

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



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

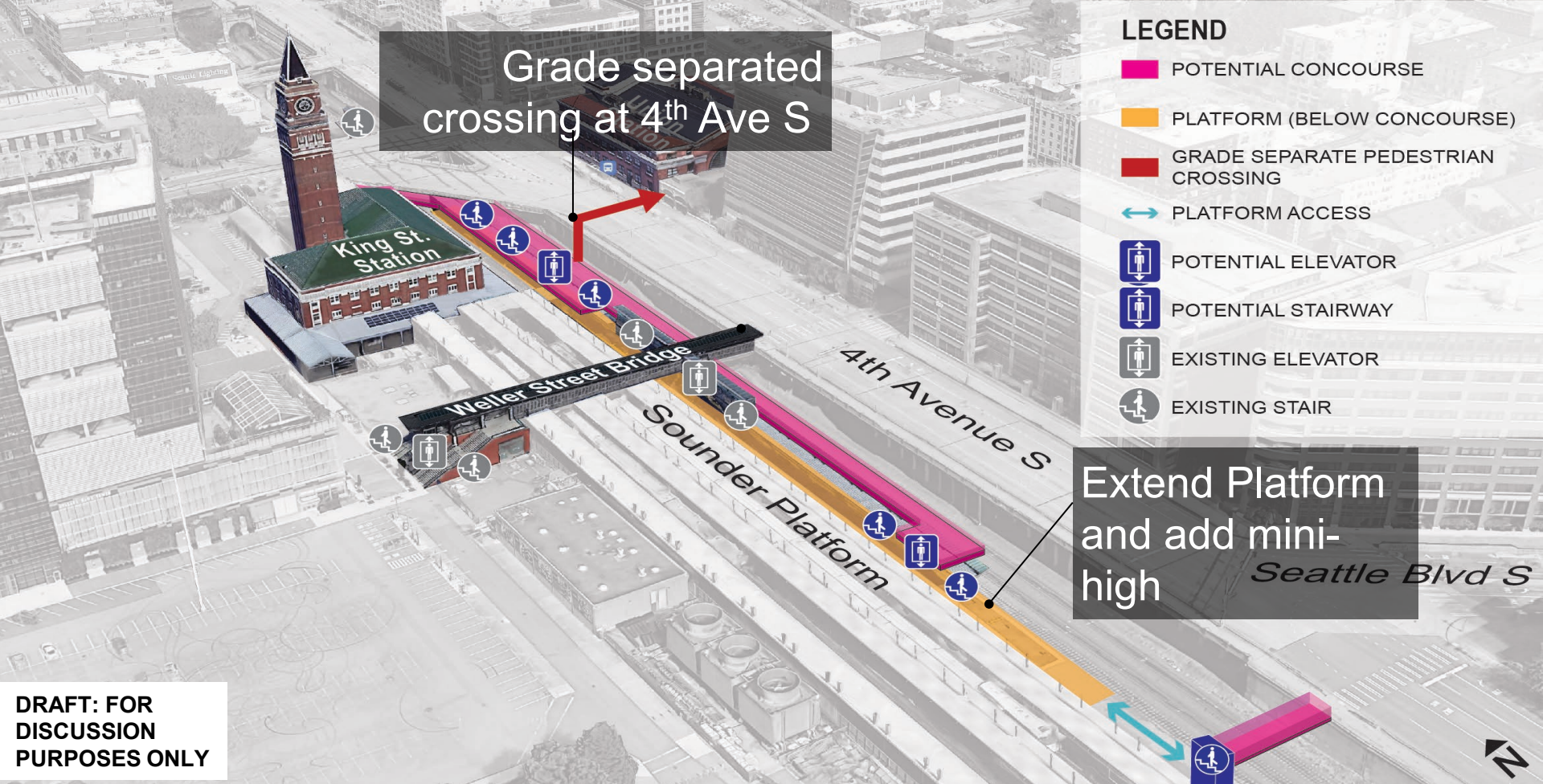
Seattle Blvd S
New entrance
& crossing

LEGEND

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

Cross section view





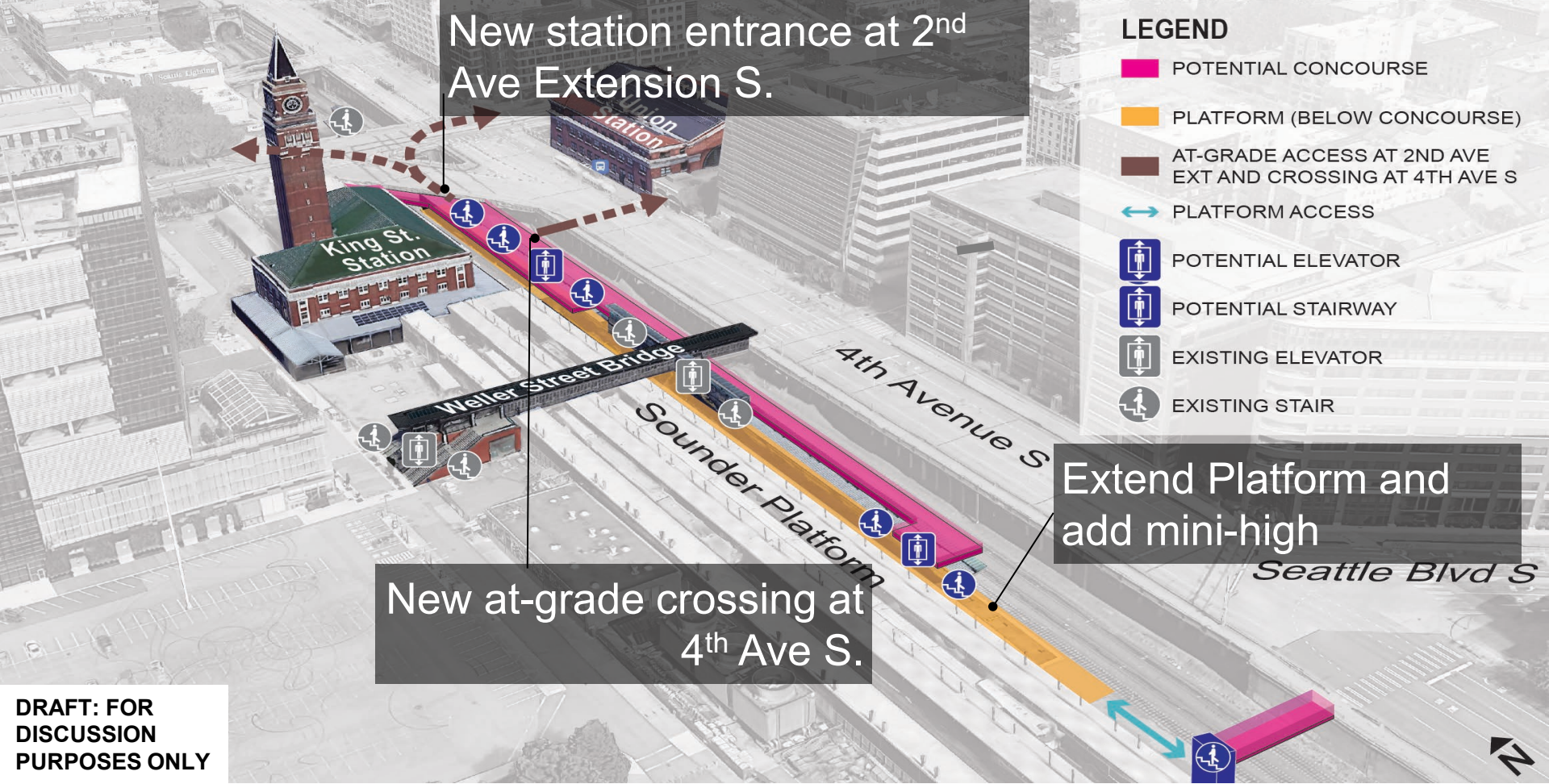
Grade separated
crossing at 4th Ave S

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 2nd Ave Extension S.

LEGEND

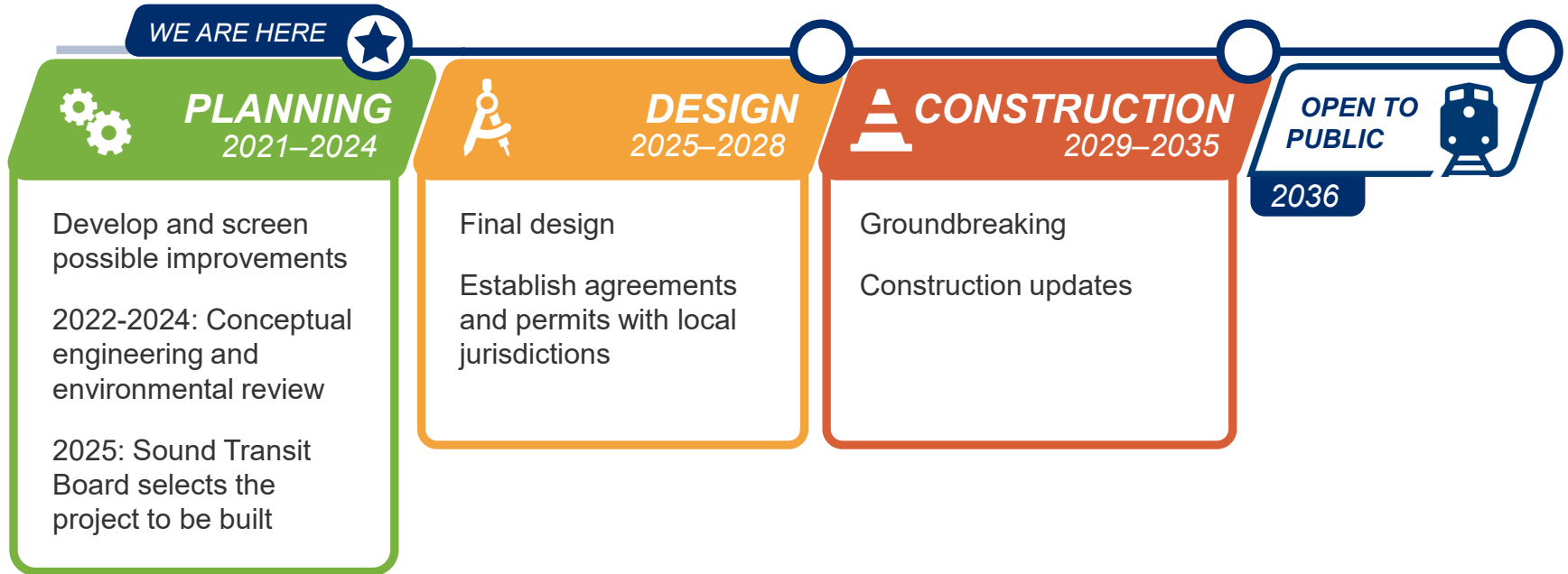
- POTENTIAL CONCOURSE
- PLATFORM (BELOW CONCOURSE)
- AT-GRADE ACCESS AT 2ND AVE EXT AND CROSSING AT 4TH AVE S
- PLATFORM ACCESS
- POTENTIAL ELEVATOR
- POTENTIAL STAIRWAY
- EXISTING ELEVATOR
- EXISTING STAIR

New at-grade crossing at 4th 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

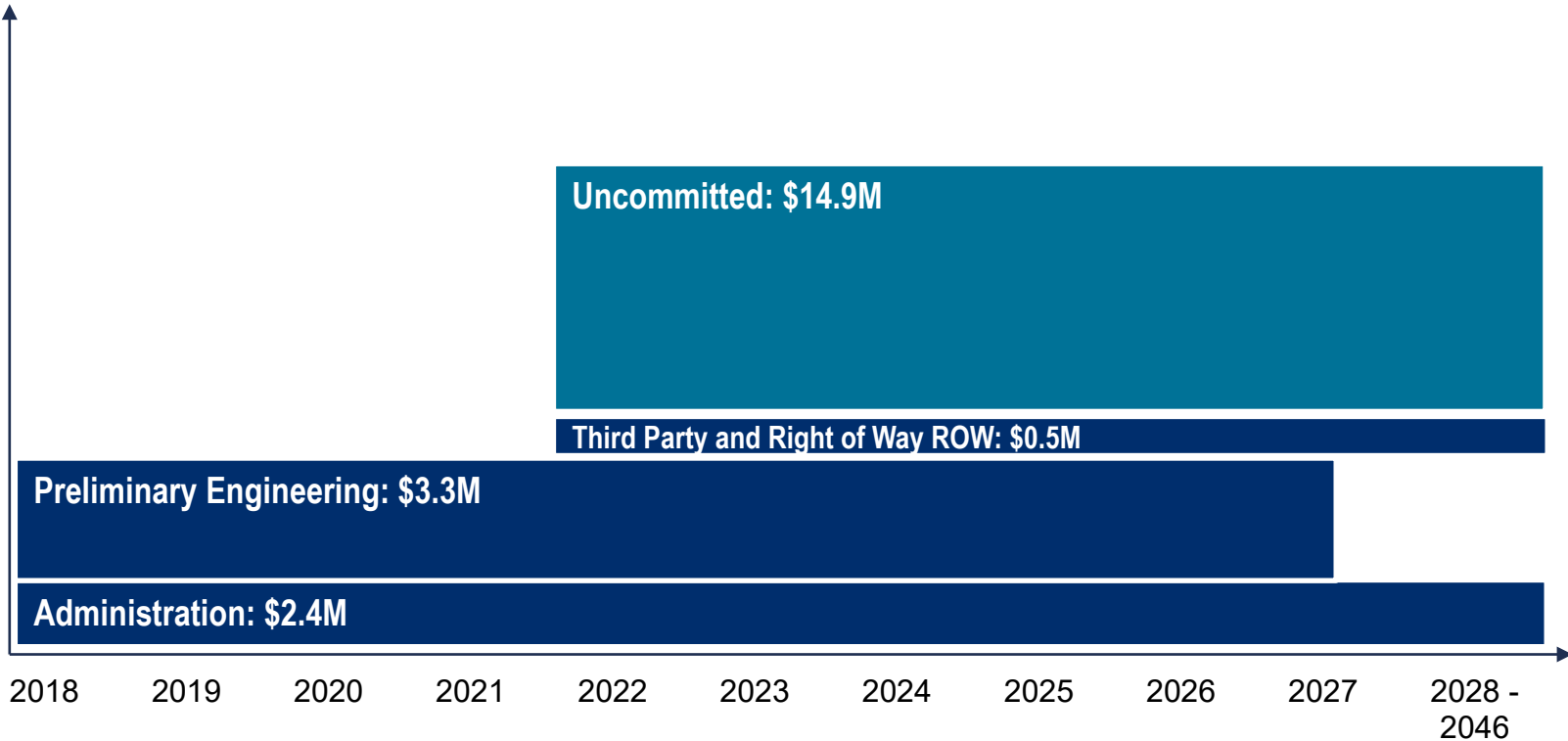
- Environmental Review
- Stakeholder Involvement
- Conceptual Engineering and Design
- Project Coordination Support

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

ALLOCATION

\$

COMMITMENTS

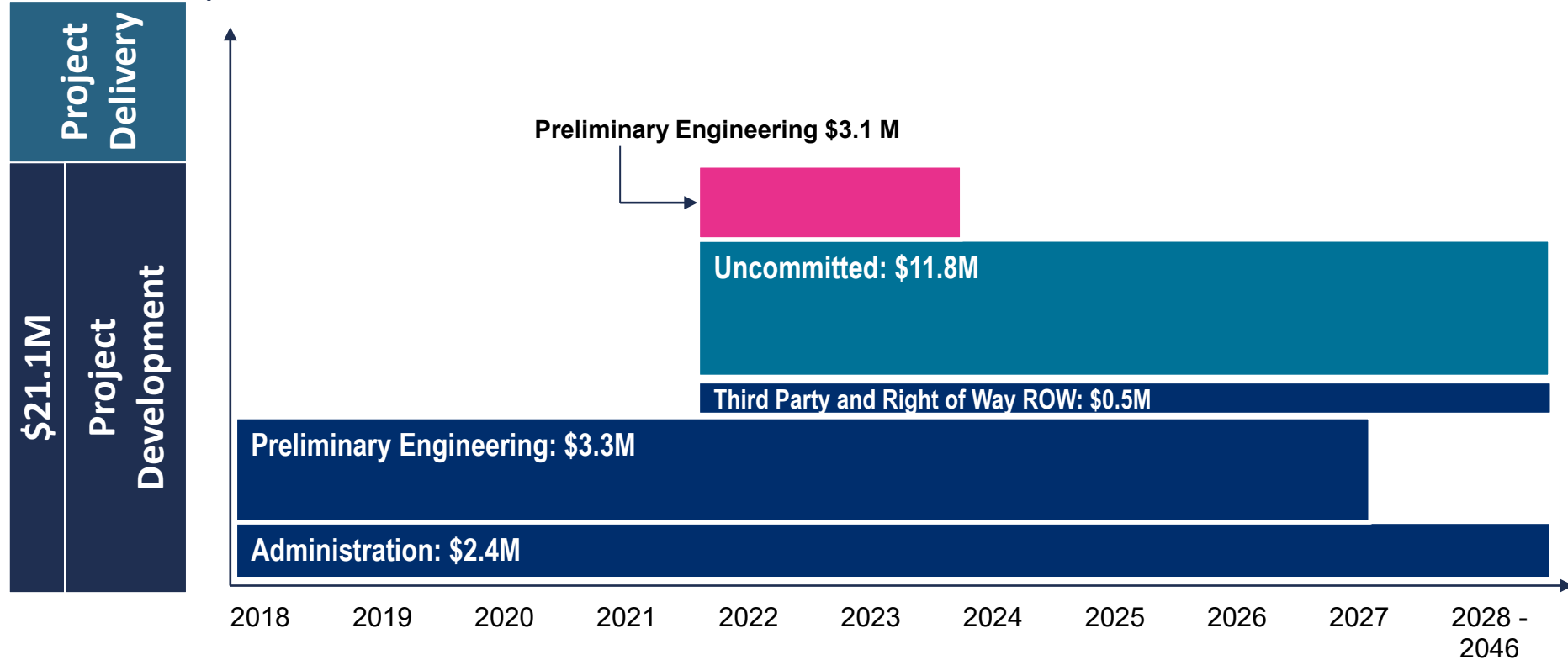


Sounder S Capacity Expn: Board approves \$2.8M plus 10% contingency David Evans contract modification

Illustrative - Not to Scale

ALLOCATION \$

COMMITMENTS



Thank you.



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