



# Lynnwood Link Extension Update

Board Meeting  
July 28, 2016

# Lynnwood Link Extension

- **Length:** 8.5 miles from Northgate to Lynnwood
- **Alignment:** approximately 4.1 miles of elevated guideway and 4.4 miles at grade, no at-grade crossings
- **Stations:** NE 145<sup>th</sup> Street, NE 185<sup>th</sup> Street, Mountlake Terrace Transit Center and Lynnwood Transit Center
- **Parking:** 1,500 added spaces over the 8.5 mile extension
- **Estimated Total Project Cost at conclusion of Preliminary Engineering:** ~\$2.2 billion, includes vehicles and project share of Operations & Maintenance Facility



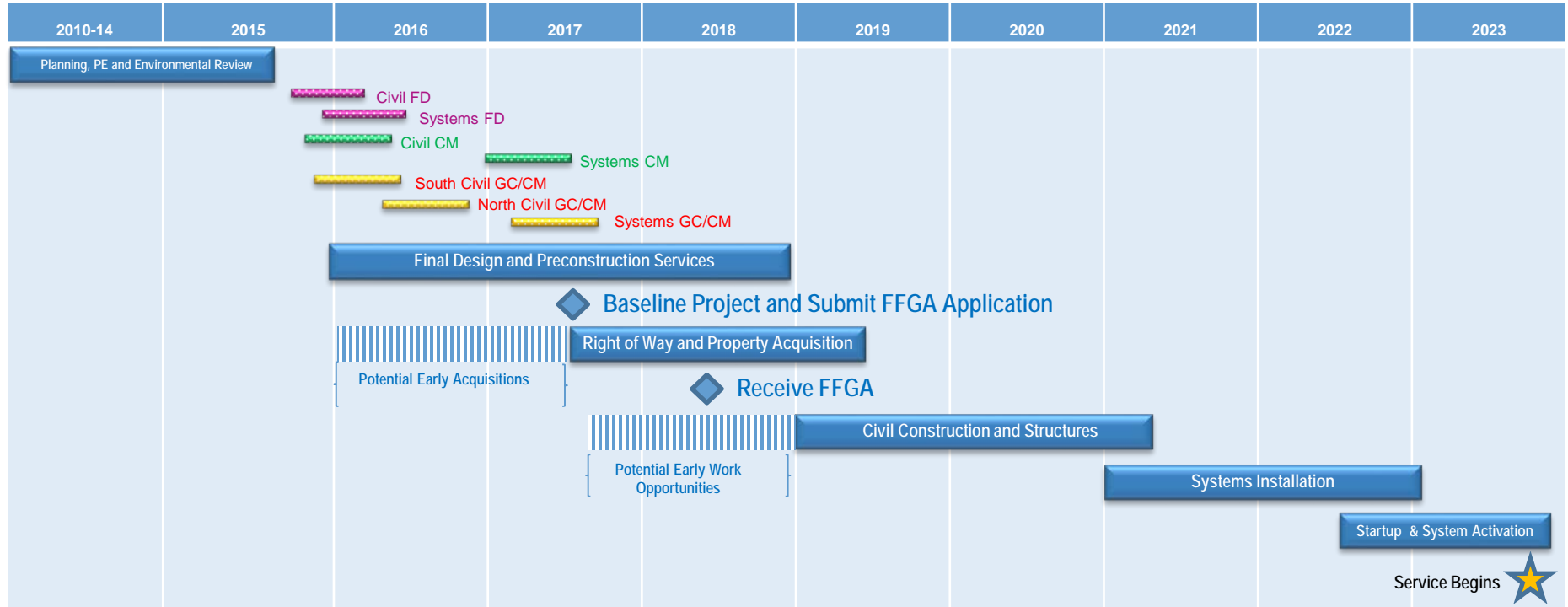
# Project Background

- 2011:** Route and station alternatives identified
- 2013:** Draft EIS published  
Preferred alternative identified by the Board
- 2014:** Environmental review of the preferred alternative
- 2015:** Final EIS published  
ST Board identified final route and stations  
Completed preliminary engineering
- Feb 2016:** Received FTA medium-high project rating and approval to enter Engineering



# Project Schedule

Legend:



Service Begins

# Project Budget

Project Phase	Current Adopted Budget	Commitment to Date	Incurred to Date
Administration	\$88.3	\$9.7	\$9.5
Preliminary Engineering	\$42.0	\$39.9	\$39.0
Final Design	\$111.5	\$70.4	\$2.3
Construction Services	\$104.9	\$12.7	\$0.1
3rd Party Agreements	\$17.4	\$2.0	\$0.7
Construction	\$0.0	\$0.0	\$0.0
Light Rail Vehicles	\$0.0	\$0.0	\$0.0
ROW	\$123.8	\$8.2	\$6.4
<b>Total</b>	<b>\$487.9</b>	<b>\$142.8</b>	<b>\$58.1</b>

As of June 30, 2016

# Project Implementation Goals

1. Open for service by end of 2023, as promised to voters in ST2 Plan
2. Cost not to exceed project budget
3. Maintain FFGA eligibility and maximize federal partnership opportunities and expedited approvals
4. High-quality, safe, environmentally responsible, durable and maintainable project reflecting Total Cost of Ownership
5. Minimize inconvenience to the community and travelling public during construction
6. Maintain & minimize impacts to existing transit operations during construction while maximizing service integration with other transit modes

# Contract Packaging Approach

## DESIGN

- Civil final design consultant
- Systems final design consultant

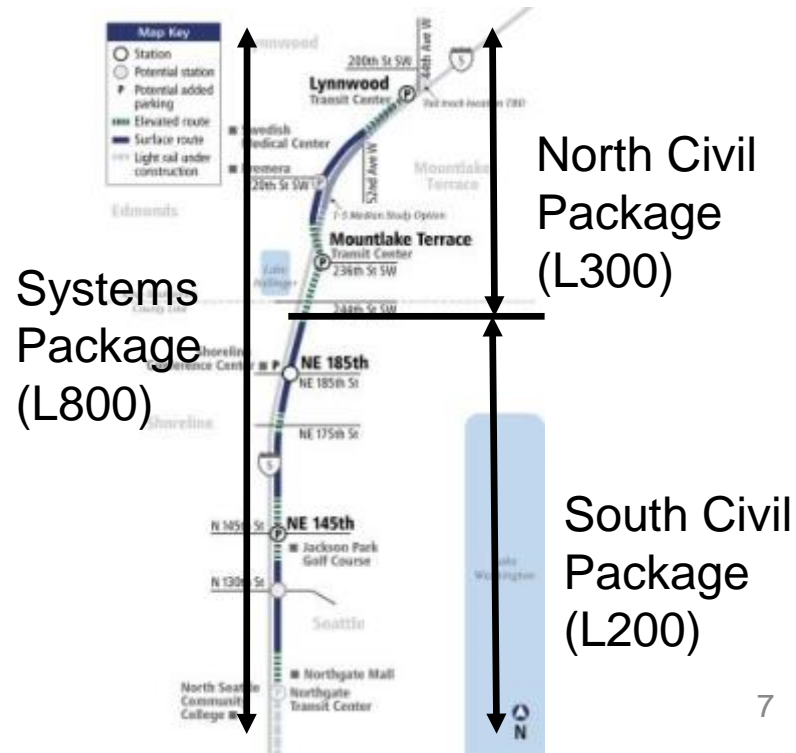
## CONSTRUCTION

- Two civil packages, each including:
  - Guideway
  - Trackwork
  - Stations
  - Parking garages

- One system-wide systems package

## CONSTRUCTION MANAGEMENT

- Civil CM consultant
- Systems CM Consultant



# Contract Procurement Status

## Final Design

- **Civil:** HNTB|Jacobs JV March 2016 ✓
- **Systems:** LTK Engineering June 2016 ✓

## Construction Management

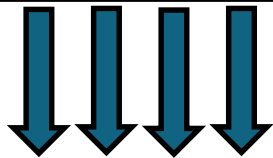
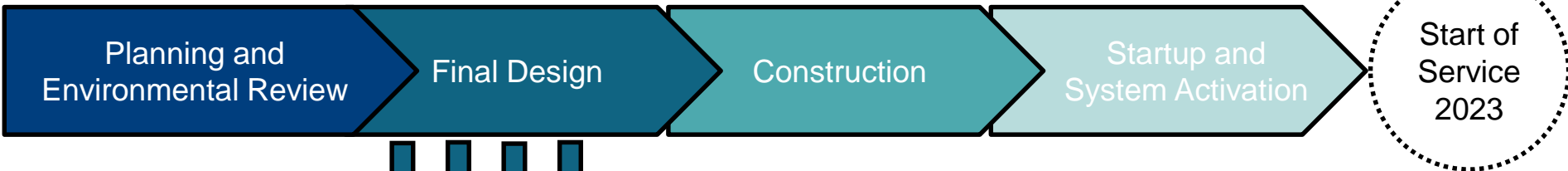
- **Civil:** PGH Wong Engineering April 2016 ✓
- **Systems:** TBD

## Construction (Pre-Construction Services)

- **L200 (S Civil):** Stacy & Witbeck/Kiewit/Hoffman JV May 2016 ✓
- **L300 (N Civil):** Skanska Constructors JV (September 2016)
- **L800 (Systems):** TBD



# Where We Are Now



We are here  
Initial design  
60% design  
90% design



Open Houses

## Station Design Public Meetings

- **Q4 2016** - Shoreline Stations NE 145<sup>th</sup> and NE 185<sup>th</sup>
  - Mountlake Terrace Transit Center
  - Lynnwood Transit Center

# Current Project Activities

- Final Design
  - 30% station design
- Property acquisition for first 38 properties
- Third Party Agreements
- Ongoing project review with FTA/PMOC

# Third Party Agreements

- Cities (Seattle, Shoreline, Mountlake Terrace, Lynnwood)
  - Expedited Permitting agreements
    - Shoreline agreement approved by Capital Committee and City Council
    - Supplement to Seattle MOA – August 2016
    - Mountlake Terrace and Lynnwood agreements under negotiation
  - Other MOAs, Development Agreements to be developed in final design
- WSDOT
  - Final Design Task Order and Project Design Approval executed
  - Airspace Lease, PD Approval, O&M Agreement to be developed in final design
- Other agreements in final design
  - Utility agreements, Transit service agreements

# Lynnwood Link Top Project Risks

- Construction requirements along I-5 not yet finalized
- Additional local access improvements may be required by cities
- Unidentified utility conflicts discovered during design/construction
- Inflation exceeding estimated rates

# Lynnwood Link Next Steps

- Award L300 (Civil North) GC/CM Contract Sep 2016
- 30% Station design public meetings Q4 2016
- Award L800 (Systems) GC/CM Contract Q2 2017
- Award Systems CM Contract Q2 2017
- Complete 60% design and **Baseline Project** Q3 2017
- Complete 100% design & ROW acquisition,  
**execute FFGA with FTA**, and begin construction 2018
- Begin revenue service 2023



Questions?