

# *King Street Station Platform Area Improvements*

*System Expansion Committee*

*9/8/22*



# *Why we are here*

- Provide an update on the Sounder South Capacity Expansion Program (SSCE) – King Street Station Platform Area Improvements Project
- Review potential options proposed for environmental review and conceptual engineering design
- Authorize the chief executive officer to execute a contract modification with David Evans and Associates Inc. (Motion No. M2022-76).

# King Street Station Platform Area Improvements

## Background

- Improve passenger access to/ from the King Street Station platform area
- Address overcrowding on the stairs and elevators
- Alternatives Analysis: Q1 2021 – Q3 2022
- Target Completion Date: 2036



# King Street Station Current Conditions

Limited sidewalk and one staircase at north entrance

Bottleneck at existing crossing and south entrance at Weller

High general public movements during events

Station Platform crowded during peaking travel times



# Summary of Alternatives Screening

- Evaluated 10 options to improve passenger flow and connections to the surrounding area and are advancing 3 for further study and environmental review
- Common elements in the 3 options include:
  - Extended platforms to the south to accommodate longer trains
  - Up to 5 additional staircases and 2 elevators to improve vertical circulation
  - Creation of a concourse level, above the platform at the same elevation as 4th Ave S & the Weller St Bridge
- Additional options include connections via 2nd Ave S and 4th Ave S including a pedestrian bridge over 4th Ave S



# New concourse & connection to King St. Plaza

New stairways & elevators

Extend Platform and add mini-high

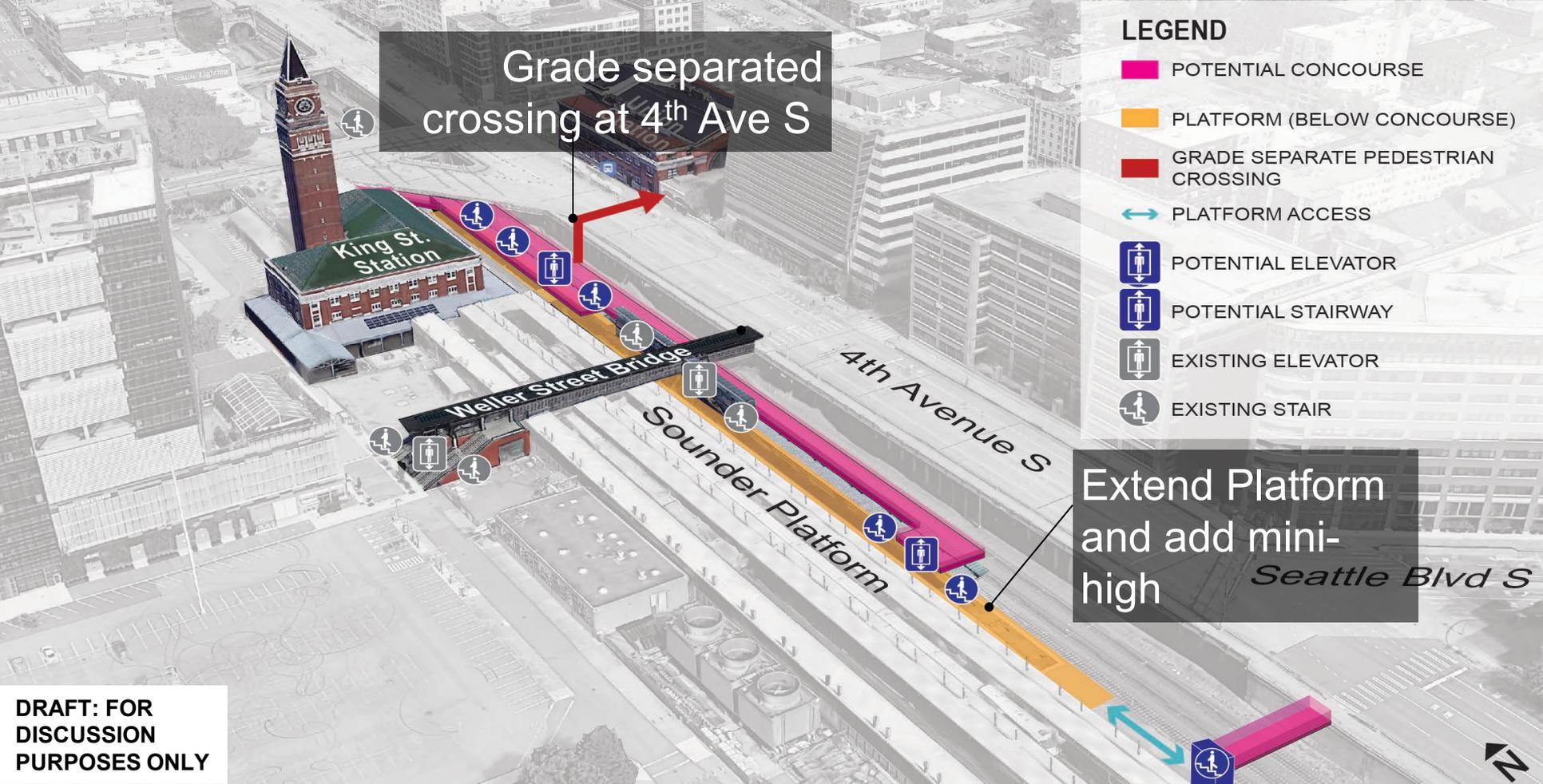
Seattle Blvd S  
New entrance & crossing

## LEGEND

- POTENTIAL CONCOURSE
- PLATFORM (BELOW CONCOURSE)
- PLATFORM ACCESS
- POTENTIAL ELEVATOR
- POTENTIAL STAIRWAY
- EXISTING ELEVATOR
- EXISTING STAIR

Cross section view





Grade separated crossing at 4th Ave S

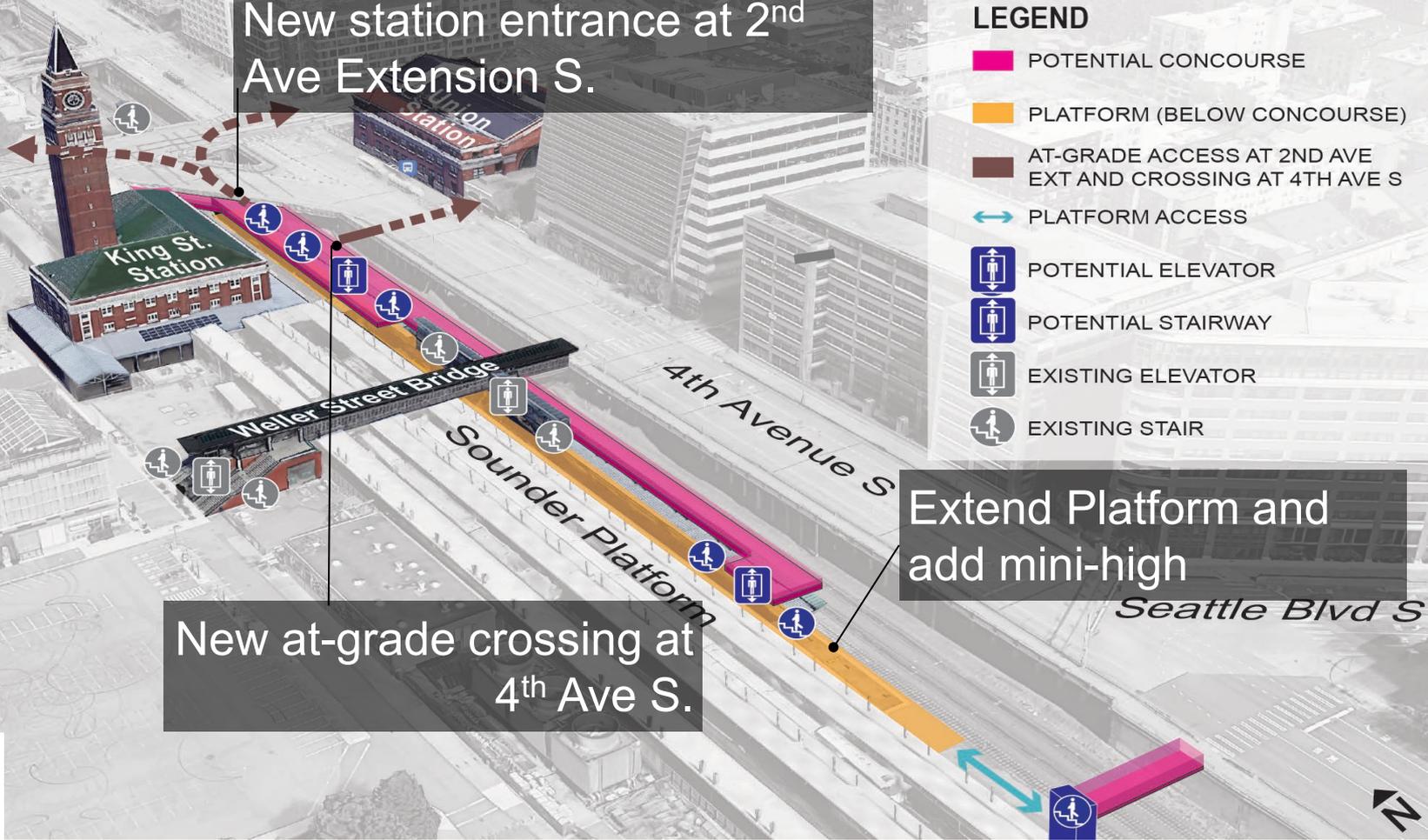
- LEGEND**
- POTENTIAL CONCOURSE
  - PLATFORM (BELOW CONCOURSE)
  - GRADE SEPARATE PEDESTRIAN CROSSING
  - PLATFORM ACCESS
  - ↑  
↓ POTENTIAL ELEVATOR
  - ↑  
↓ POTENTIAL STAIRWAY
  - ↑  
↓ EXISTING ELEVATOR
  - ↑  
↓ EXISTING STAIR

Extend Platform and add mini-high

DRAFT: FOR DISCUSSION PURPOSES ONLY

# New station entrance at 2<sup>nd</sup> Ave Extension S.

- ### LEGEND
- POTENTIAL CONCOURSE
  - PLATFORM (BELOW CONCOURSE)
  - AT-GRADE ACCESS AT 2ND AVE EXT AND CROSSING AT 4TH AVE S
  - PLATFORM ACCESS
  - POTENTIAL ELEVATOR
  - POTENTIAL STAIRWAY
  - EXISTING ELEVATOR
  - EXISTING STAIR

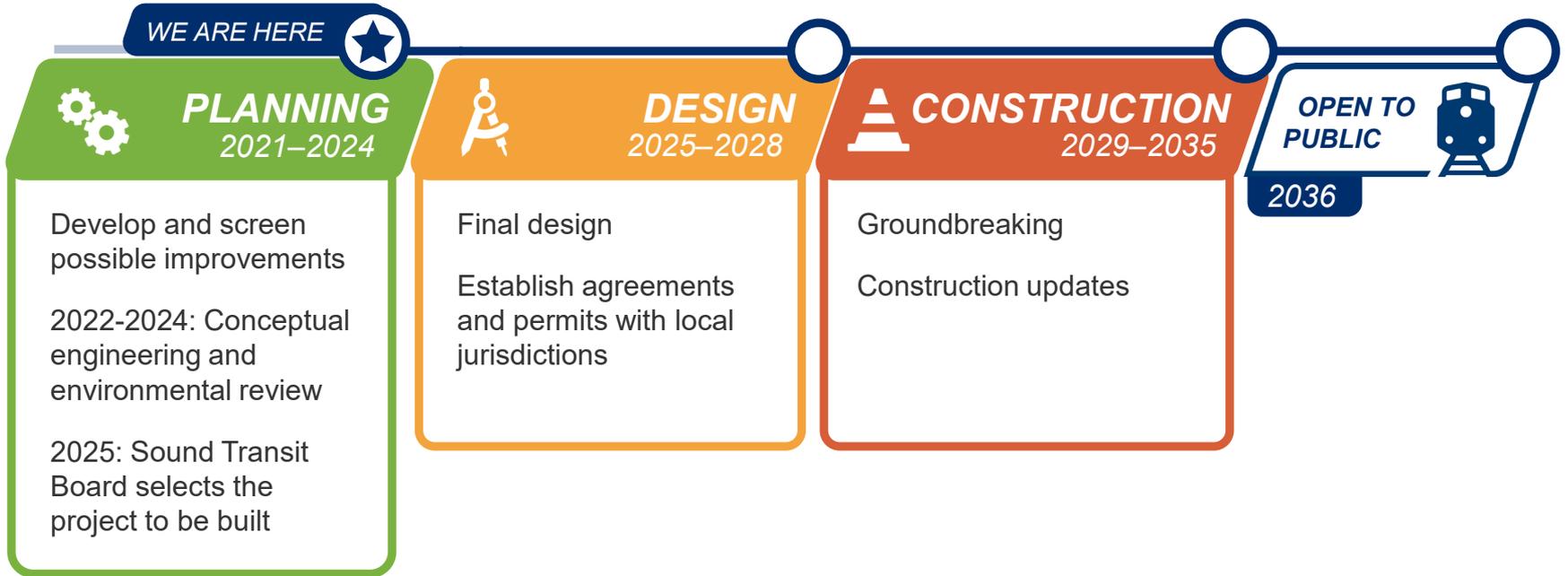


New at-grade crossing at 4<sup>th</sup> Ave S.

Extend Platform and add mini-high

DRAFT: FOR DISCUSSION PURPOSES ONLY

# Project timeline



# *Financial plan cost and schedule*

- Sounder South Expansion Program, which includes King Street Station (KSS) Platform Area Improvements, current financial plan is \$1,241 million in 2022\$.
- The overall Sounder South Expansion Program is being managed within the Agency's Financial Plan with a completion date of 2046, while the KSS project is estimated to cost approximately \$60 million with completion in 2036.
- This action is consistent with the schedule and financial plan adopted by the Board in Resolution No. R2021-05, and does not impact the affordability of any other system expansion project

# *Today's Action*

## *Approve Motion No. M2022-76:*

- Authorize the chief executive officer to execute contract modification with David Evans and Associates Inc.
- To conduct Conceptual Engineering and Environmental and Project Coordination Support for the King Street Station Platform Area Improvements Project
- In the amount of \$3,136,067 which includes a 10 percent contingency, for a new total authorized contract amount not to exceed \$12,525,192

# *David Evans & Associates contract amendment*

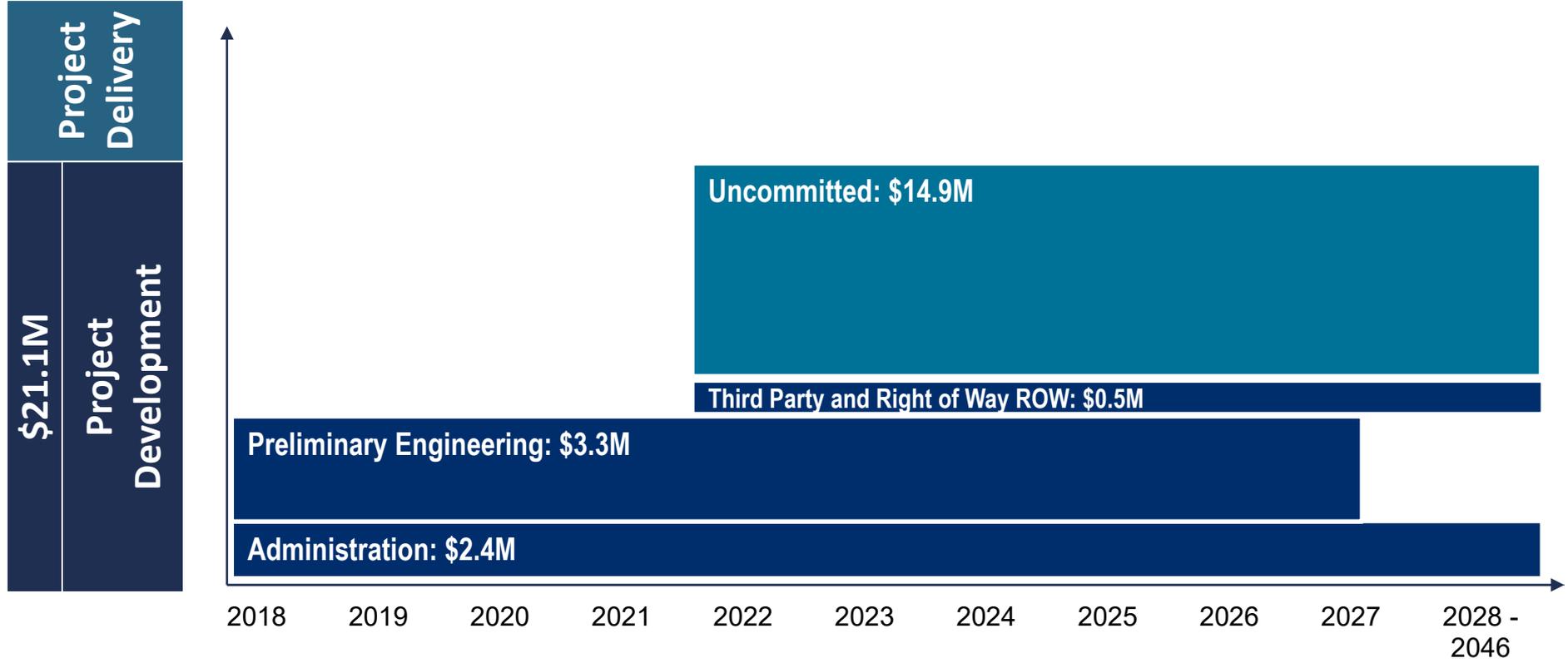
## **Conceptual Engineering & Environmental**

- Environmental Review
- Stakeholder Involvement
- Conceptual Engineering and Design
- Project Coordination Support

Illustrative - Not to Scale

# Sounder S Capacity Expn: Authorized Project Allocation \$21.1M

ALLOCATION \$ COMMITMENTS

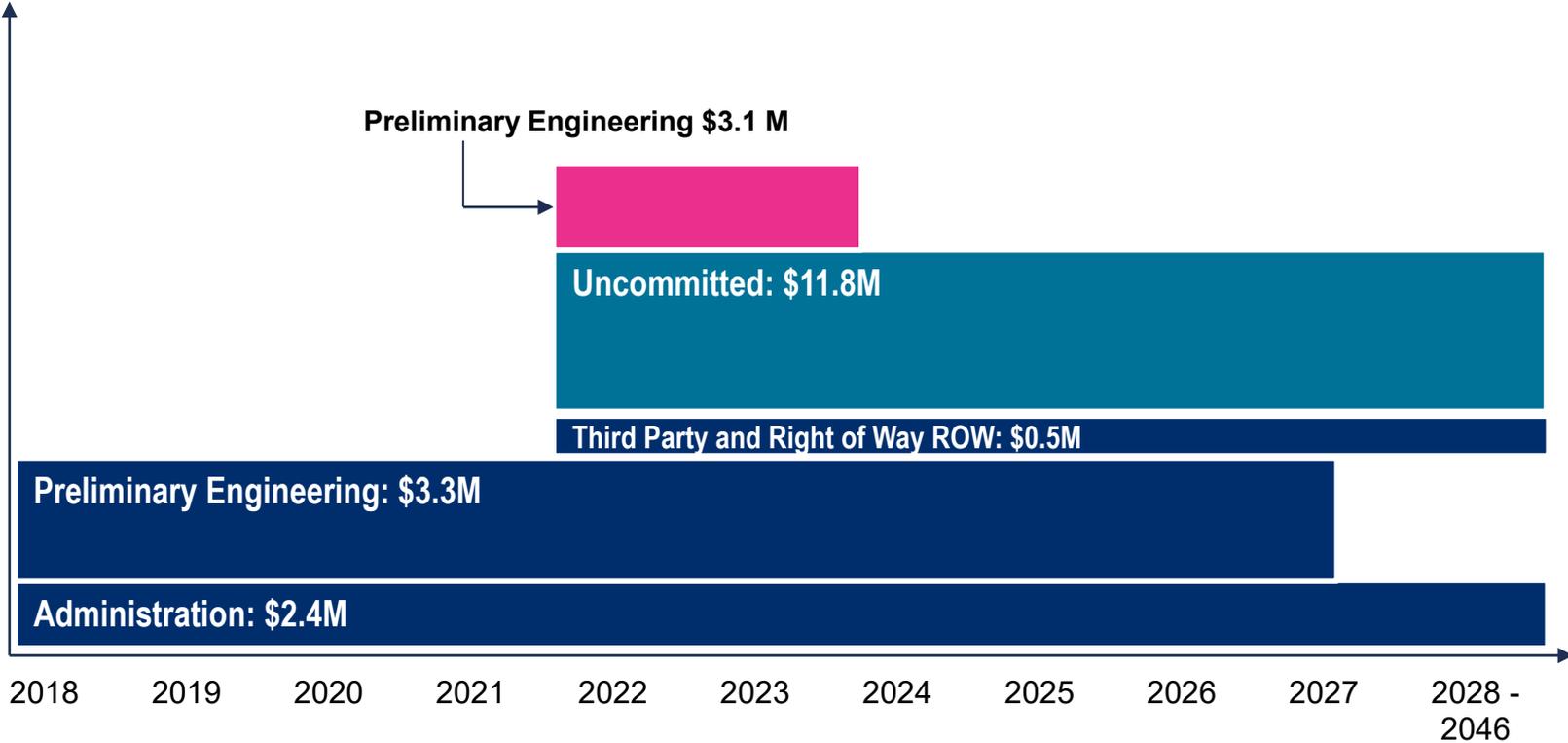


# Sounder S Capacity Expn: Board approves \$2.8M plus 10% contingency David Evans contract modification

*Illustrative - Not to Scale*

ALLOCATION \$

COMMITMENTS



*Thank you.*



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