

DIVISION

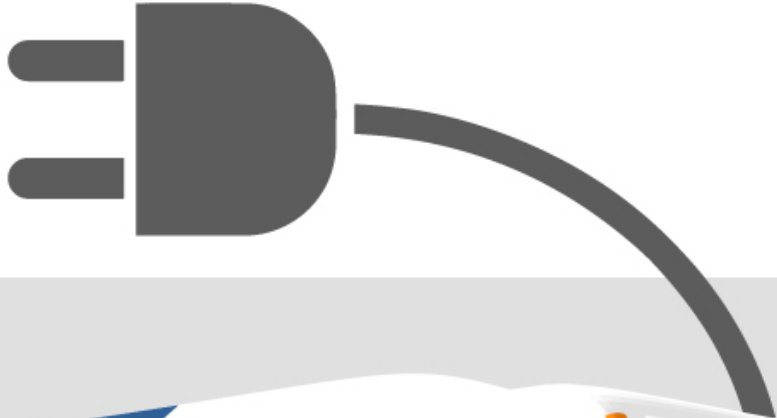
TRANSIT PROJECT



Community Advisory Committee

February 15, 2018

Electric Bus Update



Split of Line 4-Division/Fessenden



Line 4 Split Update

- Reducing opportunity for delay
- 3-4% of Line 4 Riders rider through downtown Portland
- Bus stops for both lines will be located on same downtown Portland blocks
- First round of comments were mostly positive
- Accepting additional comments through March 4th
 - <https://trimet.org/betterbus/serviceimprovements-fy19.htm>

FTA Small Starts Project Rating

- Annual Report on Funding Recommendations released Tuesday February 13th
- DTP Project received overall **Medium-High** rating

Local Financial Commitment	Project Justification Rating	Overall Project Rating
High	Medium	Medium-High

Small Starts Rating Application

50% of rating is based on Project Justification Criteria

Mobility Improvements

Environmental Benefits

Congestion Relief

Cost-effectiveness

Economic Development

Land Use

50% of Rating is based on Local Financial Commitment

Projects asking for >50% Small Starts funds = Medium rating

Projects asking for <50% Small Starts funds = High rating

Cost Pressures

	Funding 2018	Funding 2019
Current Cost Estimate	\$189,000,000	*\$195,000,000
	<i>Shortfall</i>	<i>Shortfall</i>
If \$175 million budget	\$14,000,000	\$20,000,000

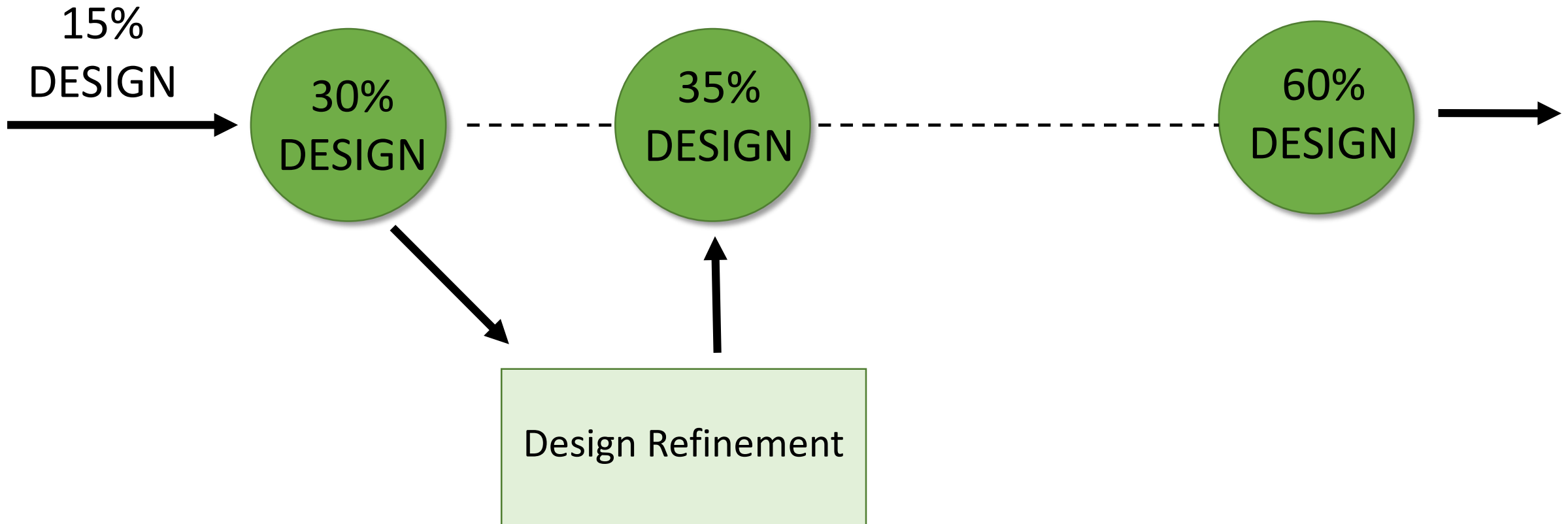
* Increase based on \$6M escalation for one year of delay

Reflect and Refine for Success

Pursuing Opportunities to Reduce Costs at 35% Design

- Ensures competitiveness in the Federal process
- Creates resiliency in the challenges ahead
- Reduces project risk
- Ensures that the project continues to perform and achieve results

Project Design Refinement



Refine/Simplify Project Design

- Focus on what is essential to deliver the transit project
- Retain performance and reliability
- Continue to deliver on project goals
- Ensure that project is replicable as a regional transportation tool

Areas of Focus - Design Refinement

- SIGNALS
- STATIONS
- LANEWAY
- AMENITIES AND OTHER OPPORTUNITIES

Schedule

PHASE I			PHASE II		
Project Recalibration Decision Process			35 Percent Design Plans		Review/Cost Est.
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE

Key Meetings

Design Team Meeting, Phase I

Design Team Meeting, Phase II

TDAC

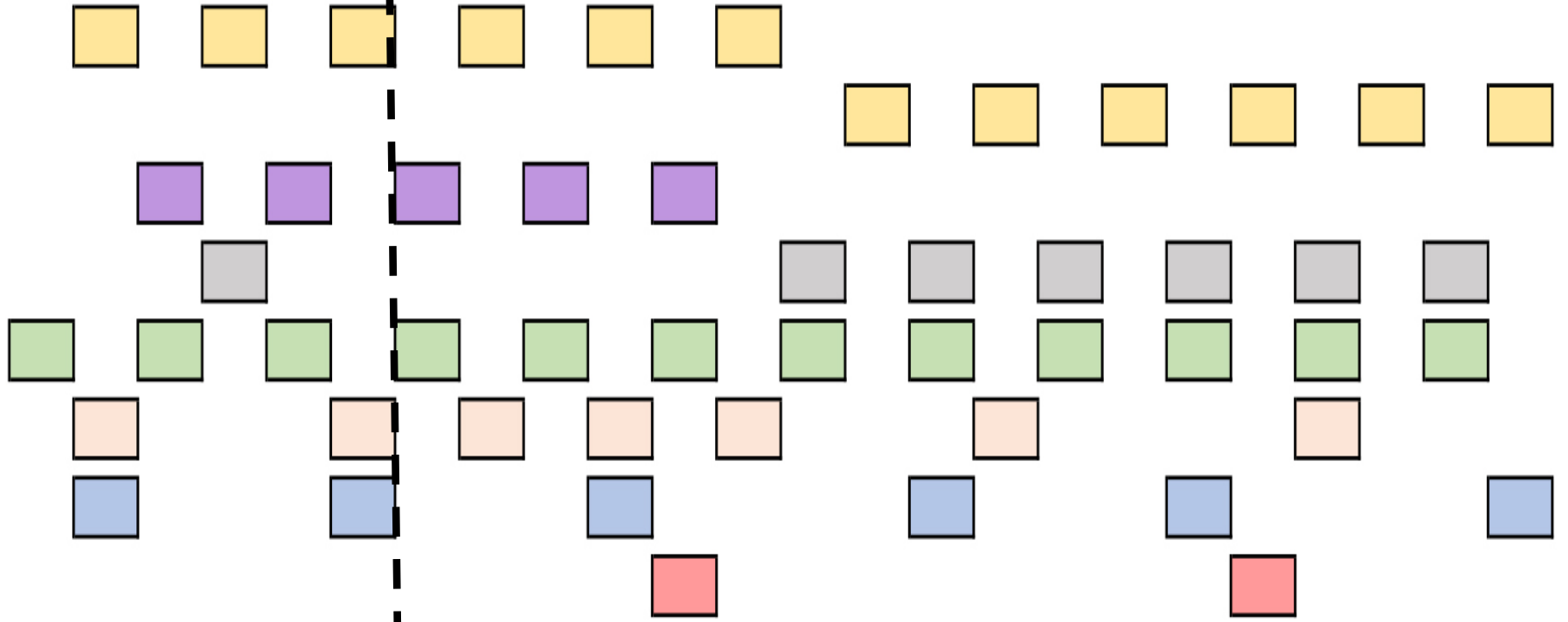
TAC

Project Partners (PP)

PMG

CAC

Policy & Budget



SIGNALS – Evaluation to Date

- Recognize performance aspects of physical design
- Evaluate cost/benefit of all signal improvements
- Signals are evaluated to determine:
 - What signals are worth investing in now
 - What signals go on our Wish List
 - What signals/conditions remain as is

STATIONS – Evaluation in Process

Evaluate civil design options

Station Investment Tailoring

LANEWAYS – Evaluation to come

Evaluate lane configurations and treatments that:

- Prioritize transit, without increasing ROW
- Focus on elements essential to transit performance

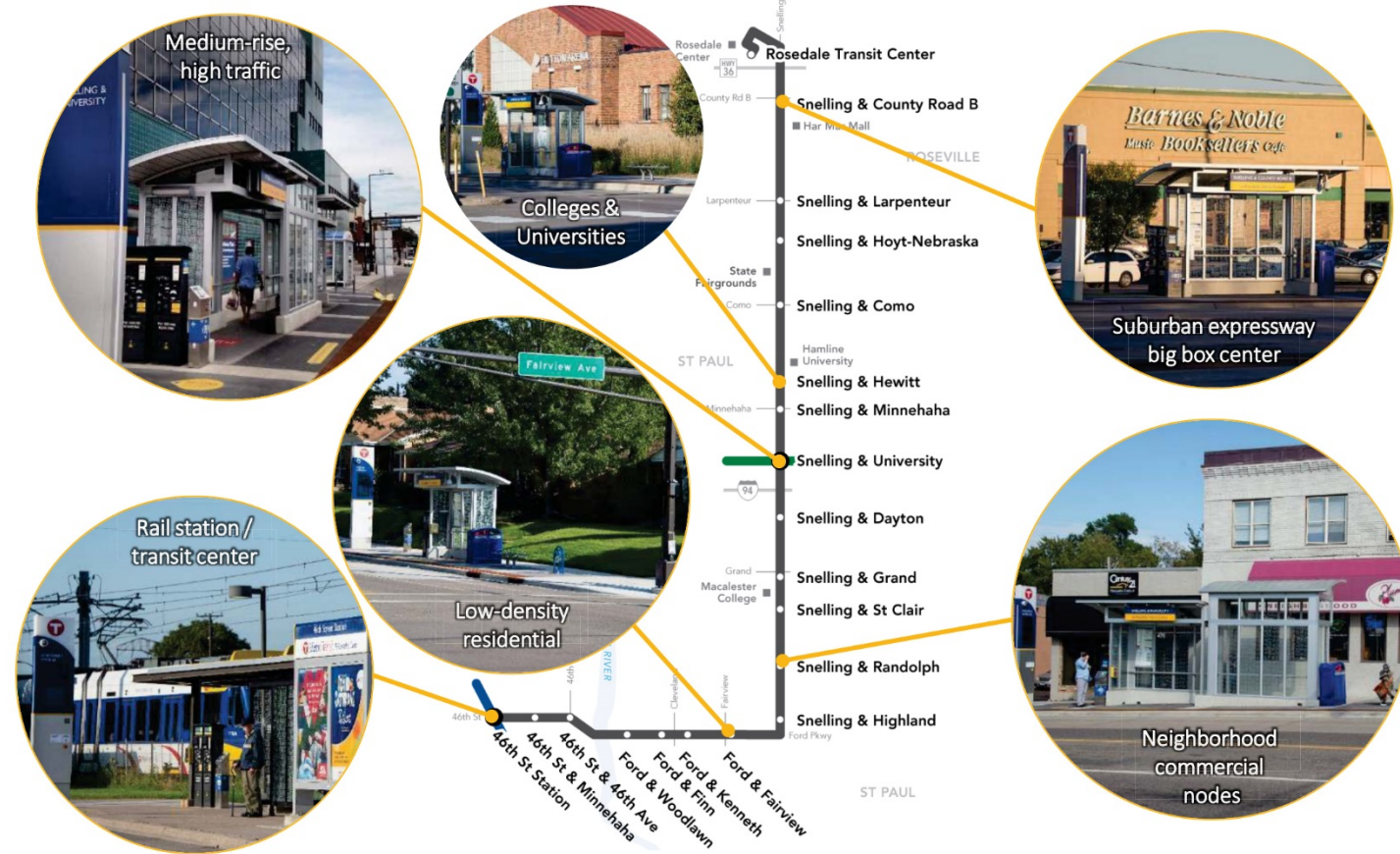
Looking to Peer Agencies

- Recognizing similarities in the challenge
- Understanding outcomes and lessons-learned
- Focusing on what is most important
- Observing the success of similar approaches

Peer Agency Examples

Minneapolis

The petri dish for a “kit” for many contexts



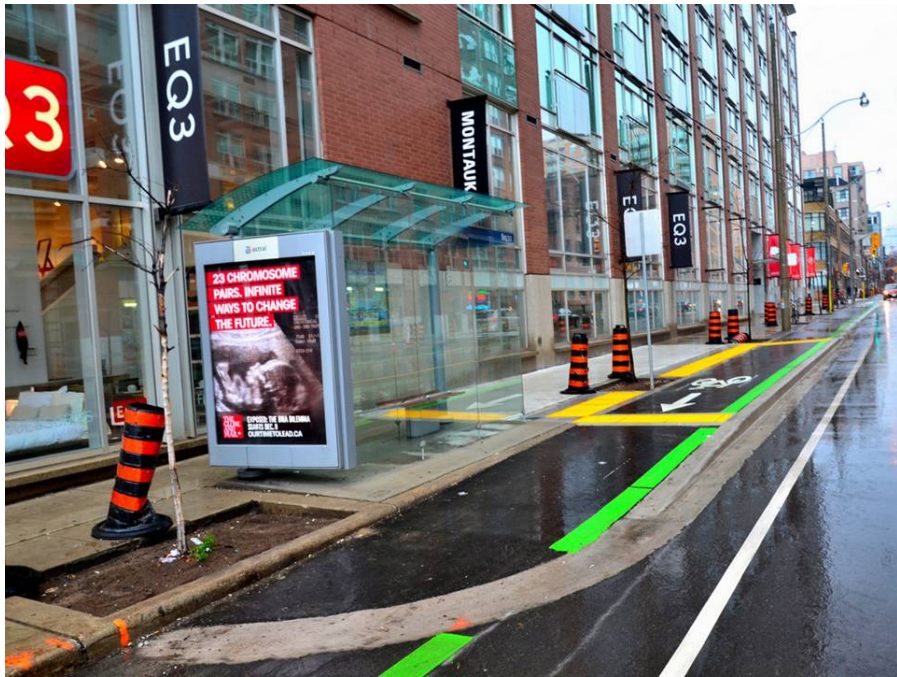
Peer Agency Examples

Seattle



Peer Agency Examples

Toronto



BRINGING IT TOGETHER

Creating a menu of options that:

- Speak to both cost and performance
- Demonstrate investment areas needed to achieve performance
- Establish a clear design path to achieve refinements and costs that fit goals + objectives + budget.
- Will be utilized to make recommendations represented in the 35% Design Set