

A close-up, low-angle shot of the side of a white bus with teal and dark green curved stripes. The Sound Transit logo, a stylized 'S' and 'T' in a blue square, is positioned above the text 'SOUNDTRANSIT' in a blue, sans-serif font. Below the text is a rectangular amber-colored light fixture. The background shows a blurred city building with windows.

SOUNDTRANSIT

Bus Rapid Transit

Sound Transit Capital Committee
February 8, 2018

Bus Rapid Transit (BRT)

AGENDA

- BRT Program Overview
- Today's BRT Actions
 - I-405 BRT WSDOT Task Order
 - SR 522/523 BRT Consultant contract
 - I-405 BRT Consultant contract

BRT: A New Line of Service

- Opens in 2024
 - Two BRT corridors (I-405 and SR 522/SR 523)
 - Bus operations and maintenance facility
- 20 BRT stations (signage, shelter, amenities)
- Parking facilities
- Transit centers



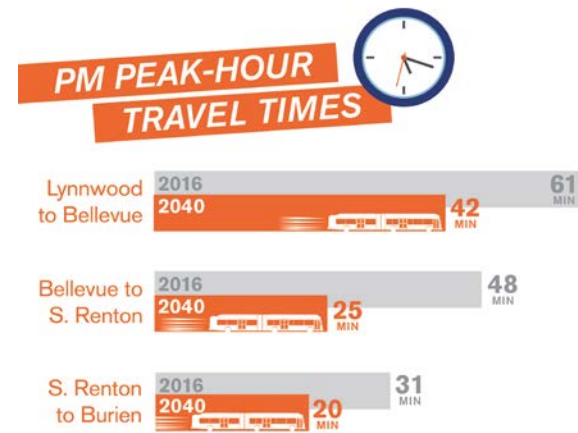
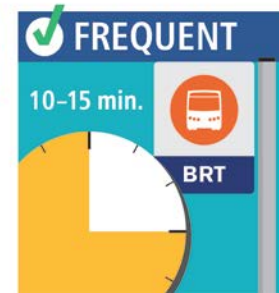
Example BRT – Community Transit *Swift*
Source: Community Transit Blogspot



Example BRT – Minneapolis Metro A Line

Fast, Frequent & Reliable Transit Service

- Managed Lanes
(e.g. Express Toll Lanes, Business Access and Transit, bus only lanes, bus-on-shoulder)
- 10-minute peak, 15-minute off-peak headways for I-405 BRT
- 10-minute peak and off-peak for SR 522/523, 20 minute to Woodinville
- Up to 19 hours of service between Monday-Saturday
- Up to 17 hours on Sunday



BRT Best Practices



Unique Station Design and Branding



BRT Dedicated Fleet



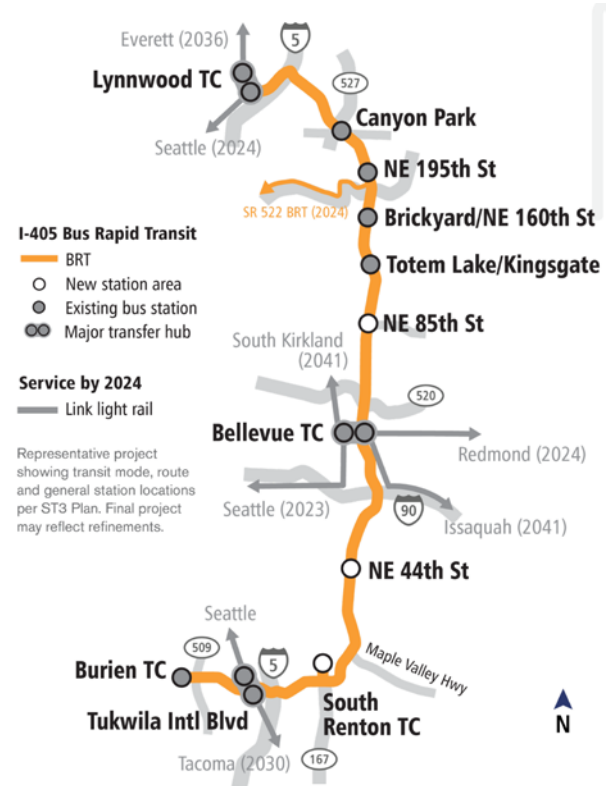
Off-board Fare Collection

Examples from Community Transit

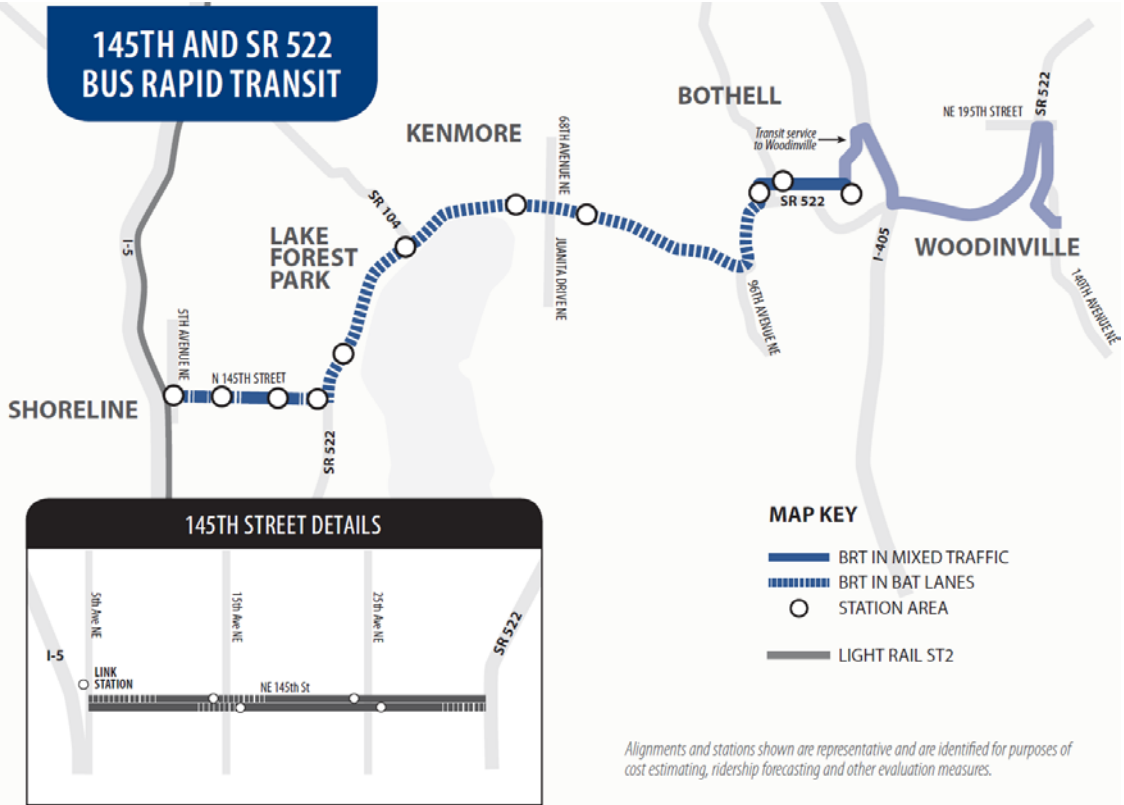
I-405 BRT Highlights - 2024

37-mile corridor: Lynnwood to Burien

- Develop I-405 Master Plan BRT system
- North Corridor: Lynnwood to Bellevue
- South Corridor: Bellevue to Burien, via Renton
- 11 BRT stations across 7 cities
- 3 new/expanded parking facilities
- 1 new transit center



SR 522 BRT Highlights - 2024



8-mile corridor: Shoreline to Woodinville

- Connects to light rail at N. 145th Street and I-5
- Completes gaps in bus lanes on SR 522 (Business Access & Transit lanes)
- 9 station pairs
- Expanded Transit Center - UW Bothell
- Additional parking (Lake Forest Park, Kenmore, Bothell)
- Planned service starting in 2024

Bus Operations and Maintenance Facility

- Supports BRT program
- Accommodate 60 buses, 80 in future
- Coordination with ST Express bus base

Project development activities

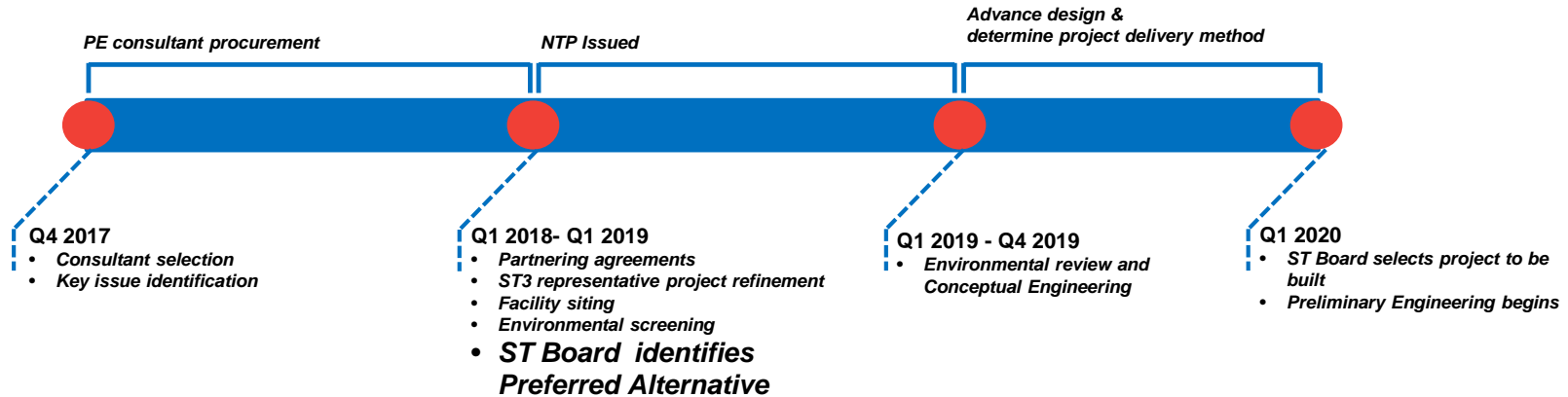
- Protective property acquisition
- Preserve option for Bothell/Canyon Park bus base

Facility amenities

- ✓ Maintenance
- ✓ Offices and support areas
- ✓ Repair shop
- ✓ Parts storage
- ✓ Fuel, wash, service areas
- ✓ Bus operations, dispatching, and employee facilities
- ✓ Bus parking
- ✓ Employee and visitor parking
- ✓ 1 percent for art
- ✓ Illumination
- ✓ Landscaping

Project Schedule

24-month look-ahead



Partnering

Collaborative process

- Elected Leadership group
- Interagency group
- Stakeholder involvement
- Streamlined permitting
- Land use approvals



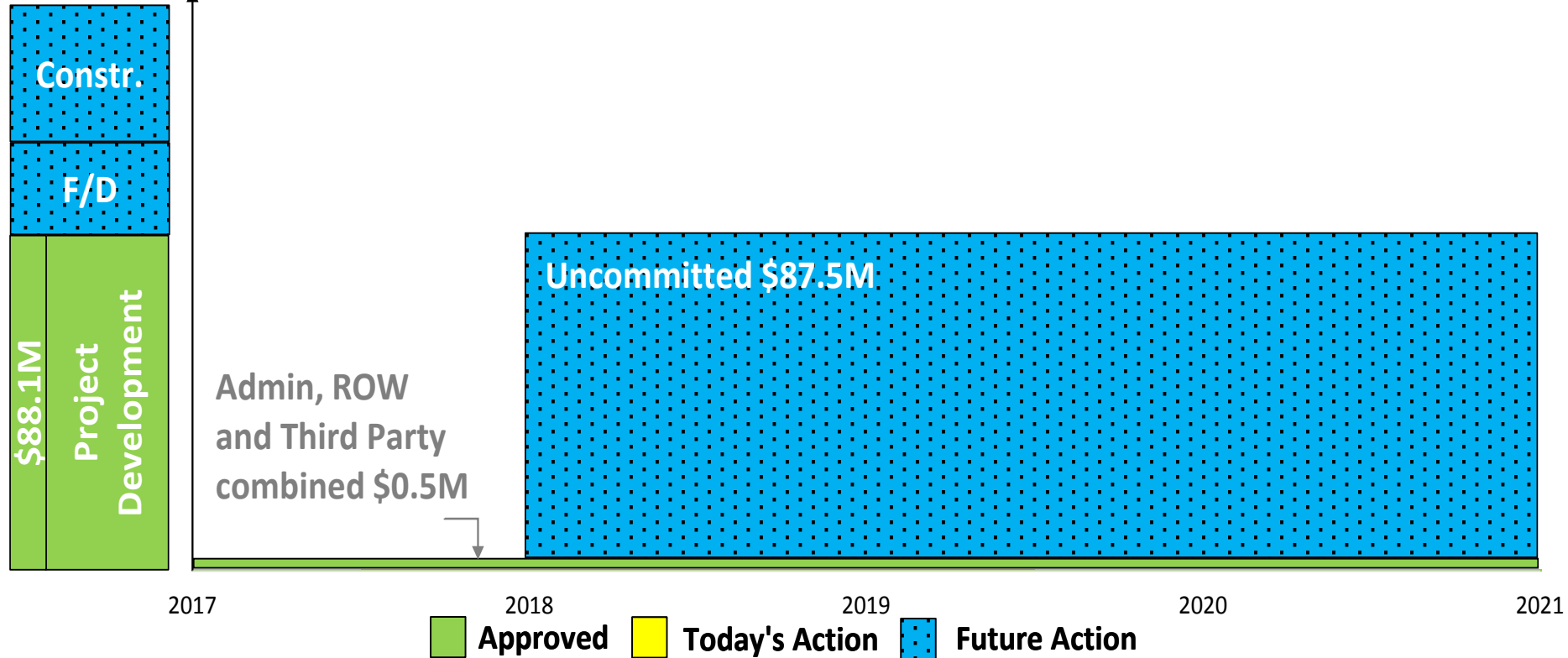
WSDOT Task Order

I-405 BRT WSDOT Professional Services Coordination

- I-405 and SR 518 Alternative Development and Refinement
- Technical support
- Collaborate on planning of BRT in WSDOT right-of-way
- Agreement amount requested: \$222,893 including 10% contingency

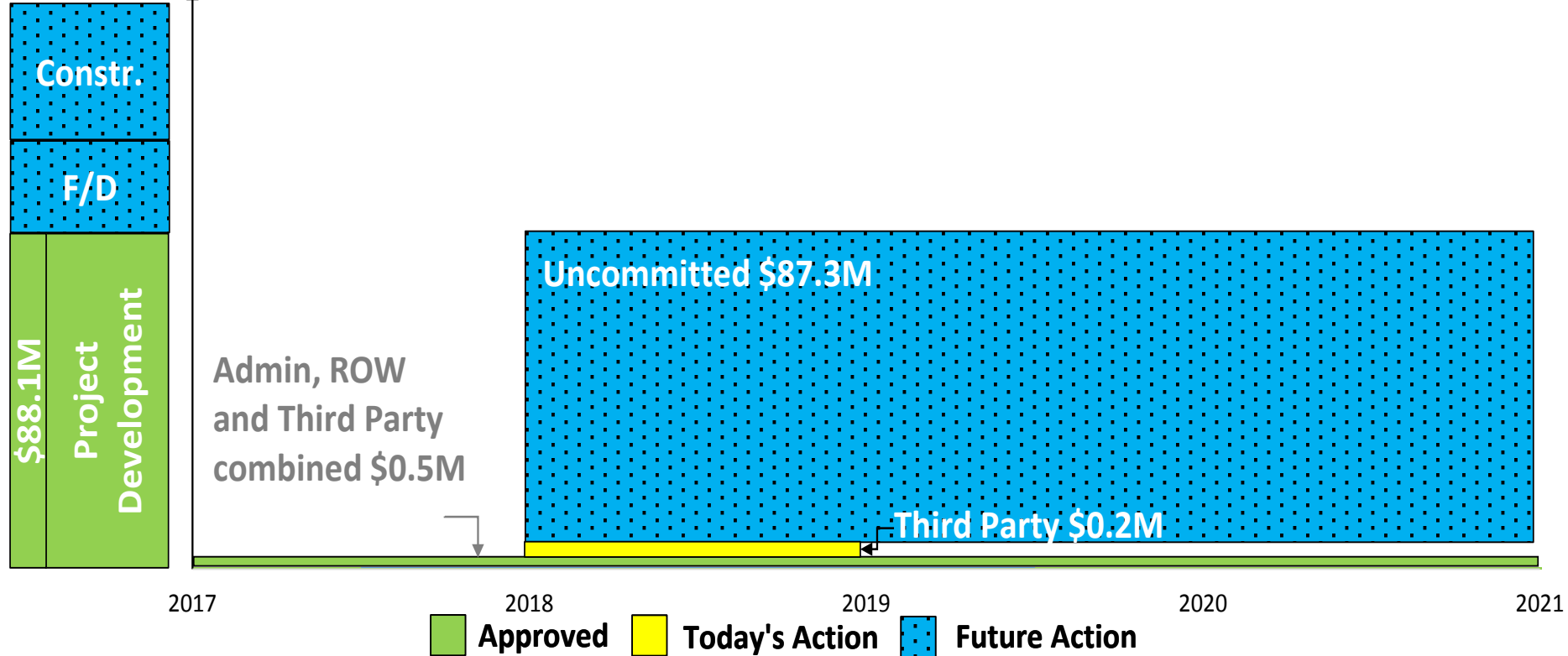
I-405 Bus Rapid Transit: Authorized Project Allocation to Date \$88.1M

ALLOCATION \$ COMMITMENTS



I-405 Bus Rapid Transit: Board Approves Agreement \$0.2M

ALLOCATION \$ COMMITMENTS



SR 522 BRT Consultant Contract

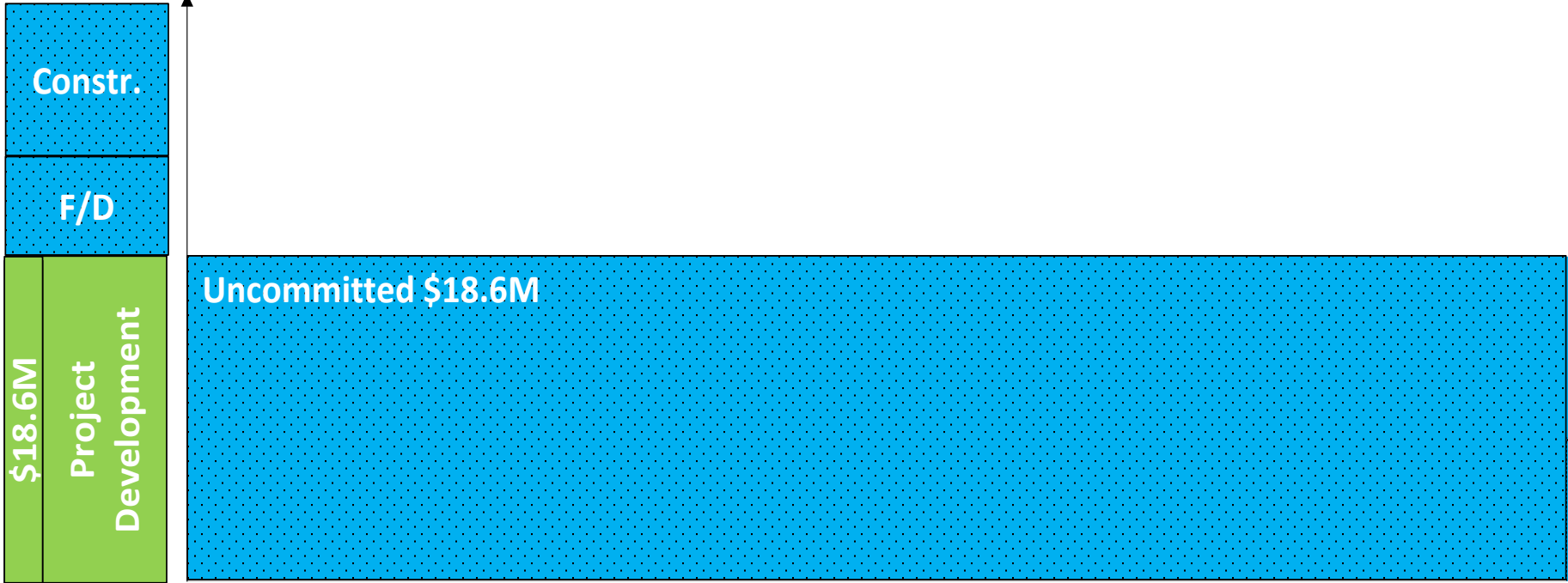
David Evans and Associates, Inc.

- Highest Ranked of 5 proposals
- Phase 1 - Alternatives Development
 - Evaluate and refine ST3 representative project
 - Service integration with partners and LINK Light Rail
- Future Phases: Conceptual Engineering/ Environmental Clearance (Phase 2), and Preliminary Engineering (Phase 3) in 2019 and 2020
- Contract authorization requested: \$2,750,000 including 10% contingency

SR 522 BUS RAPID TRANSIT:

Authorized Project Allocation to Date \$18.6M

ALLOCATION \$ COMMITMENTS



2018

2019

2020

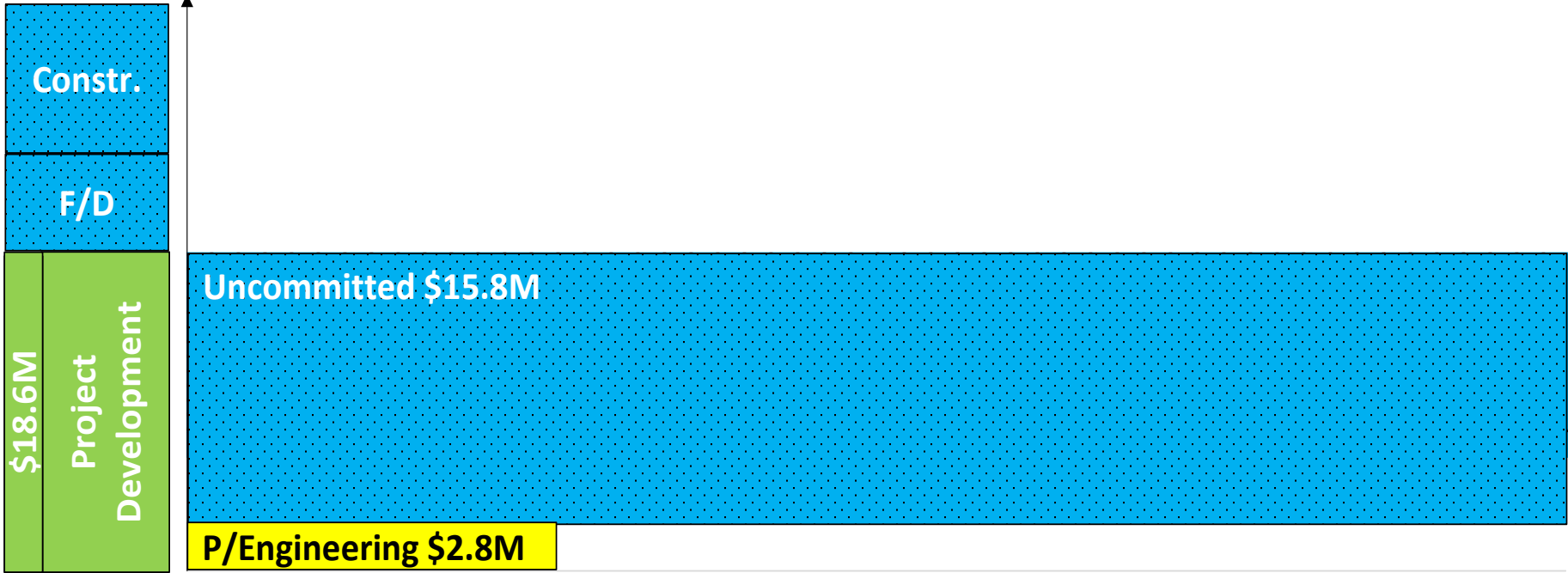
2021

Approved Today's Action Future Action

SR 522 BUS RAPID TRANSIT:

Board Approves Contract \$2.8M

ALLOCATION \$ COMMITMENTS



2018

2019

2020

2021

Approved Today's Action Future Action

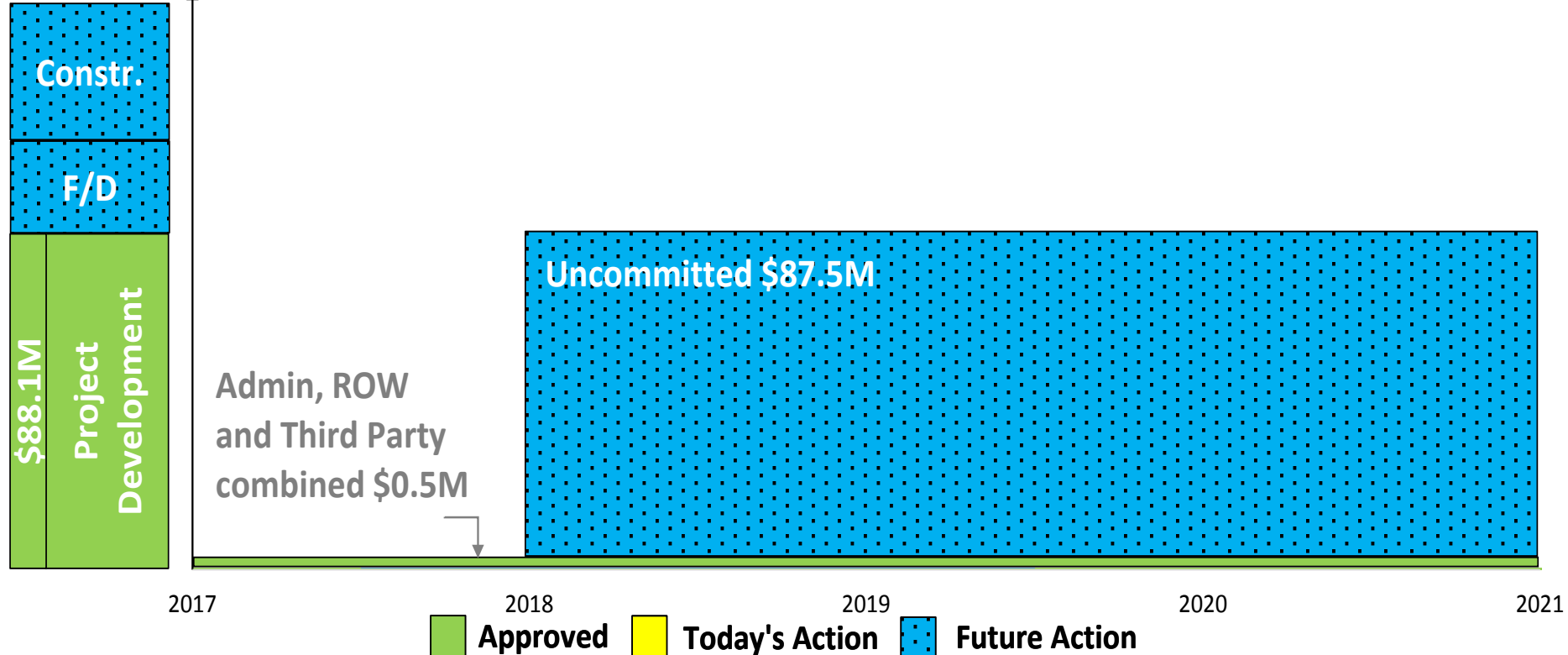
I-405 BRT Consultant Agreement

WSP USA, Inc.

- Highest Ranked of 4 proposals
- Alternatives Development (Phase 1)
 - Evaluate and refine ST3 representative project
 - Service integration with partners and LINK Light Rail
- Future Phases: Conceptual Engineering/Environmental Clearance (Phase 2), and Preliminary Engineering (Phase 3) in 2019 and 2020
- Bus Operations and Maintenance Facility siting and programming
- BRT station design and branding, and vehicle design/propulsion
- Contract authorization requested: \$6,424,000 including 10% contingency

I-405 Bus Rapid Transit: Authorized Project Allocation to Date \$88.1M

ALLOCATION \$ COMMITMENTS



I-405 Bus Rapid Transit:

ALLOCATION \$ COMMITMENTS

Board Approves Agreement \$0.2M

Board Approves Contract \$6.4M

