

# WELCOME

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

### The purpose of tonight's meeting is to:

- Educate the Overlake community about why Sound Transit is applying for a Master Planned Development Permit to build East Link within the City of Redmond
- Provide an additional opportunity for the community to view and provide comments on design plans for the Overlake segment before a contractor is selected
- Share information about what to expect during the design-build process and how to stay informed



### Agenda

#### 5-7 p.m. Open house

- Meet with project staff and view display boards and graphics featuring design plans for the Overlake segment

#### 7 p.m. Meeting adjourns

# OUR COMMITMENTS TO YOU

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

### We want to hear from you tonight!

This is your opportunity to provide feedback on station design, including amenities such as bicycle facilities, pedestrian and bus connections and learn about *S*Tart. During the design-build process, Sound Transit will:

- Ask for public input before hiring a design-build contractor
- Consider and address public input whenever it is technically and financially feasible
- Report back to the public about how input was considered
- Ensure that residents, property owners and businesses are notified before work in the field is conducted
- Ensure that regular construction updates are provided

### How to stay involved:

- Check the project website: [soundtransit.org/eastlink](http://soundtransit.org/eastlink) for frequent updates
- Subscribe to the East Link listserv for the latest information: [soundtransit.org/subscribe](http://soundtransit.org/subscribe)
- Contact Community Outreach staff at [eastlink@soundtransit.org](mailto:eastlink@soundtransit.org) or 206-398-LINK
- For construction information, call the 24-hour hotline 888-298-2395



### What we've heard:

- Interest in natural design features and green space, particularly at Overlake Village Station
- Incorporate technology into design of Overlake Transit Center Station
- Interest in parking facilities and kiss-and-ride
- Interest in transit service and connections to light rail stations
- Support for bicycle and pedestrian access and amenities
- Ensure stations are safe and accessible to all riders
- Interest in pedestrian bridge design, access to stations, and weather protection

April 2014

# PERMIT OVERVIEW

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

The East Link Project is a permitted use within the City of Redmond, and is consistent with the City's Overlake neighborhood plan and vision.

Sound Transit is currently applying for a Master Planned Development (MPD) permit to facilitate using Design-Build as the construction delivery method.

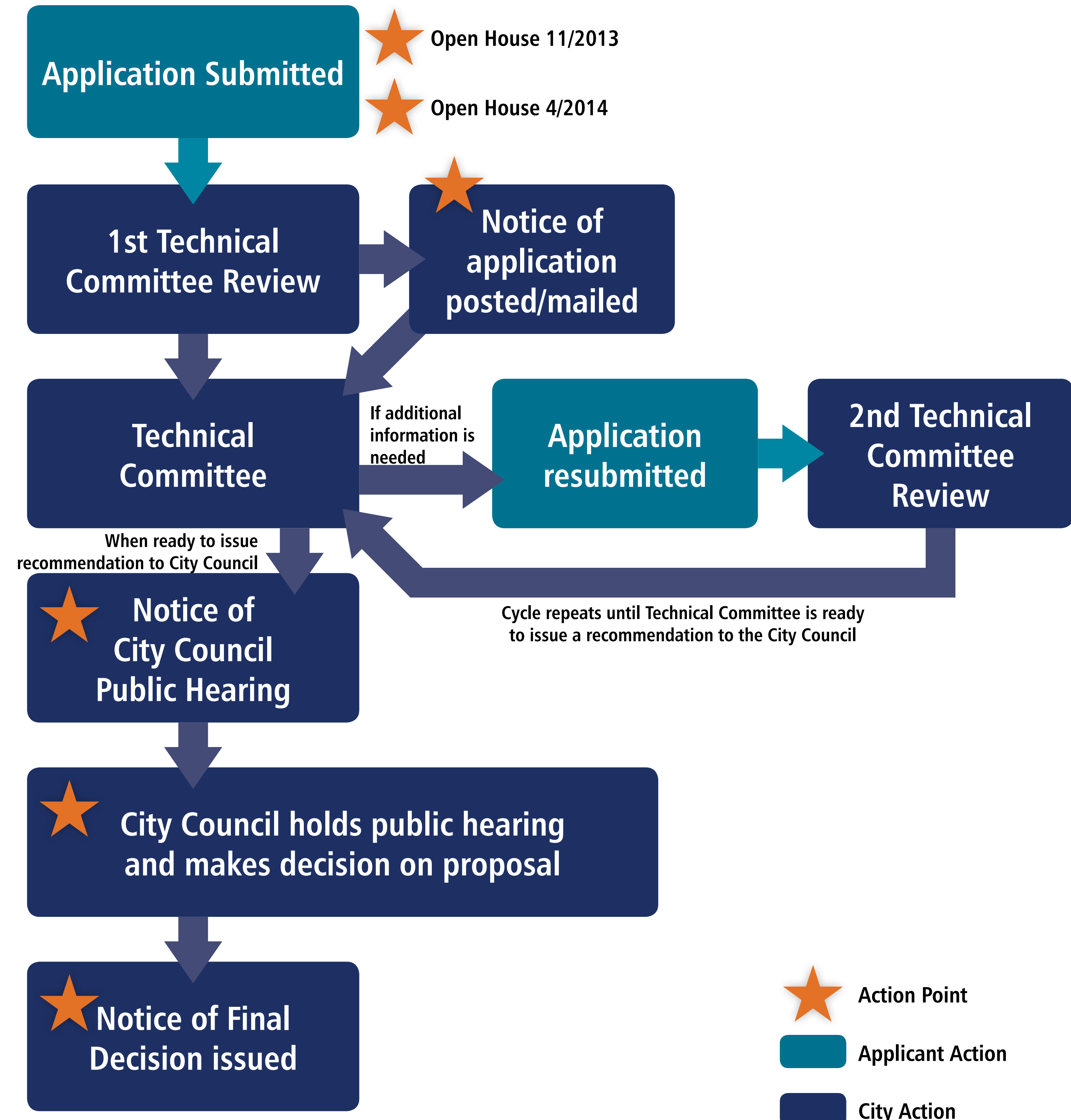
The Sound Transit MPD application would allow certain phases of early construction to begin prior to the design builder finishing station designs and receiving design and construction approval.

Through the MPD permit, Sound Transit is seeking approval for early construction on items such as:

- An infiltration vault
- Frontage improvements
- Utilities
- Walls
- Site preparations including clearing and grading
- Bridge shafts
- Station base structures and garage foundations



★ The Design-Builder is expected to update station and bridge designs, and share them with the public in 2015, prior to the construction of the approved project.



# OVERLAKE SEGMENT: DESIGN-BUILD

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

Design-Build is a method of project delivery where the Design-Build team (contractor and designer) works with the owner (Sound Transit) under a single contract to design and construct the project.

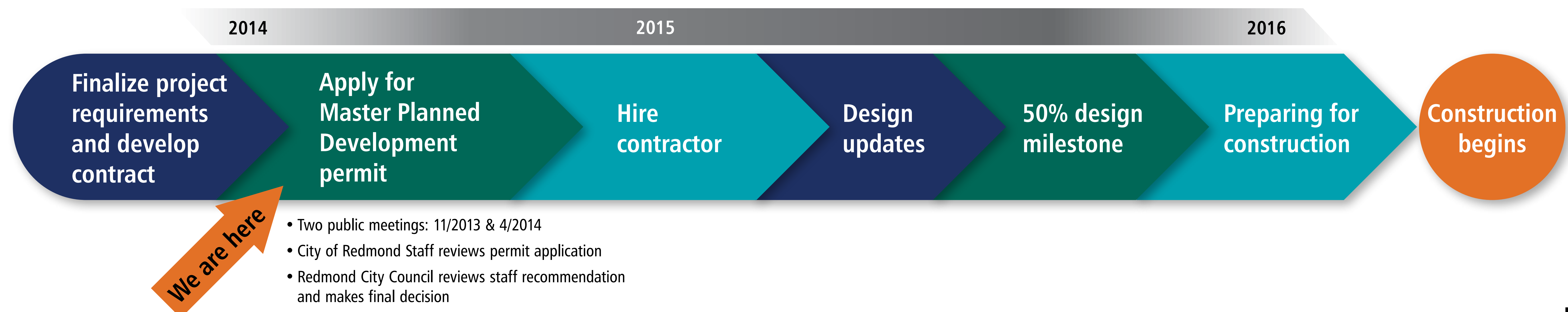


### Sound Transit's role in design-build

- Sound Transit sets project requirements
- Sound Transit provides oversight:
  - Ensure design meets the contract requirements/mandatory standards established for the project

### Why Design-Build?

- **Best value selection** – the Design-Build team is selected on proposed approach, design, and price. This method encourages design enhancements as well as competitive pricing
- **Single point of responsibility** – Sound Transit will contract with one entity, the Design-Build team, which includes both the designer and contractor
- **Design enhancement** – the Design-Build team can customize the design to accommodate the contractor's work plan. This results in efficiencies in both cost and time
- **Reduced risk** – the design is part of the design-build contract, reducing Sound Transit's risk



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# LIGHT RAIL ALIGNMENT

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT



Length: 14 miles

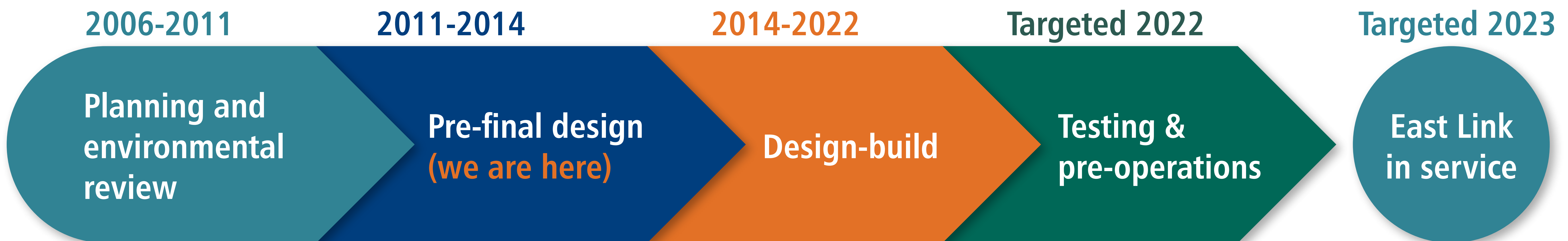
Ride times:

- Mercer Island to University of Washington: 20 minutes
- South Bellevue to Sea-Tac Airport: 50 minutes
- Overlake Transit Center to Bellevue Transit Center: 10 minutes

Rider projection: About 50,000 riders will use East Link every day by 2030

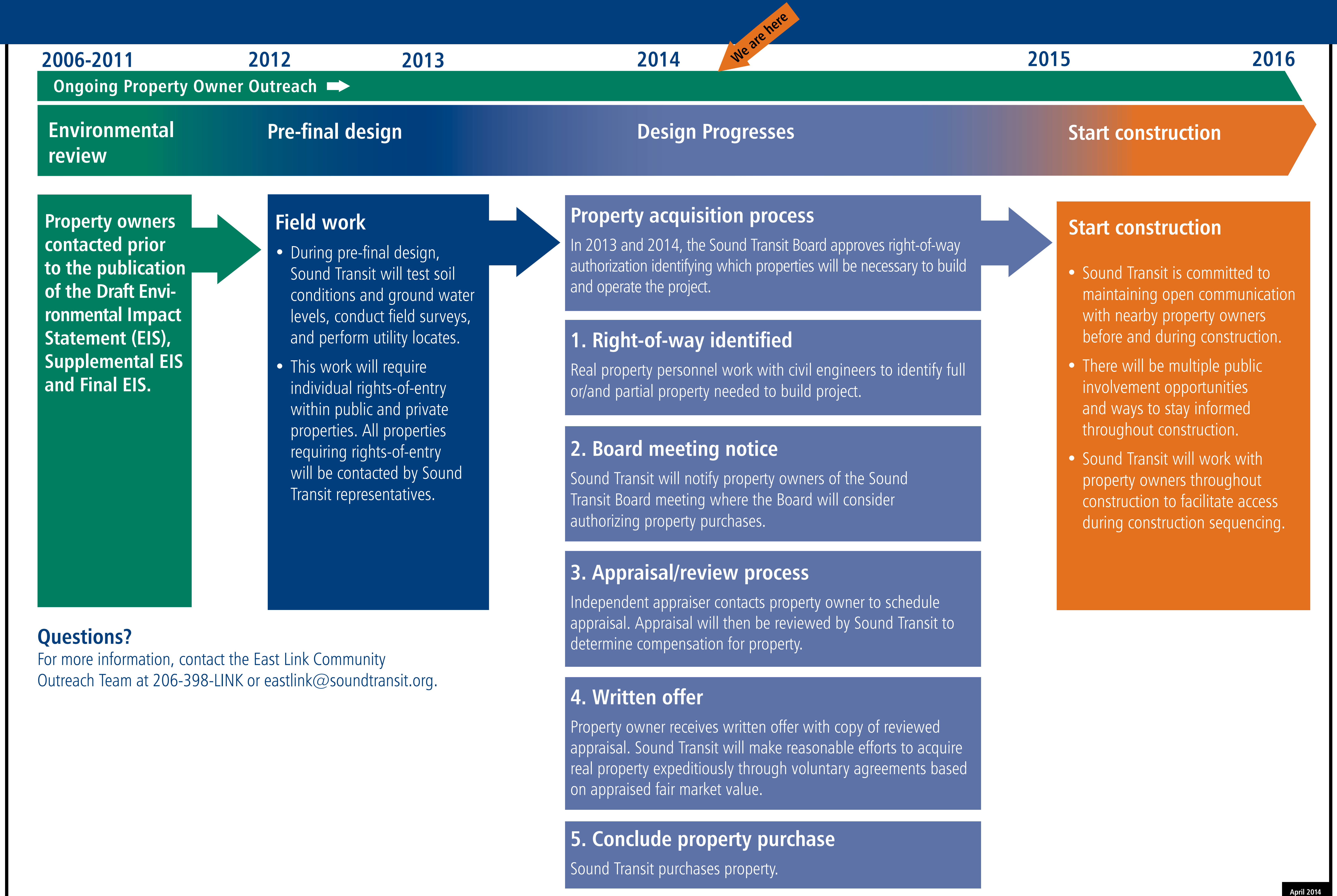
Budget: \$2.8 billion (2010 \$)

Start of service: Targeted 2023



# HOW WILL SOUND TRANSIT WORK WITH PROPERTY OWNERS?

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT



# OVERLAKE SEGMENT OVERVIEW

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT



### Benefits:

- Provides access to high quality, frequent transit service that operates 20 hours per day
- Supports the City of Redmond's 152nd Corridor Study and Overlake Village Neighborhood Plan
- Accommodates future growth and planned transportation improvements
- Light rail will serve two stations and provide increased park-and-ride capacity at the Overlake Transit Center
- Pedestrian Bicycle bridges at both stations span SR 520 to connect light rail stations to the surrounding community

### Travel times (from Overlake Transit Center Station)

- International District/Chinatown = 30 minutes
- University of Washington = 40 minutes
- Bellevue Transit Center = 10 minutes
- Sea-Tac Airport = 65 minutes (with transfer at International District Station)

# LOOKING AHEAD TO CONSTRUCTION

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

Sound Transit is committed to being a good neighbor by minimizing the impacts of our construction. During construction of East Link, Sound Transit will:

- Provide advanced notification of work and maintain a 24-hour construction hotline
- Maintain property access and minimize traffic disruptions
- Maintain a clean and safe work site
- Minimize noise, dust and debris
- Provide wayfinding and signage
- Reduce visual impacts
- Promote business districts



Start  
construction  
(targeted  
2015)

For construction information, call  
the 24-hour hotline 888-298-2395.

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# ANCILLARY STRUCTURES

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

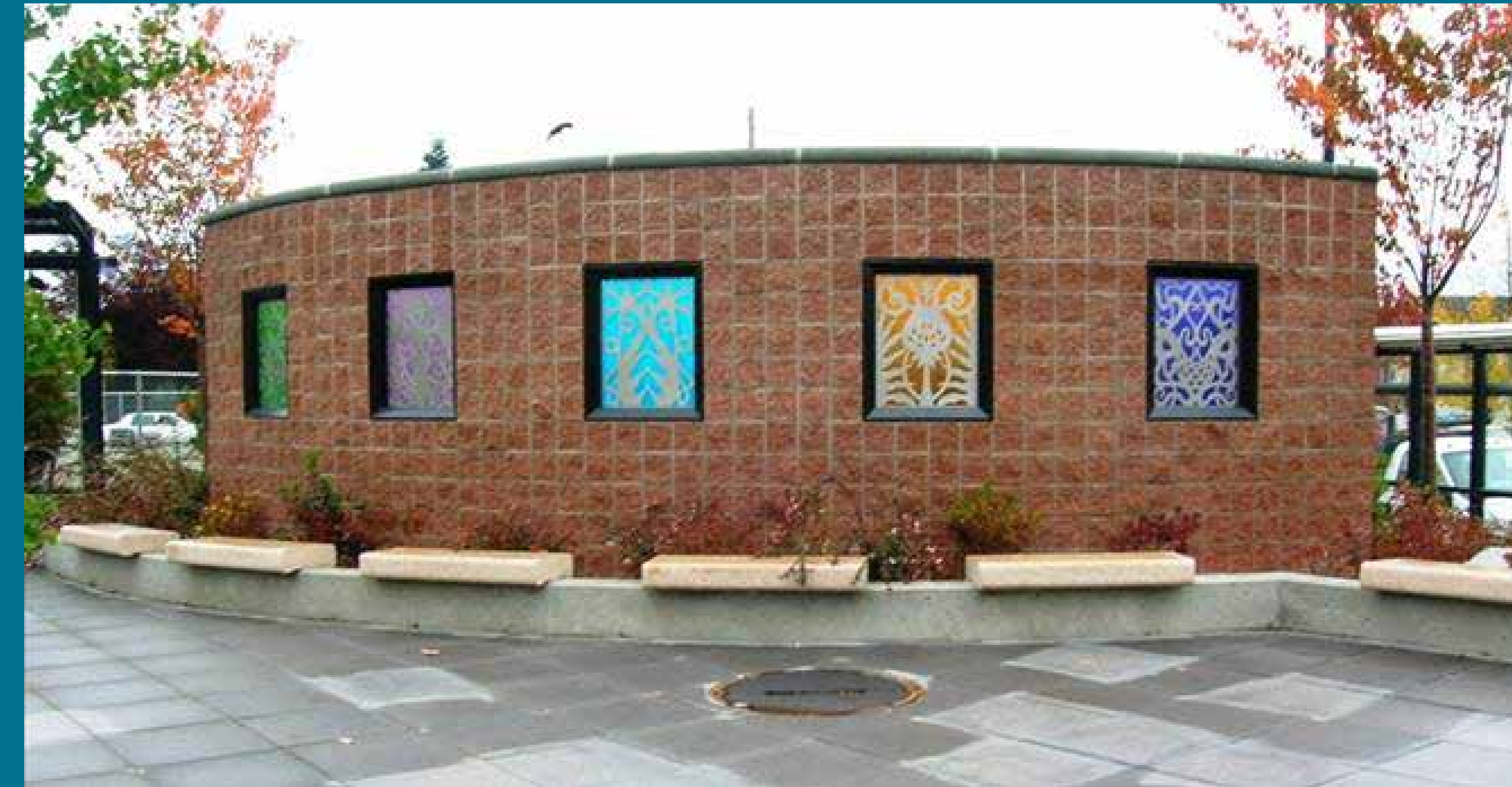
The safe and efficient operation of a light rail system relies upon a number of components in addition to the track, guideway and stations.

These essential system elements house the equipment needed to supply power to the vehicles and ensure that warning signals and communications equipment function properly.

**Traction Power Substation (TPSS)** are located along the alignment and serve to convert electric power needed to operate the light rail

**Overhead Contact System (OCS)** distribute power supplied from the TPSS to the light rail vehicles

**Signal buildings** house equipment used to control safety and operational signals



*Examples of how architectural treatments and artwork may be used help screen ancillary structures*

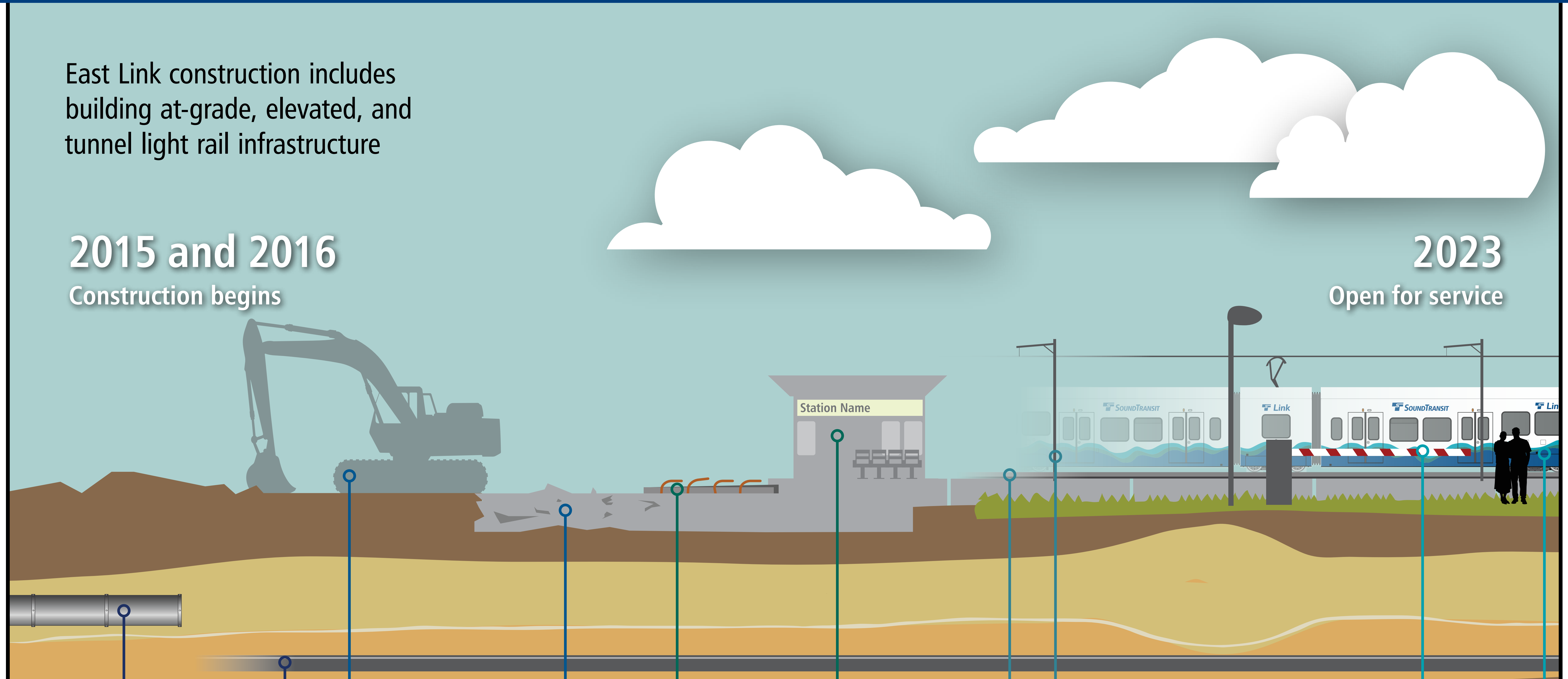
# TYPICAL LIGHT RAIL CONSTRUCTION SEQUENCE

## EAST LINK OVERLAKE MASTER PLANNED DEVELOPMENT

East Link construction includes building at-grade, elevated, and tunnel light rail infrastructure

2015 and 2016  
Construction begins

2023  
Open for service



### Relocate utilities

Utility relocation work includes replacing aging utilities in the project area and relocating utilities so they can be accessed for maintenance and repair.

### Prepare the work zone

Crews must clear buildings and soil and prepare the work zone for East Link construction crews. This includes erecting barriers and fencing to keep the work zone safe.

### Build station and supporting infrastructure

Next, Sound Transit lays the foundations necessary to run light rail track and builds stations and supporting infrastructure.

### Install track and power

Sound Transit installs track and wire while placing poles and ancillary structures that power the system and operate the signals.

### Install and test systems

Before light rail opens to passengers, Sound Transit completes a safety certification process testing communications, safety and emergency systems, as well as signals and crossing gates.

