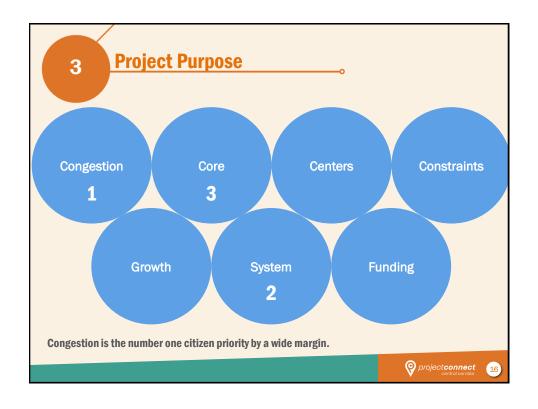
projectconnect

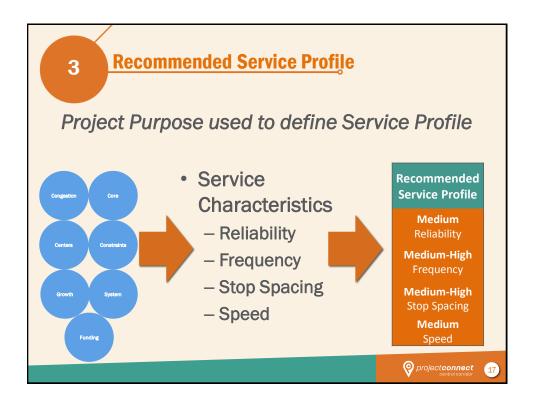


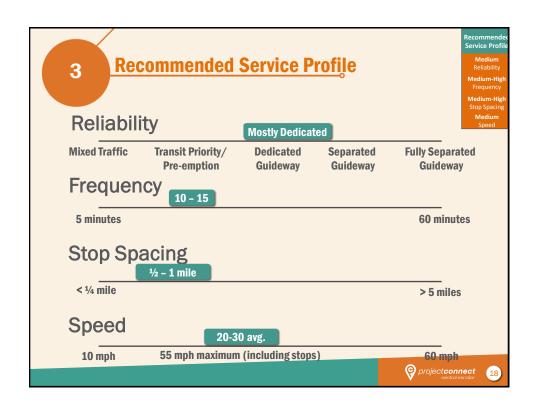


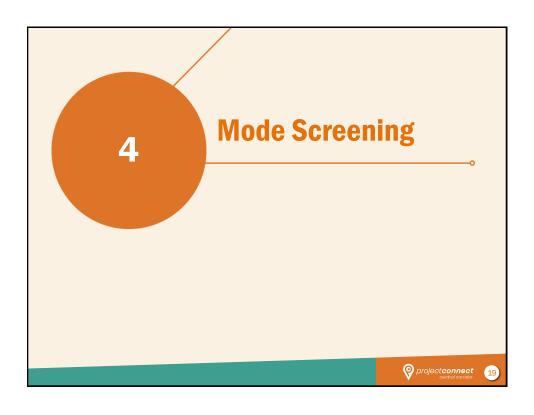


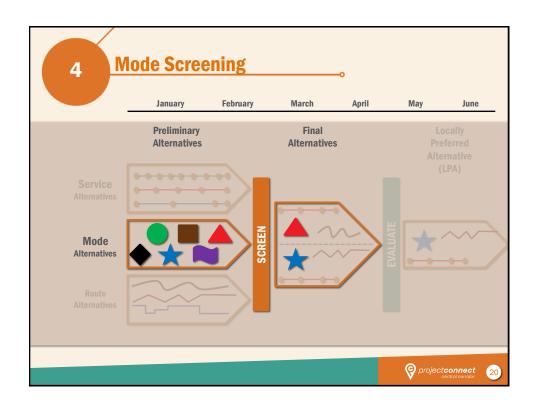


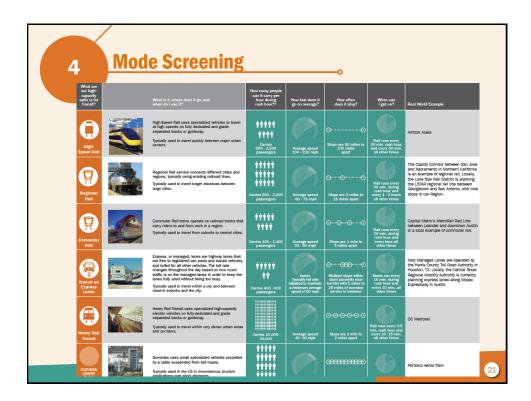












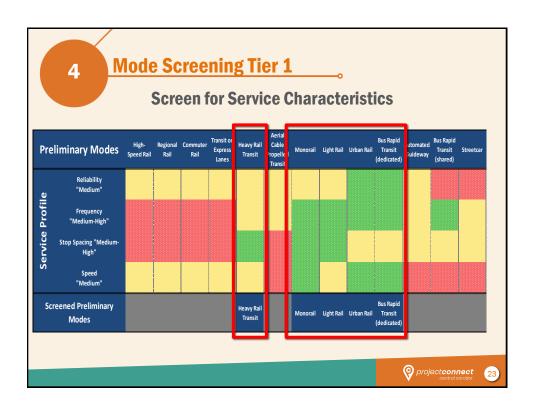
**Mode Screening Process** 

Public Input

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- Preliminary mode alternatives a function of public input (e.g. gondola)
- General agreement on modes considered
- Added evaluation of Personal Rapid Transit (as part of automated guideway)
- Two Tier Screening Process
  - 1. Service Profile
  - 2. Mode Characteristics







## Eliminated

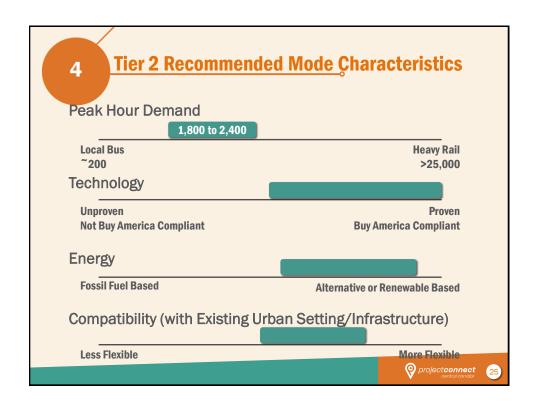
- High Speed Rail
- Inter-city Rail
- Regional Rail
- Commuter Rail
- Transit on Expressway
- Gondola
- Automated Guideway
- BRT (shared)
- Streetcar
- Local Bus

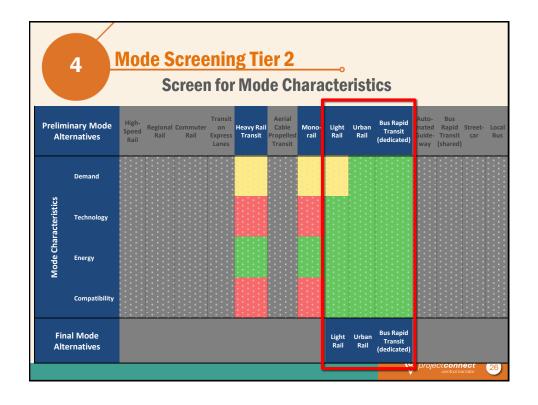
### Passed

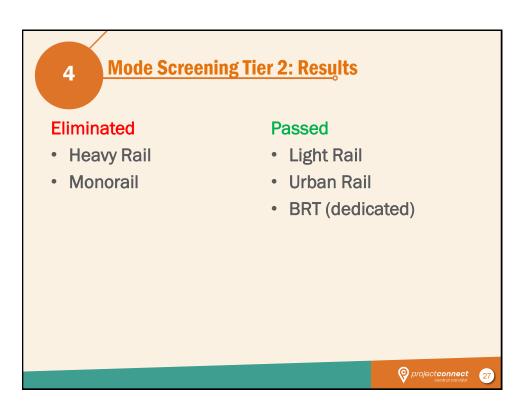
- · Heavy Rail
- Monorail
- Light Rail
- Urban Rail
- BRT (dedicated)

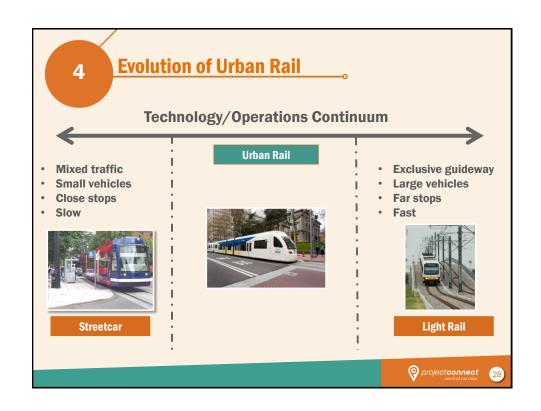




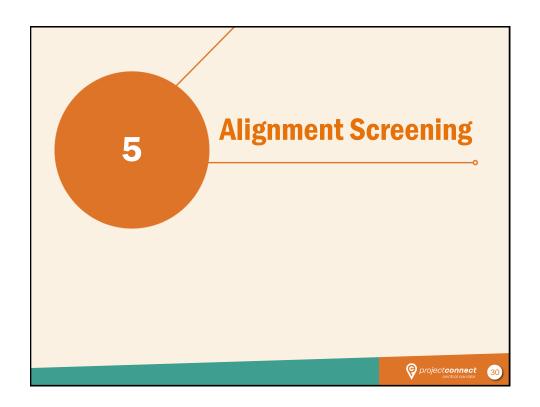


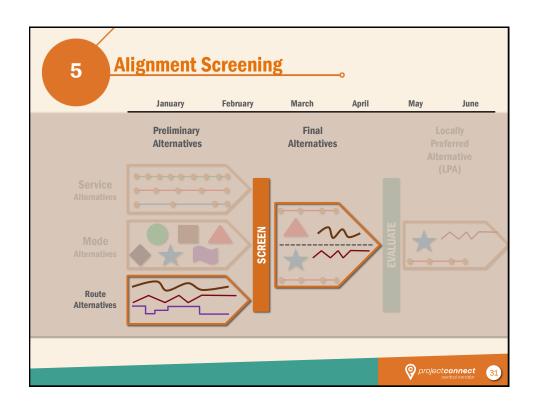


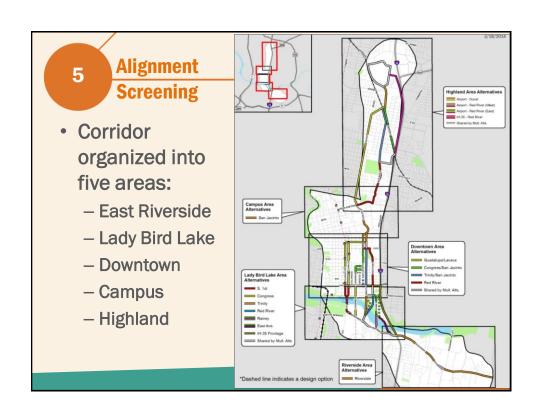












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### **Alignment Screening Process**

- **Public Input** 
  - Preliminary alignment alternatives a function of public input (e.g. Rainey)
  - Added evaluation of I-35 between Hancock and Highland
- **Three Tier Screening Process** 
  - 1. Service Characteristics
  - 2. Alignment Criteria
    - Mobility and Connectivity
    - · Compatibility with Plans
    - · Technical Feasibility
  - 3. Logical Connections





