

MEMORANDUM

FROM: Camille Tsao, Link21 Program Lead, Capitol Corridor and Andrew Tang, Link21 Manager of Program Evaluation

TO: Equity Advisory Council (EAC)

CC: Link21 EAC Team (Staff and Consultants)

DATE: 06/09/2023

SUBJECT: AGENDA ITEM G: CONCEPT DEVELOPMENT, SERVICE CONSIDERATIONS, AND INITIAL EVALUATION RESULTS

At the June 20, 2023, Equity Advisory Council (EAC) meeting, there will be a presentation related to concept development work, including service considerations and initial evaluation results. This memo provides background on the topic and the attachment outlines the some of the high-level evaluation findings regarding the current concepts being explored.

BACKGROUND

Reminder: Definitions

- Business Case: A way to identify and evaluate the benefits, costs, and risks of the Link21 Program
- Co-Creation: A type of equitable engagement in which the Link21 Team partners with community-based organizations to host collaborative and interactive workshops where individuals from communities that have been marginalized help define important parts of Link21 work. Co-creation was key to defining work such as Link21's goals, objectives, equity metrics, priority populations definition, and community mobility needs.
- Metric: A way to measure something. In the Business Case, metrics help provide an understanding of how well concepts accomplish Link21's goals and objectives.
 - Equity Metrics: Metrics that show the benefit specifically to priority populations, in addition to the benefit to the whole population. These metrics were determined through co-creation, as communities that have been marginalized identified what outcomes were the most important to them. The initial evaluation includes five equity metrics (below). More outcomes emphasized by communities will be added as equity metrics in the next evaluation as Link21's tools advance.
 - › Average perceived travel time savings; number of daily new rail trips; number of people within 0.5 miles of a new rail station; number of jobs reachable

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within what feels like a 60-,90-, and 120-minute trip; and number of important regional community resources reachable within what feels like a 60-,90-, and 120-minute trip.

- Equity Indicator: Way to measure different aspects of equity. Indicators are used to measure how equitable the results of equity metrics are. Two key equity indicators are the total amount of benefits for priority populations and the share (percent) of benefits for priority populations.
 - › Total amount of benefits example: 3,500 new rail trips are taken by priority populations.
 - › Share of benefits example: 38.5% of all new rail trips are taken by priority populations. Two reference points that can be helpful when looking at the share of benefits are:
 - 32.4%: the percent of the Megaregion's population that lives in priority populations.
 - 40%: the goal for the percentage of "overall benefits of certain Federal investments [that will] flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution" under the Biden-Harris Administration's Justice40 Initiative.
- Link21 & Northern California Megaregion: Link21 refers to the 21-county area covering the Northern California Megaregion that includes the San Francisco Bay Area, Sacramento Area, Northern San Joaquin Valley, and Monterey Bay Area.
- Priority populations: The census tracts where residents experience the most economic, mobility, community, and health & safety burdens. Communities were important partners in creating the priority populations definition. Through co-creation workshops and a poll of low-income individuals and people of color, over 1,800 people helped shape what burdens were included in the priority populations definition. Almost one-third (32.4%) of the Megaregion's population lives in priority populations.
- Technology: Type of train that will use the crossing

Relevant Prior EAC Meeting Agenda Items

Topics related to the Business Case and concept development were previously brought to the EAC in the following meetings:

MEETING AND AGENDA ITEM	KEY CONTENT AND DISCUSSION
February 14th, 2023 Agenda Item C: <i>Link21 Overview (Page 25)</i>	<ul style="list-style-type: none"> ▫ Link21's Goals and Objectives ▫ Process for identifying Link21 concepts ▫ Different types of train service and technology (BART and Regional Rail) ▫ Examples of concepts
February 28th, 2023 Agenda Item C.i.: <i>Introduction to the Business Case (Page 51)</i> Agenda Item C.ii: <i>Concept Development (Page 72)</i>	<ul style="list-style-type: none"> ▫ How a Business Case works ▫ How priority populations were defined ▫ Outreach about concepts ▫ Six initial concepts
April 18th, 2023 Agenda Item D: <i>Link21 Equity Metrics: How Equity is Being Evaluated and Considered in Program Development (Page 30)</i>	<ul style="list-style-type: none"> ▫ Equity metrics in the initial evaluation ▫ Equitably measuring access to jobs ▫ Equitably measuring access to important regional community resources ▫ Equity indicators

ATTACHMENT

Agenda Item G: Link21 Concepts Being Explored

Agenda Item G: Concept Development, Service Considerations, and Initial Evaluation Results

Equity Advisory Council

June 20, 2023



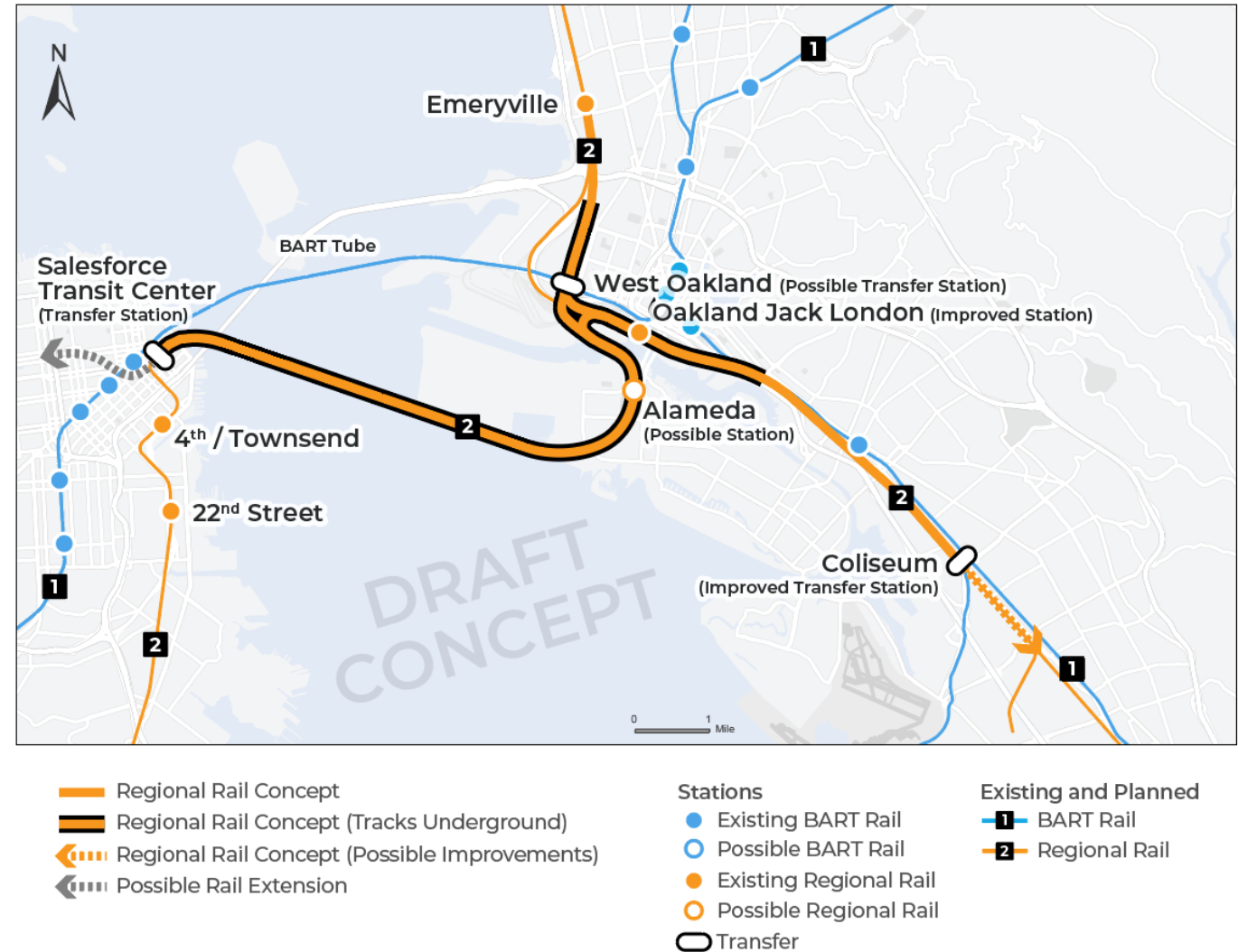
What concepts are being explored?



Link21 Concept A:

Service Benefits

- Includes Urban | Metro and Intercity | Express service on Regional Rail tracks
- Prioritizes Oakland connection to BART over shorter travel time between East Bay and San Francisco
- Creates new connection in West Oakland (transfer between Regional Rail & multiple BART lines)
- Connects to Salesforce Transit Center offering riders an easy trip to the Peninsula/Silicon Valley

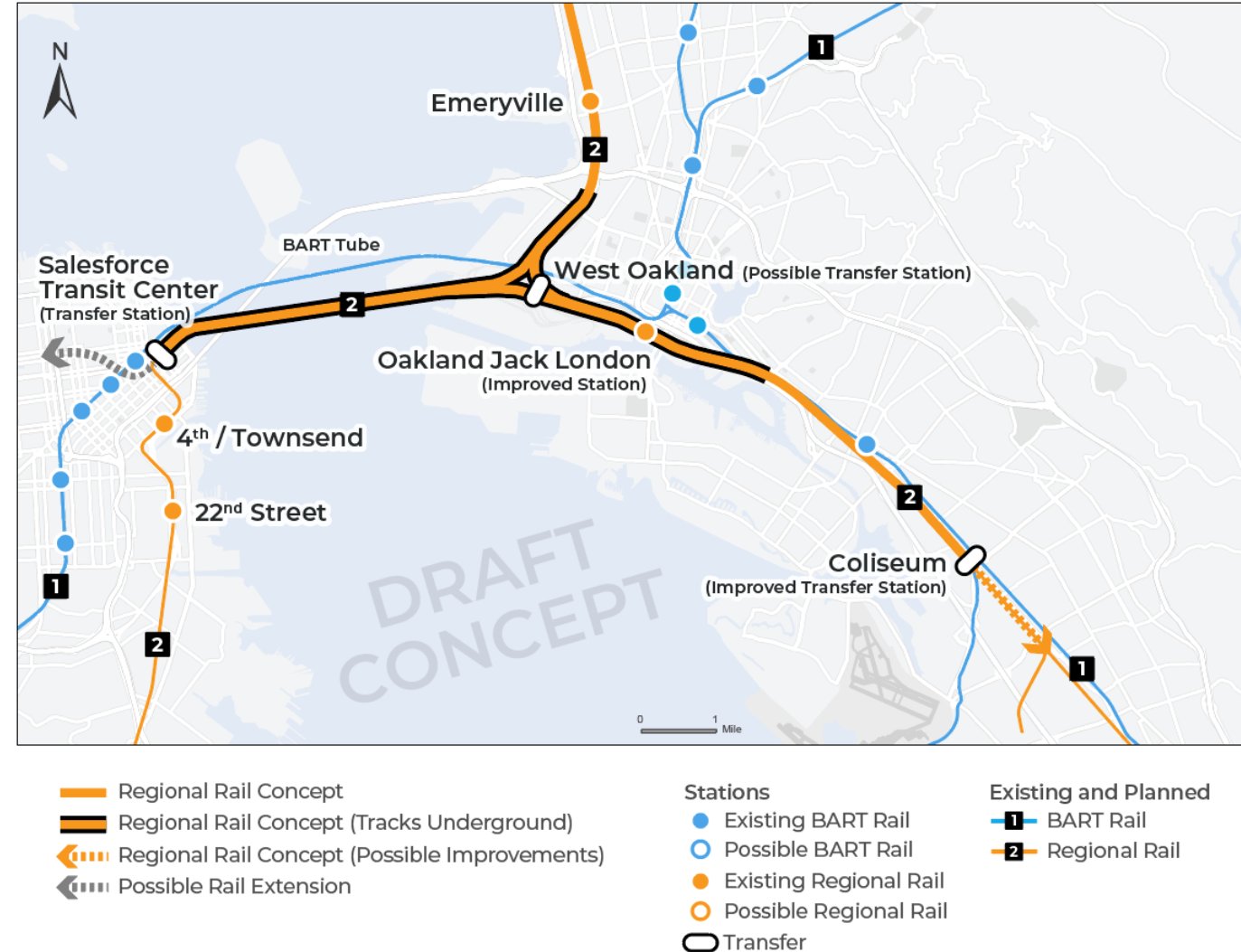


Concept includes BART system improvements

Link21 Concept B:

Service Benefits

- Includes Urban | Metro and Intercity | Express service on Regional Rail tracks
- Prioritizes shorter travel time between East Bay-San Francisco over more station stops in Oakland
- Creates new connection in West Oakland (transfer between Regional Rail & BART for southbound riders)
- Connects to Salesforce Transit Center offering riders an easy trip to the Peninsula/Silicon Valley

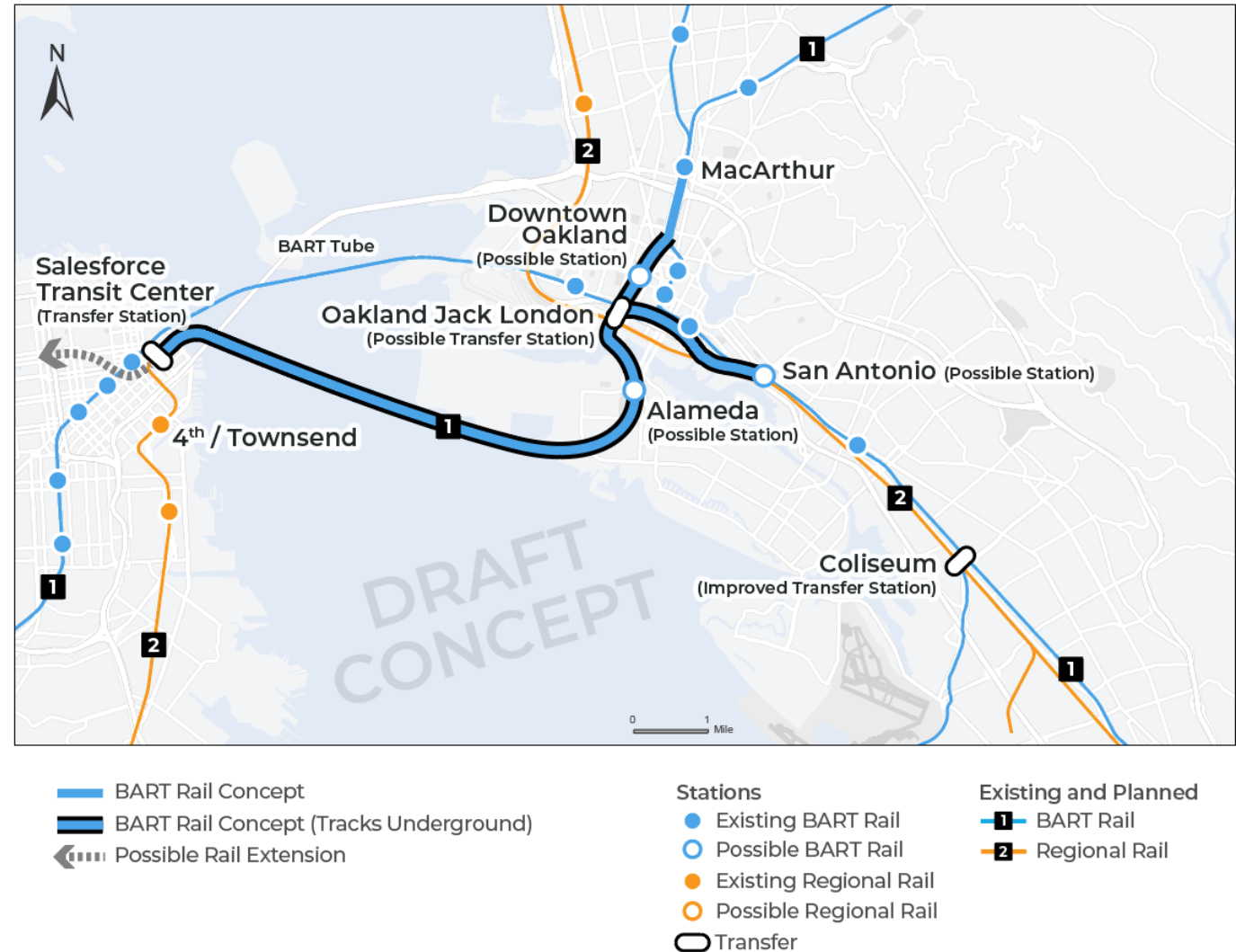


Concept includes BART system improvements

Link21 Concept C:

Service Benefits

- Increases Urban | Metro service and includes stronger connection to Intercity | Express service on Regional Rail tracks
- Creates new connection in Oakland Jack London (transfer between Regional Rail and multiple BART lines)
- Serves Market Street / Financial District in San Francisco (near Salesforce Transit Center for Regional Rail service to the Peninsula/Silicon Valley)

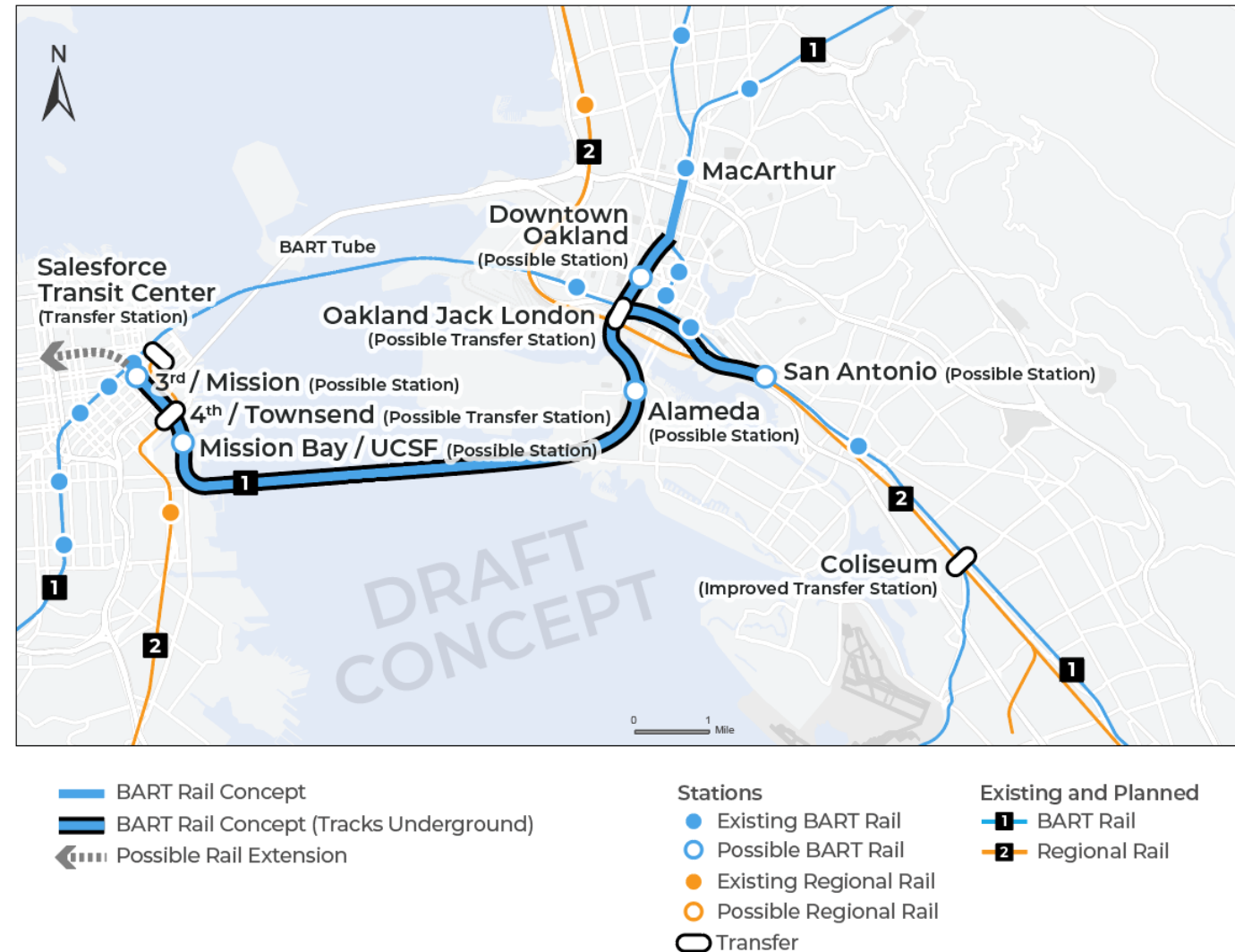


Concept includes Regional Rail system improvements

Link21 Concept D:

Service Benefits

- Increases Urban | Metro service and includes stronger connection to Intercity | Express service on Regional Rail tracks
- Creates new connection in Oakland Jack London (transfer between Regional Rail and multiple BART lines)
- Serves Mission Bay / UCSF in San Francisco and 4th/Townsend station to transfer to Regional Rail service to reach Peninsula/Silicon Valley

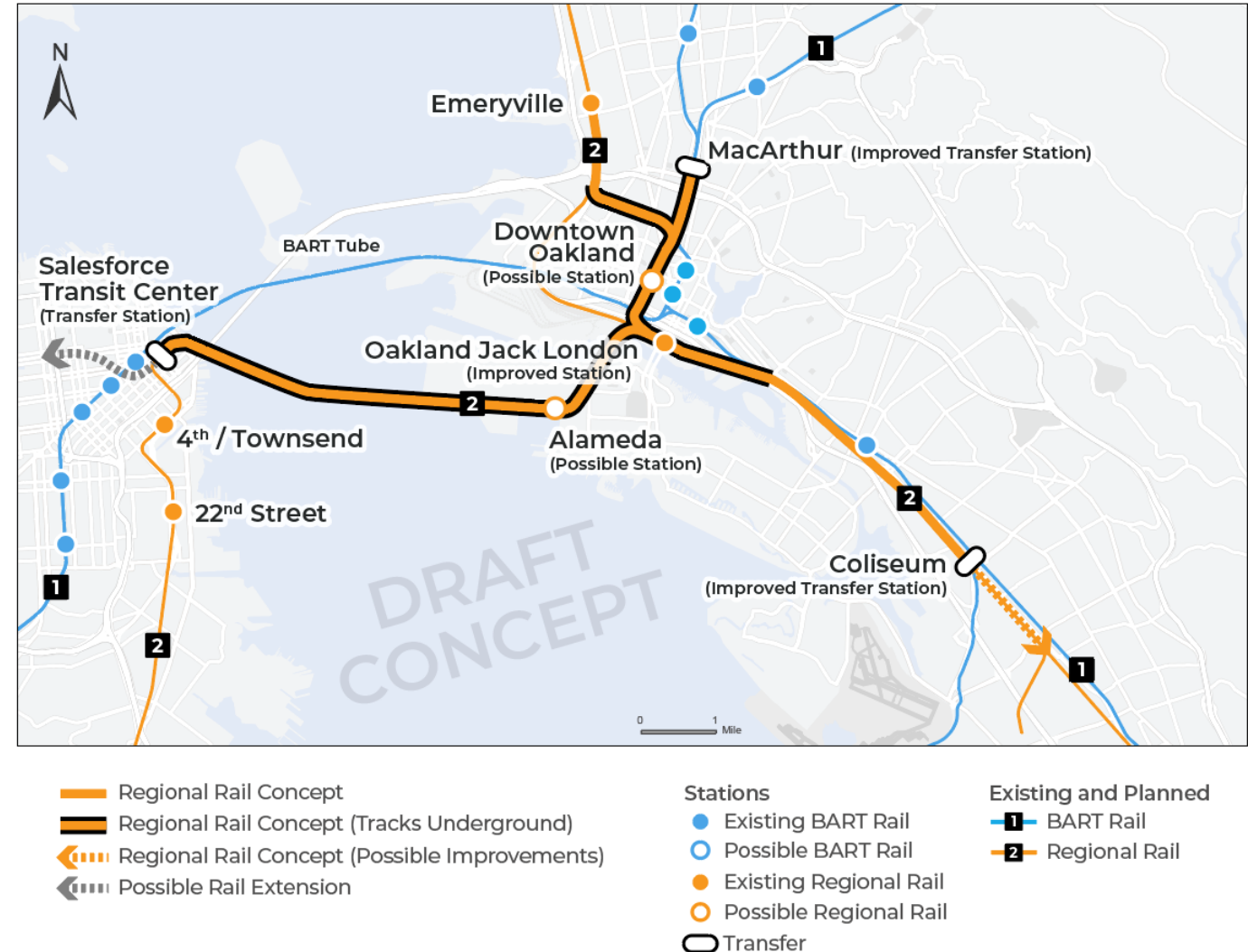


Concept includes Regional Rail system improvements

Link21 Concept E:

Service Benefits

- Includes Urban | Metro and Intercity | Express service on Regional Rail tracks
- Prioritizes Oakland connection to BART over shorter travel time between East Bay and San Francisco
- Creates new connection at MacArthur station in Oakland (transfer between Regional Rail & multiple BART lines)
- Connects to Salesforce Transit Center offering riders an easy trip to the Peninsula/Silicon Valley

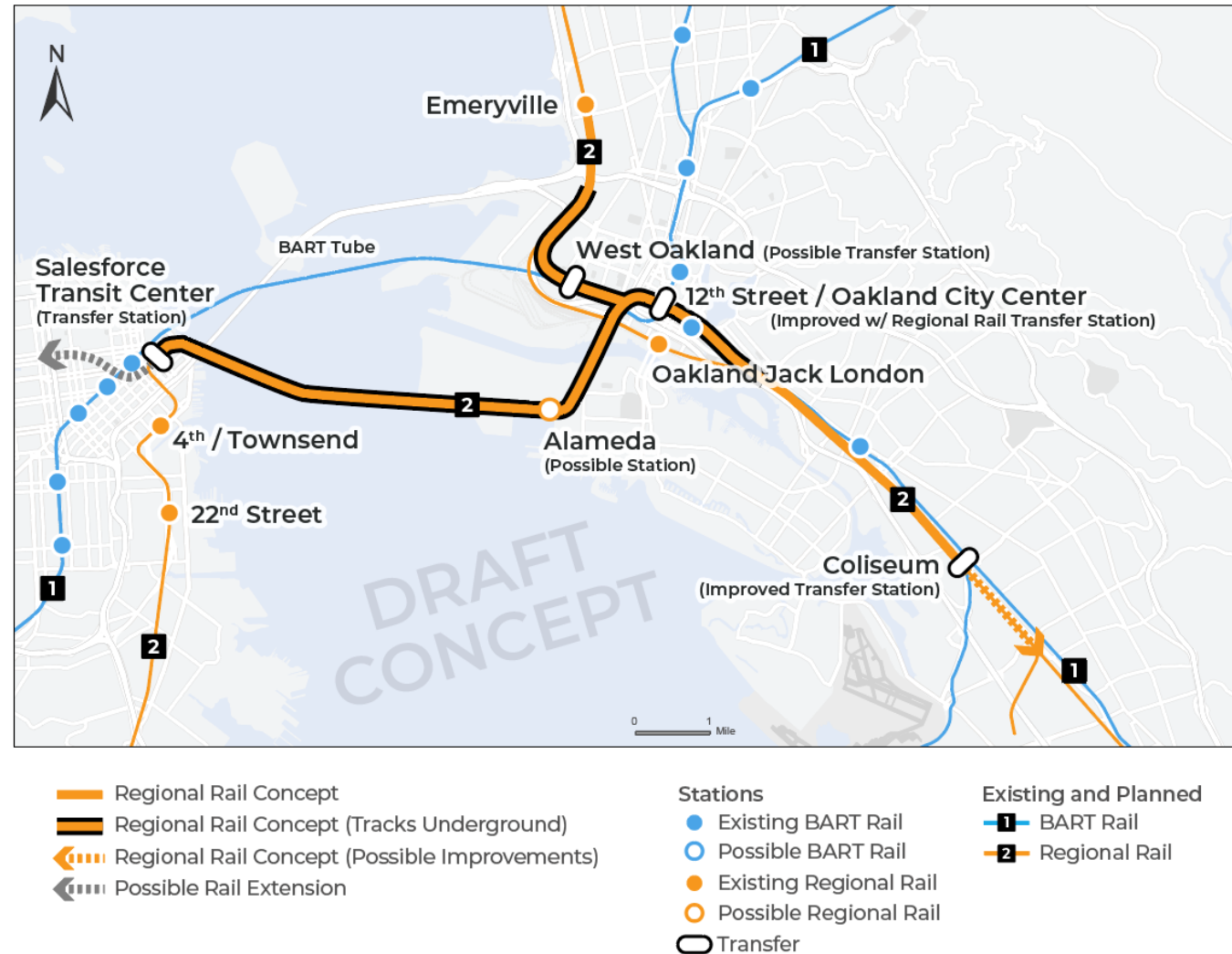


Concept includes BART system improvements

Initial Concept F:

Service Benefits

- Includes Urban | Metro and Intercity | Express service on Regional Rail tracks
- Prioritizes Oakland connection to BART over shorter travel time between East Bay and San Francisco
- Creates new connection in Downtown Oakland (transfer between Regional Rail & multiple BART lines)
- Connects to Salesforce Transit Center offering riders an easy trip to the Peninsula/Silicon Valley



Concept includes BART system improvements