



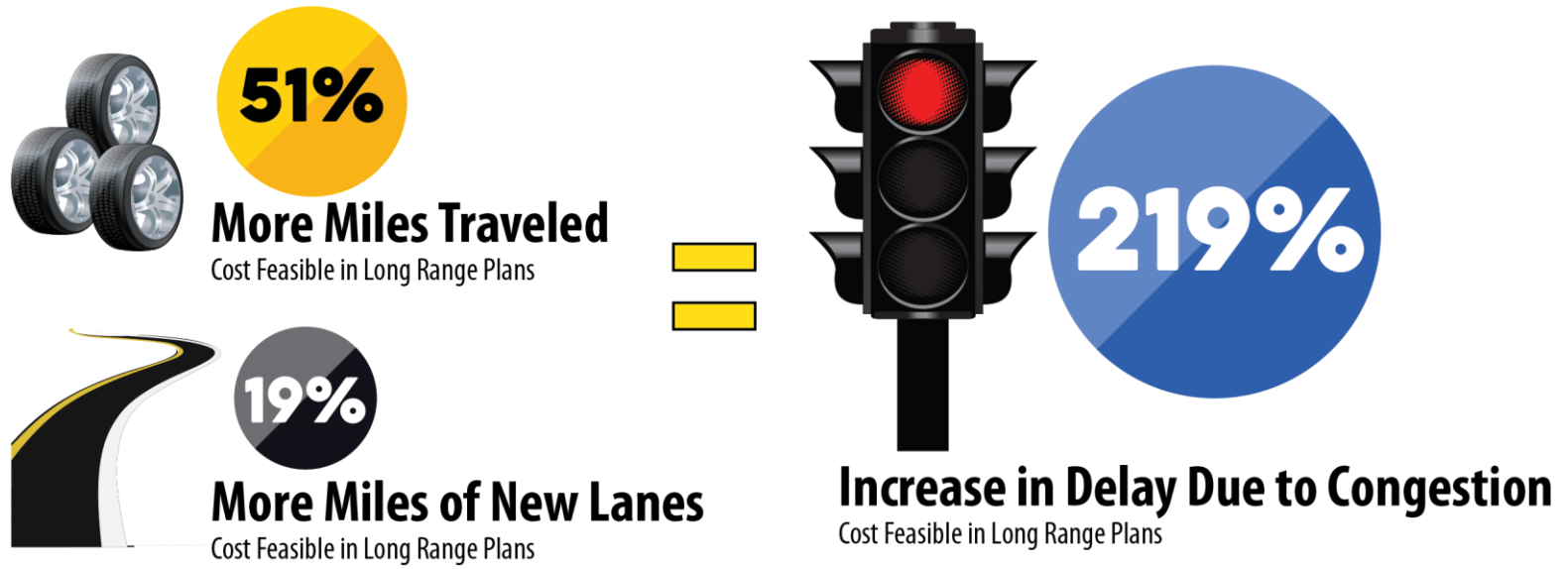
Regional Transit Feasibility Plan

A ROUTE MAP TO IMPLEMENTATION



Traveling to Our Regional Centers in 2040...

Source: Adopted MPO Long Range Transportation Plans (Hillsborough, Pasco, and Pinellas)



Purpose

- Which projects have the greatest potential to be funded (i.e., compete for federal grants) and be implemented?
- Which projects are the most forward thinking and make the best use of today's technology?
- Which projects best serve our region today while supporting tomorrow's growth?



What is the project to be built?



**Regional Transit
Feasibility Plan**

A ROUTE MAP TO IMPLEMENTATION

(Emphasis of the Regional
Transit Feasibility Plan)

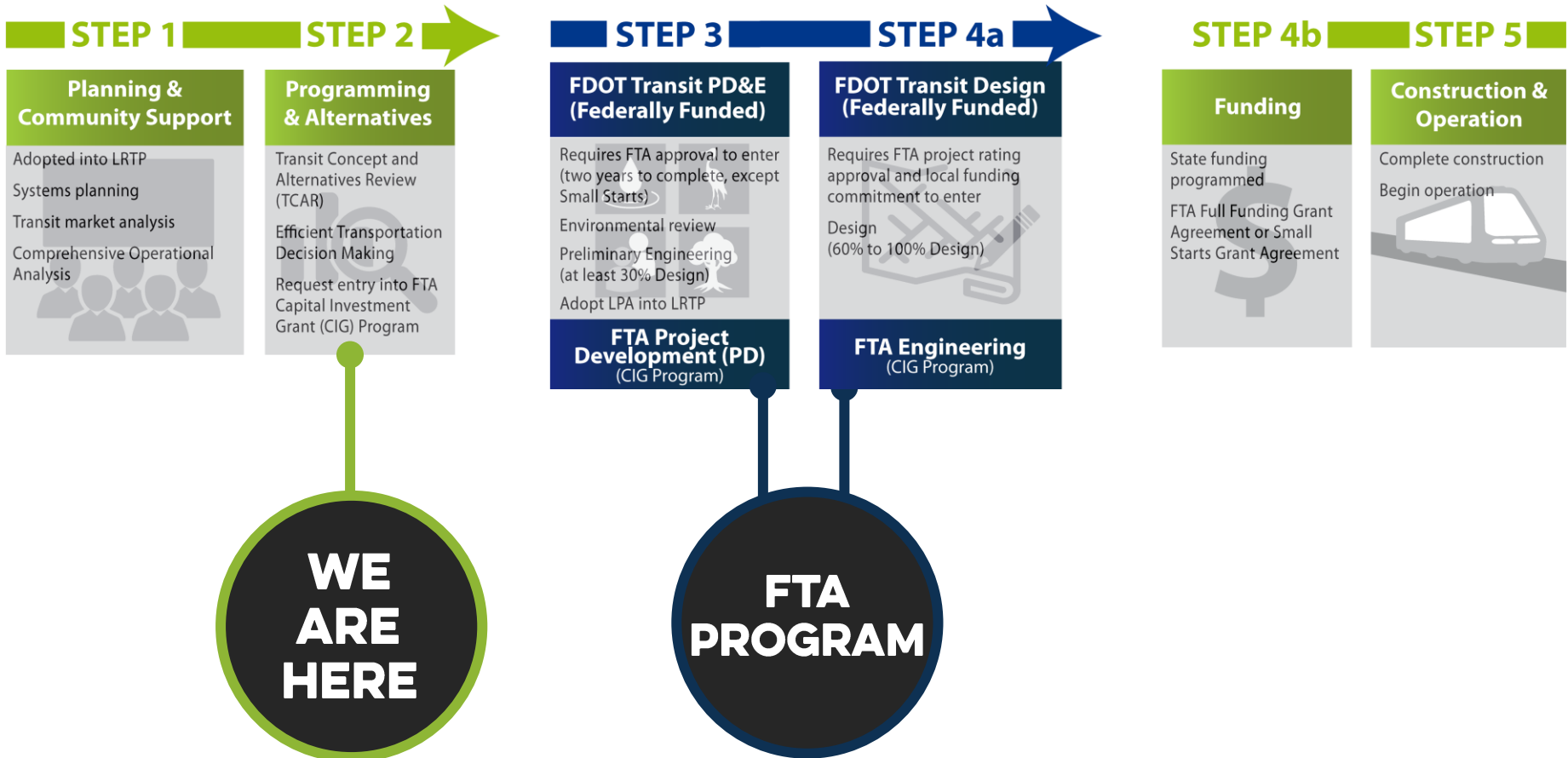


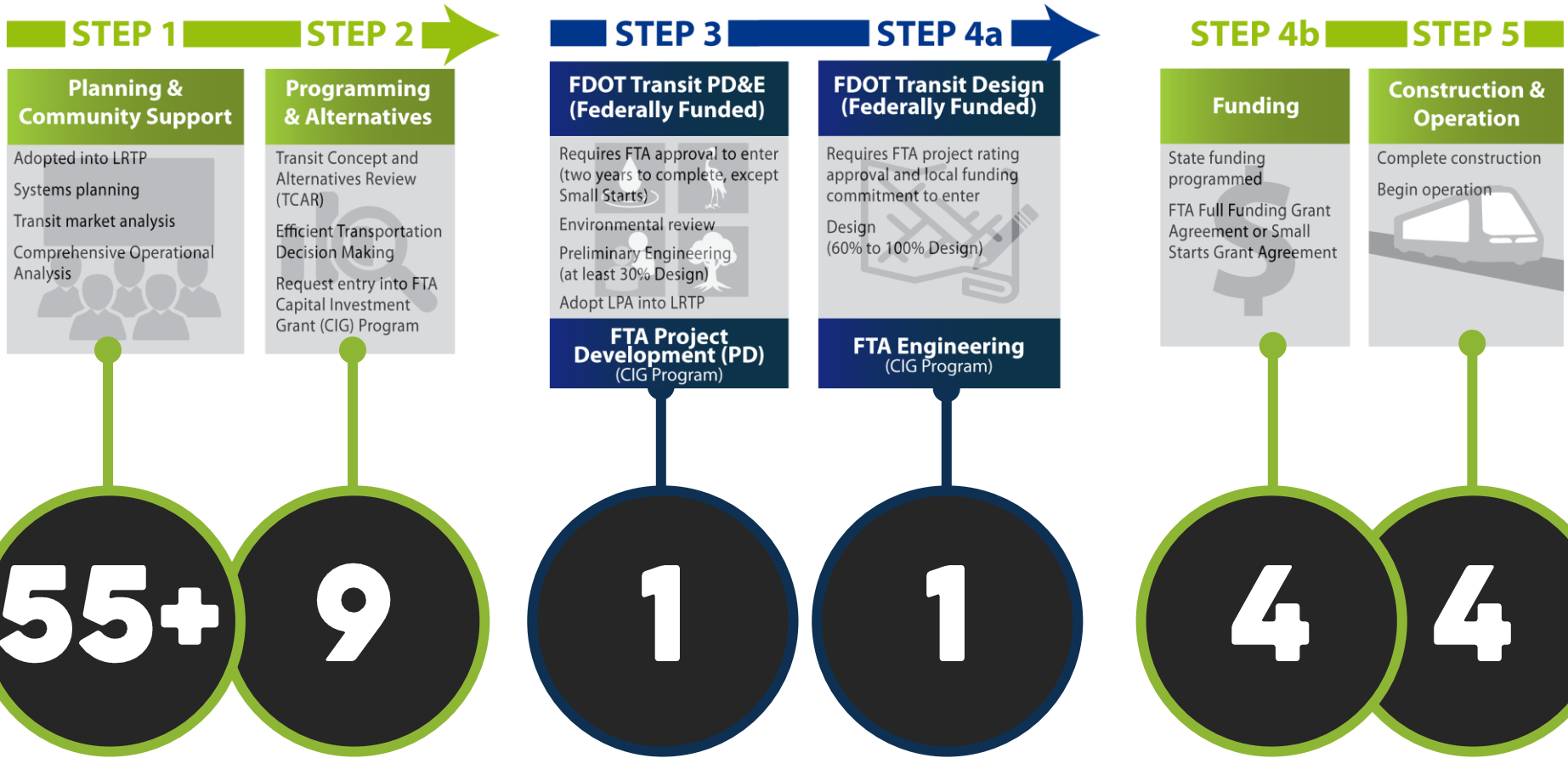
How is it funded?



Who is responsible for building and maintaining it?

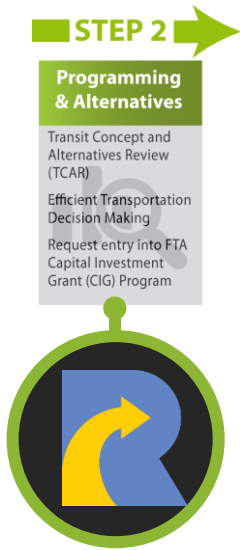
Building Premium Transit ...





Number of Projects Over the Past 30+ Years in Tampa Bay

Requesting Entrance into the CIG Program



“Rather, a relatively short letter (2 to 5 pages) is sufficient.” – FTA

- Description of the corridor, transportation problem, and purpose & need
 - Cost and funding strategies
 - Draft timeline for completing the project
-
- Identification of sponsor, any partners, project manager and other key staff
 - Committed funds to complete FTA Project Development work



What FTA Expects: An application for the highest priority project submitted by a project sponsor that is supported by our regional agencies and the public

- Refresh, not starting over
 - Build upon decades of visioning and planning
- Develop an implementation plan
 - Package of prioritized, feasible, and competitive projects
- FTA is a primary audience
 - Meet FTA requirements to secure capital and/or operations funding
 - State New Starts program (defers to FTA requirements)

Evaluation Plan

STEP 2

Programming & Alternatives

Transit Concept and Alternatives Review (TCAR)

Efficient Transportation Decision Making

Request entry into FTA Capital Investment Grant (CIG) Program

Straight forward three-step analysis

Corridor: Path or alignment, type of transit not defined

Mode: Transit vehicle types and technologies

Project: Recommendation, includes both a corridor and mode



1) WHERE are the top performing corridors?

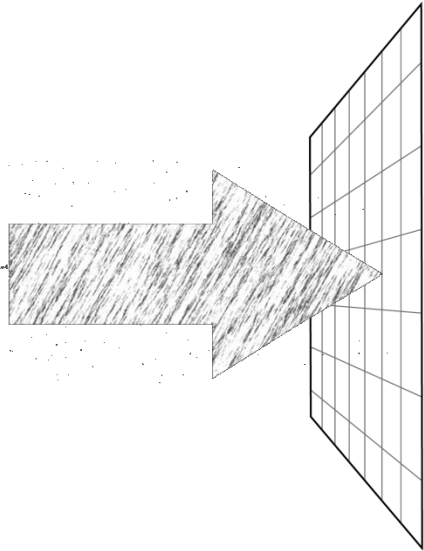
2) WHAT are the best projects?

3) How and WHEN are projects built?

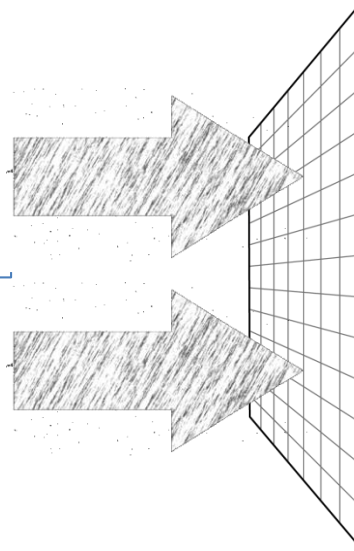
Top 5


Top 3

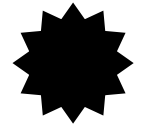
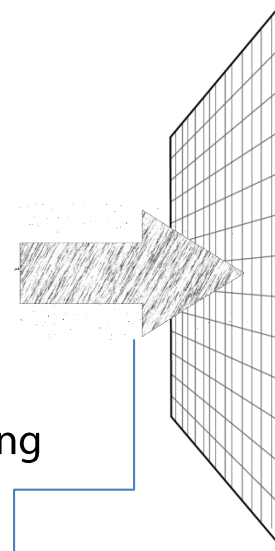
Top 3 in Priority Order




Sensitivity Testing




Value Engineering



L RTP and
TBARTA MP
premium transit
projects

- Top 5 corridors
- Up to 3 modes per corridor

Top 3
project
concepts

IMPLEMENTATION PLAN

EVALUATION PLAN

1) WHERE are the top performing corridors?

TOP 5 corridors in each receives **1 POINT**

Most frequently studied

Connect to the most regional activity centers

Serves the greatest number of regional trips

Most jobs within 1/2 mile of corridor

Most households within 1/2 mile of corridor

Most miles within land use areas with transit supportive policies

Highest no. of development areas (CRAs) served

Least miles in flood or storm surge zones

Highest no. of community amenities served (cultural, educational, institutional, and recreational)

2) WHAT are the best projects?

TOP 3 projects in each receives **1 POINT**

Least significant structural needs

Least significant utility relocation requirements

Least noise & vibration impacts to sensitive uses

Least natural resource impacts

Least cultural resource impacts

Best preliminary FTA Mobility Criteria rating

Best preliminary FTA Cost Effectiveness Criteria rating (Including project justification warrants)

Best preliminary FTA Land Use Criteria rating

ROI Net Value (cost of project compared to monetized benefits of project)

3) HOW and WHEN are projects built?

Rank Top 3 Projects in Sequence

Best preliminary overall FTA project rating

Preliminary costs and financial strategies

Starts with LRTP and TBARTA MP premium transit projects

Sensitivity Testing

Value Engineering

DRAFT IMPLEMENTATION PLAN

Sensitivity Testing: Matching Transit Modes to each Corridor

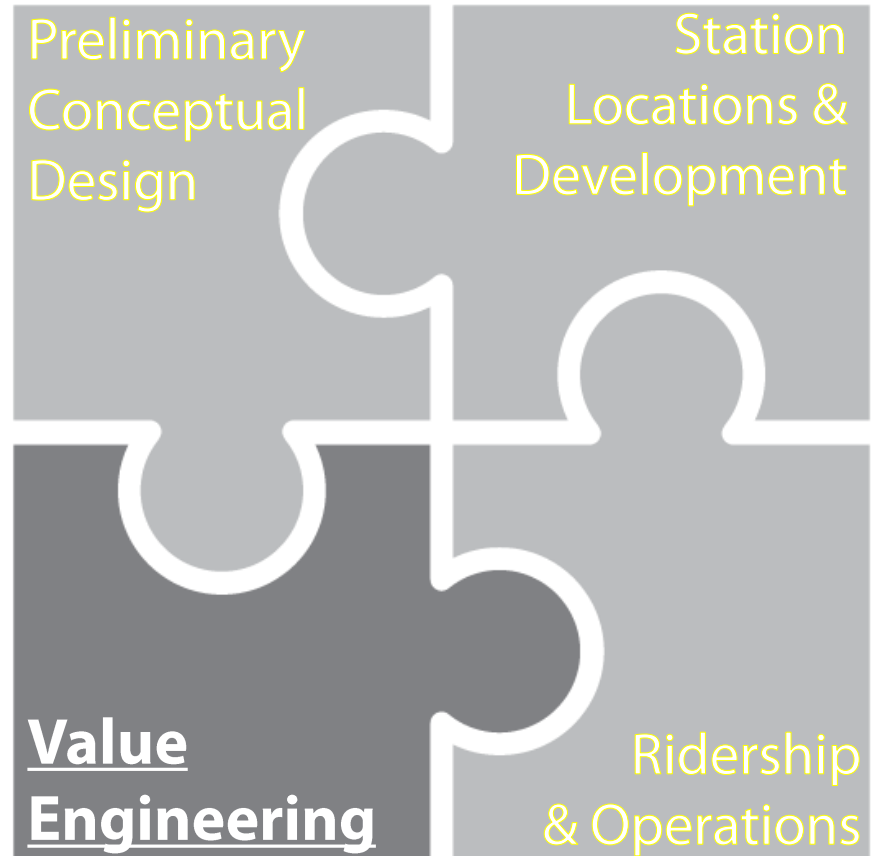
Optimal Characteristics

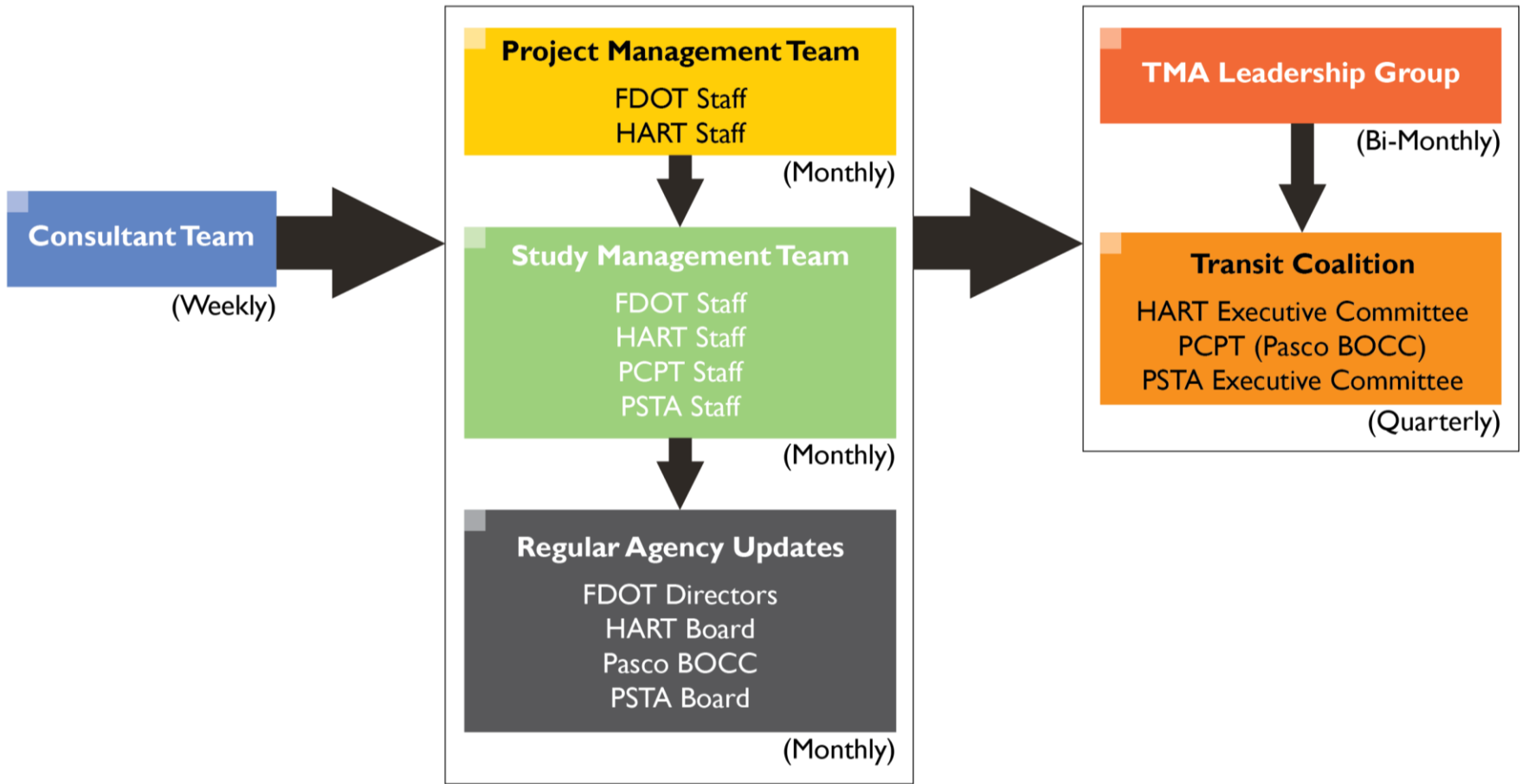
- Highest potential ridership demand
- Best serves length of trip
- Achieves best end-to-end travel times
- Available Right of Way



Which
modes best
serve each
corridor?

Value Engineering: Making the Top 3 Projects Competitive





Business Alliance (Quarterly)

Public (Continually)



GUIDANCE AND INFORMATION REPORTING



YEAR 1: TECHNICAL “QUIET PERIOD”

Feb. 2017 = Evaluation Plan

Apr. 2017 = Step 1 “Where”

Jun. 2017 = Step 2 “What”

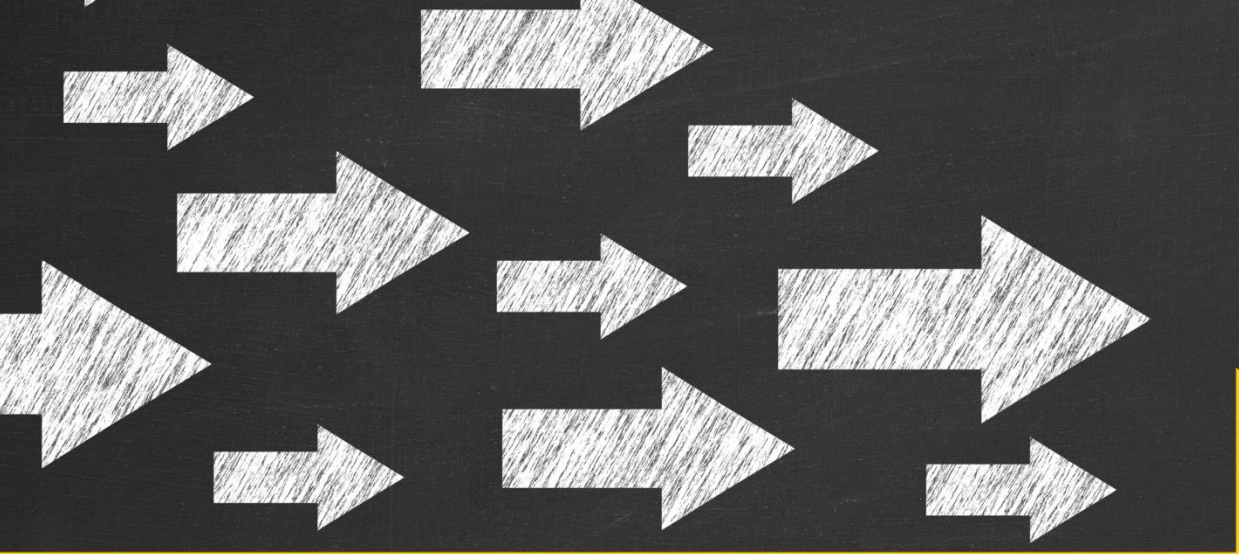
Sep. 2017 = Step 3 “How” and “When”



YEAR 2: CONSENSUS BUILDING “LOUD PERIOD”

Oct. 2017 - Jun. 2018: Draft and final Implementation Plan

Jul. 2018 - Sep. 2018: FTA coordination & documentation



Regional Transit Feasibility Plan

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