Diridon Integrated Station Concept Plan

A Joint Effort of
The Diridon Partner Agencies
in collaboration with Arcadis & Benthem Crouwel Architects

March 25, 2019
Community Meeting #2
Presentation Agenda

• Intro:

• Overview:
  o What is the Concept Plan?
  o Who is preparing it?
  o How is the public involved?

• Progress to date:
  o Key Elements under Consideration
  o Draft Evaluation Framework

• Activity Instructions
Diridon Integrated Station Concept Plan

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Existing Footprint of Diridon Station
Planning for New/Increased Services

Existing and Future Heavy Rail Passenger Services at Diridon

- High-Speed Rail
- BART
- Electrified Caltrain
- ACE
- Capitol Corridor
Trains can move many passengers per day with a small amount of land.
Passengers per Day

AMSTERDAM MAIN STATION: 250k

BERLIN MAIN STATION: 300k
Concept Plan Components

1. A spatial configuration that shows how the various track and station elements will fit together and generally relate to the surrounding neighborhood.

2. An effective organizational structure to deliver the vision for the station.

It does not involve detailed engineering and architecture or environmental review (later phase), nor land use planning or private development review (separate City process).
Concept Plan Scope

PHASE I: Develop a Preferred Option
- Initial Visioning
- Kit of Parts, Elements and Scenarios
- Single Preferred Option

PHASE II: Advance the Preferred Option
- 10% engineering and design plans
- Program development activities such as preliminary cost estimate, delivery strategies, etc.
Phase I Process

- Kick-off: Ambitions/Objectives
- Prepare Key Elements/Combinations
- Develop and Evaluate Scenarios
- Develop Single Preferred Option
- Direction from Partner Agency Boards

Collaborative, iterative process involving monthly workshops with all 4 Partner Agencies and community/stakeholder engagement
Related Transit Projects

- Caltrain Electrification
- Diridon Station Area Plan Update
- BART Extension to San Jose
- High-Speed Rail Introduction
- Diridon Integrated Station Plan
- Caltrain Business Plan
Coordination with Transit Projects
Coordination with City-Led Processes

Diridon Station Area Plan (DSAP)
- Identify DSAP Revisions
- DSAP Update

Google Project
- Prepare Application
- City Review of Application

Diridon Integrated Station Concept Plan
- Phase I: Single Preferred Option
- Phase II: Roadmap to Delivery

Downtown Transportation Plan
- Prepare Plan
The vision is to deliver a world-class transportation hub that provides seamless customer experience for movement between transit modes within the station and into the surrounding neighborhoods and Downtown.
Key Objectives

A Compelling Vision for the Future of the Diridon Station

A Multi-modal, Integrated, and Human-centered Station

The Station as Catalyst for the Urban Environment

The Station as a Destination

A Futureproof, Flexible, Adaptive, and Innovative Station

Internal & External Stakeholders

Partnership Organization

Funding Objectives and Risk Management
Outreach Completed to Date

• Presented to the SAAG: October 18, 2018
• Community Kick-off Meeting: December 10, 2018
• Supported SJSU Master’s of Urban Planning capstone class project on Diridon Station, which included focus groups and a community event
Outreach Completed to Date

• Updated [www.diridonsj.org](http://www.diridonsj.org) with information on the Concept Plan
• Maintaining email list to provide updates
• Presented to the Diridon Joint Policy Advisory Board (JPAB) and Partner Agency boards (including City Council)
• Presented an update to the SAAG: March 11, 2019
Themes from Community Input

• **Seamless passenger experience.** The station needs to work well for the passenger.

• **Identity.** The station should function as a regional destination and community hub with 24/7 activity.

• **Access.** The station should be easy to get to from anywhere in the city.
Themes from Community Input

- **Connectivity.** Improve pedestrian and bicycle links across the tracks.
- **Development Potential.** Optimize land for transit-oriented development.
- **Revitalization.** Contribute to an active street life with opportunities for amenities such as commercial and public spaces.
- **Effects on surrounding communities.** Minimize negative effects on residents and businesses.
Themes from Community Input

- **Equity.** Maximize accessibility and affordability.
- **Sustainability.** Minimize environmental impacts and use green building methods.
- **Fiscal responsibility.** Consider costs, decision-making process, financing mechanisms, and long-term operations and maintenance.
Elements of a Concept Plan

- Heavy rail tracks
- Platforms and concourse
- Bus stops and circulation
- BART and Light Rail integration
- Urban connections
- Airport connector and future modes
- Pedestrians, bike, and scooter access
- Vehicle circulation and parking
- Station hall and entrances
- Public space, retail, and amenities
Vertical Position of Platforms

- **AT GRADE**
- **HIGH AERIAL**
- **RECESSED**
- **ELEVATED**
- **STACKED: TUNNEL + ELEVATED**
- **STACKED: TUNNEL + AT GRADE**
Station Location: Option 1

Station located on the north side of San Fernando Street

- Western Entrance
- Station Hall
- Concourse (connection to rail platforms)
Station Location: Option 2

Station located on the south side of Santa Clara Street.

- Western Entrance
- Station Hall
- Concourse (connection to rail platforms)
Station Location: Option 3

Station located between San Fernando and Santa Clara Streets

- Western Entrance
- Station Hall
- Concourse (connection to rail platforms)
Phase I Process

Kick-off: Ambitions/Objectives
Prepare Key Elements/Combinations
Develop and Evaluate Scenarios
Develop Single Preferred Option
Direction from Partner Agency Boards
Balancing Act

Maximize Benefits

Trade-offs

Ensure it will work

Address Impacts
Potential Evaluation Framework

Purpose:

• Evaluate the benefits and trade-offs of potential scenarios

• Help inform development of a Single Preferred Option (SPO)
The framework is still a work-in-progress

The following slides illustrate the types of categories under consideration for the potential framework
Potential Evaluation Framework Categories

1. Operational Efficiency
2. Multi-modal Integration
3. Access
4. Urban Integration
5. Development Potential
6. Community and Environmental Effects
7. Implementation
Operational Efficiency

How does the design meet the needs for transit operators serving the station? How does the design “future-proof” the station functions?
Multi-modal Integration

How does the station work for the passenger? Does it use human-centered design for a seamless travel experience?
Access

Is the station easy to get to from all parts of the city with multi-modal circulation?
Urban Integration

How would the station connect to the urban fabric? Does it address connectivity in the surrounding area?
Development Potential

Does the station design optimize opportunity for high-density Transit-Oriented Development?
Community and Environmental Effects

What kinds of effects, either positive or negative, does the station have on the environment and surrounding communities?
Implementation

What is the best way to implement this project over time? How best to phase it? What are the risks? What are the costs?
Details to be addressed in later project phases

- Detailed design and architecture
- Specific amenities, public space (beyond space proofing)
- Historic preservation, public art
- Parking management
- Trail connections
- Safety and security (operational)
- Fare integration, schedule coordination, affordability
- Specific environmental and neighborhood impacts
Activity Instructions

• Introductions, Q&A (15 min)
• Discussion on Potential Evaluation Framework (15 min)
  o What seems missing to you?
  o What is most important to you?
• Select a persona (5 min)
• Discussion on station location and vertical position of platform options (40 min)
What will we do with your input?

- Document it, post online
- Share input with staff
- Consider input while preparing the Concept Plan and in future phases of work
Next Steps

- Next outreach round in May/June on the development of the Elements and Scenario Evaluation
  - JPAB update
  - SAAG Meeting
  - Community Meeting
  - Online/mobile feedback tools
  - Policy body updates (City Council, VTA Board, Caltrain Board, and CHSRA Board)
- Development of a Single Preferred Option, additional outreach
Thank You!

For more information, visit:
www.diridonsj.org

Contact diridonsj@gmail.com to:
• join our mailing list
• request a presentation to your organization
• ask questions, or
• submit additional comments.