



RECOMMENDATION

Pedestrian Advisory Council

Recommendation Number 20171204-04D: Capital Metro Downtown Station Design

WHEREAS, following a November 2017 briefing by Capital Metro Staff updating the PAC on the current design for the new Downtown Station and adjacent plaza within Brush Square,

WHEREAS, the PAC supports the overall direction of the plan to expand the downtown station,

NOW, THEREFORE, BE IT RESOLVED, the Pedestrian Advisory Council recommends that the City of Austin, Capital Metro, and their consultants work closely with the Design Commission to review the design for the new Downtown Station and adjacent plaza within Brush Square, and receive appropriate design feedback, considering the following:

1. The pedestrian experience should be carefully considered to ensure function and safety, as well as the creation of a cohesive design which is enjoyable and engaging to pedestrians.
2. There should be robust pedestrian connectivity from Plaza Saltillo to Trinity Street, a separate pedestrian walkway from the bikeway, and a walkway on both sides of Fourth Street.
3. The design should allow for future extension of the rail line west, notably to Seaholm.
4. There should be an appropriate construction detour for pedestrian mobility, including ADA access and wayfinding for the vision impaired.

NOW, THEREFORE, BE IT FURTHER RESOLVED, the Pedestrian Advisory Council recommends that the City of Austin develop a master plan for the southeast quadrant of downtown, including Brush Square, Waller Creek, I-35, and the Convention Center expansion.

Date of Approval: December 4, 2017

Vote: 6-0, with Carly Haithcock, Katie Deolloz, and Girard Kinney absent

Attest:

Branigan Mulcahy, PAC Chair



Capital Metro Downtown Station Improvements

Project Update - December 2017
(90% Design Phase)



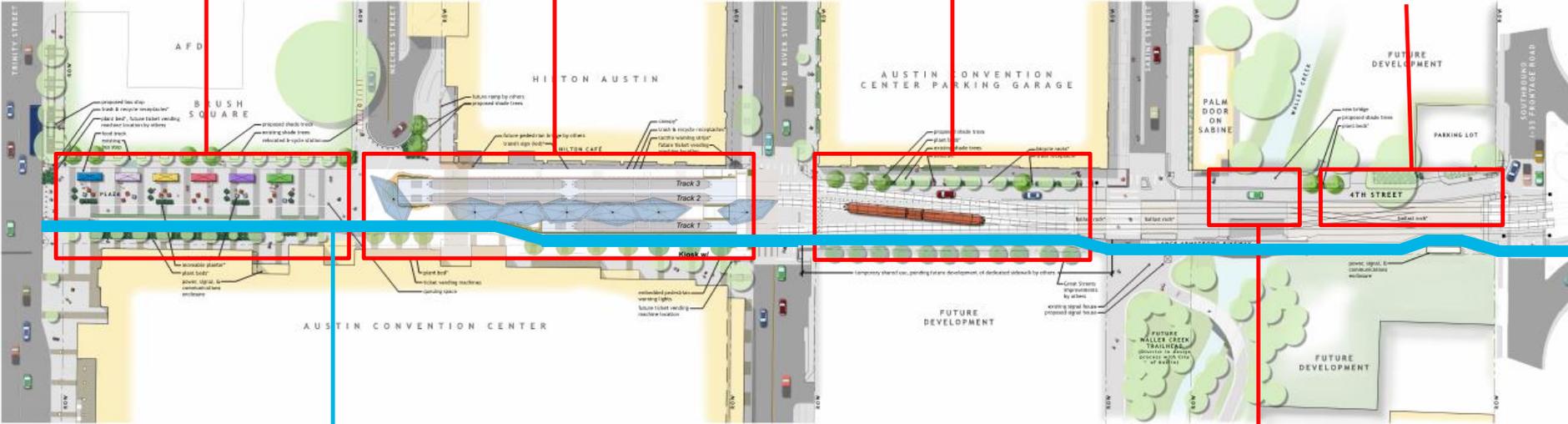
Overall Site Plan

New Public Plaza & Landscaping

New Train Station/Platforms

New Triple Train Tracks & Landscaping

New Double Train Tracks & New Sidewalks



Lance Armstrong Bikeway Path

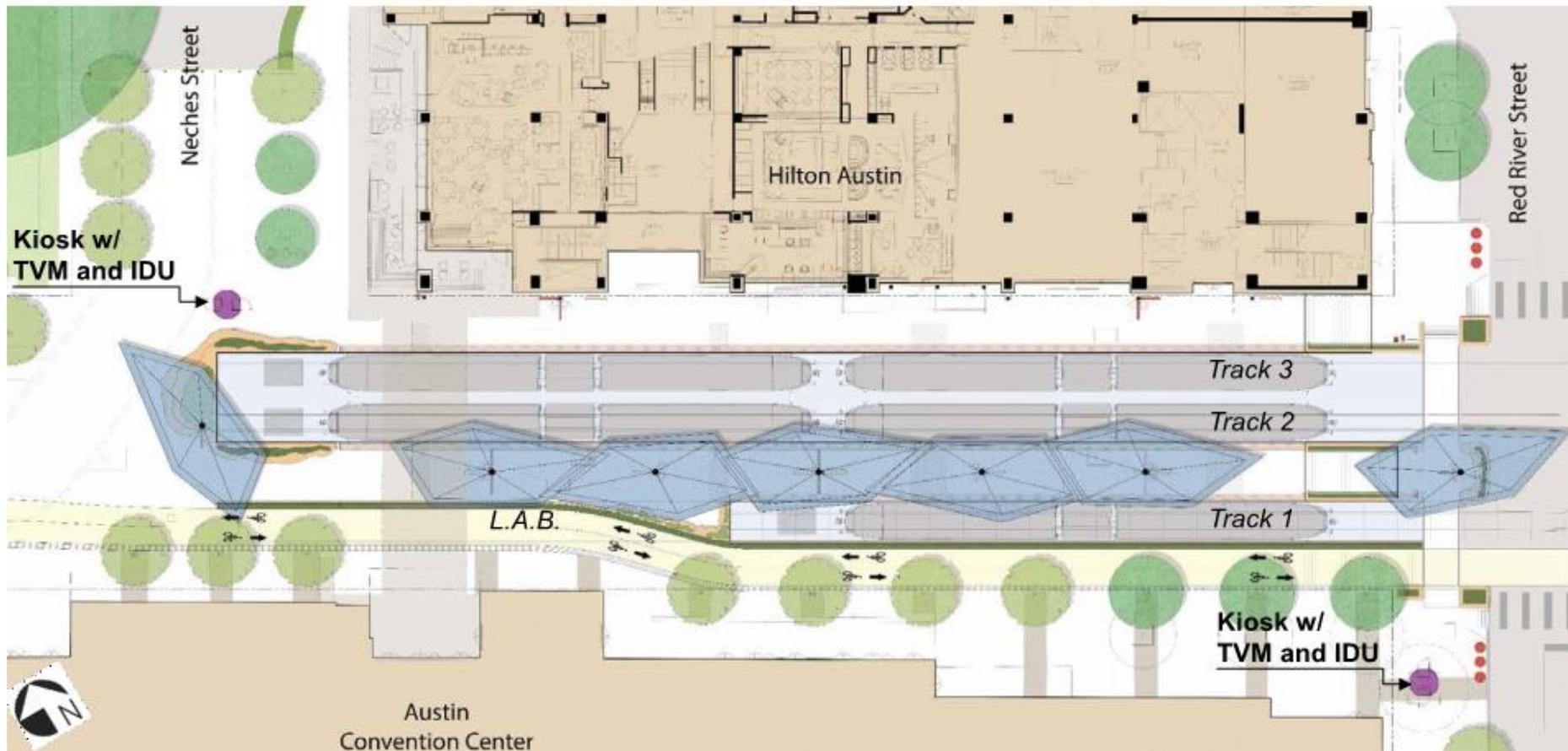
New Bridge Over Waller Creek



Platform Site Plan

Extends East to West along Center Platform & Trackways

- 7 total parasols: 5 protecting entire Center Platform + 2 at entries
- 1 high parasol at both east & west entries
- Detached kiosk with TVMs, IDUs, station name & Capital Metro logo, telephone
- 2 – 4 validators located at approaches to platforms



Early Platform Canopy Concepts

Three Design Options



“Barrel Vault”



“Tilted Vault”



“Parasols”

Selection process included public surveys, open houses, City of Austin staff, CMTA staff/executives, & community entities

Preferred Platform Canopy Design "Parasols"

View along center platform



View from Red River Street looking west

Platform Canopy Design

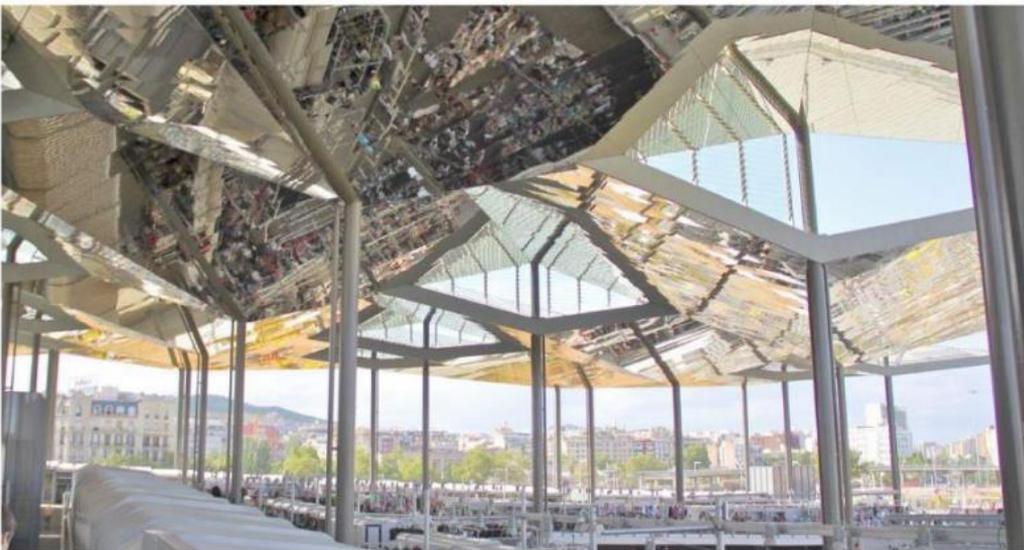
Similar Structures & Materials



Mercat dels Encants (Barcelona, Spain)

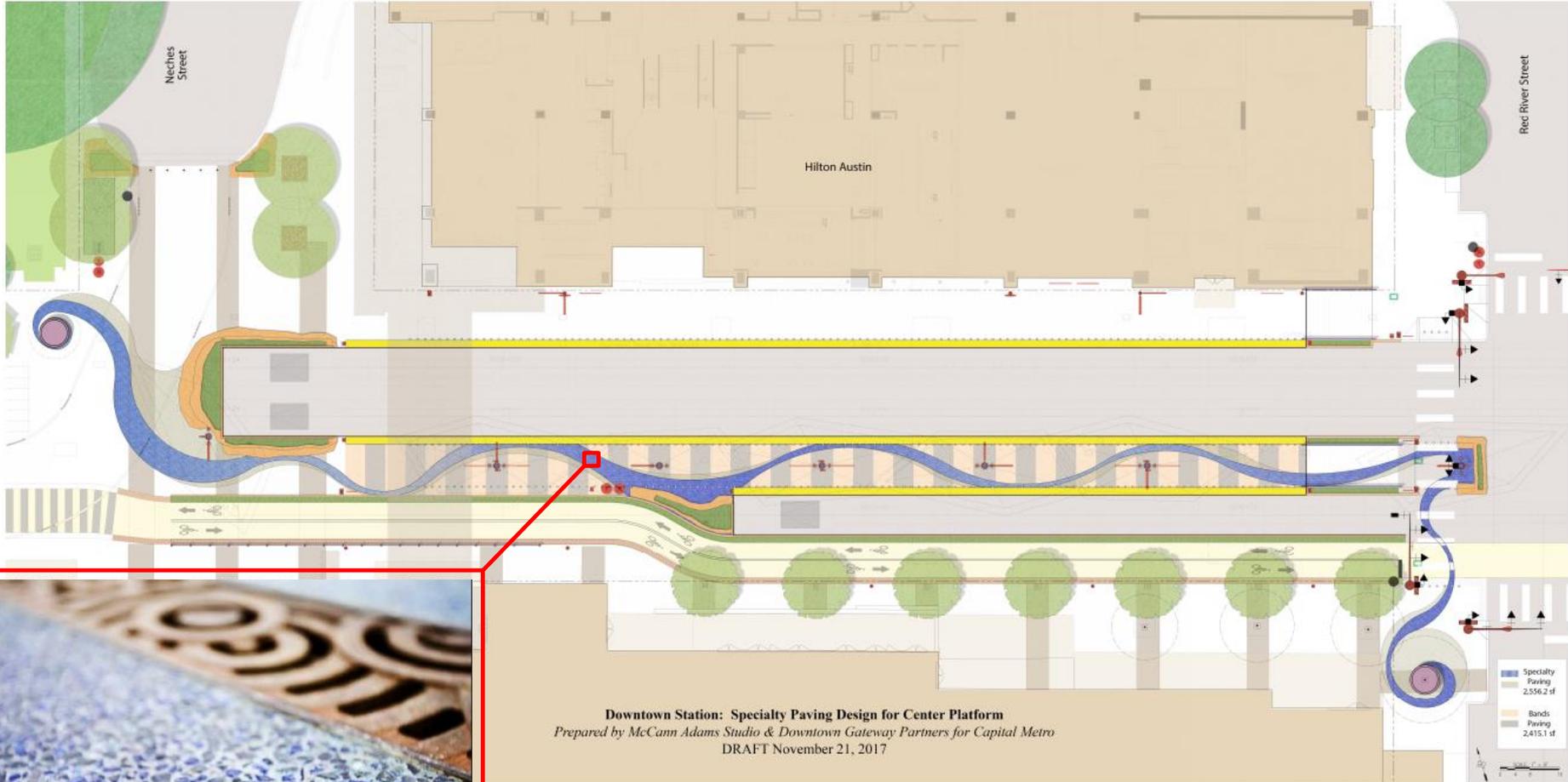


Mercat dels Encants (Barcelona, Spain)



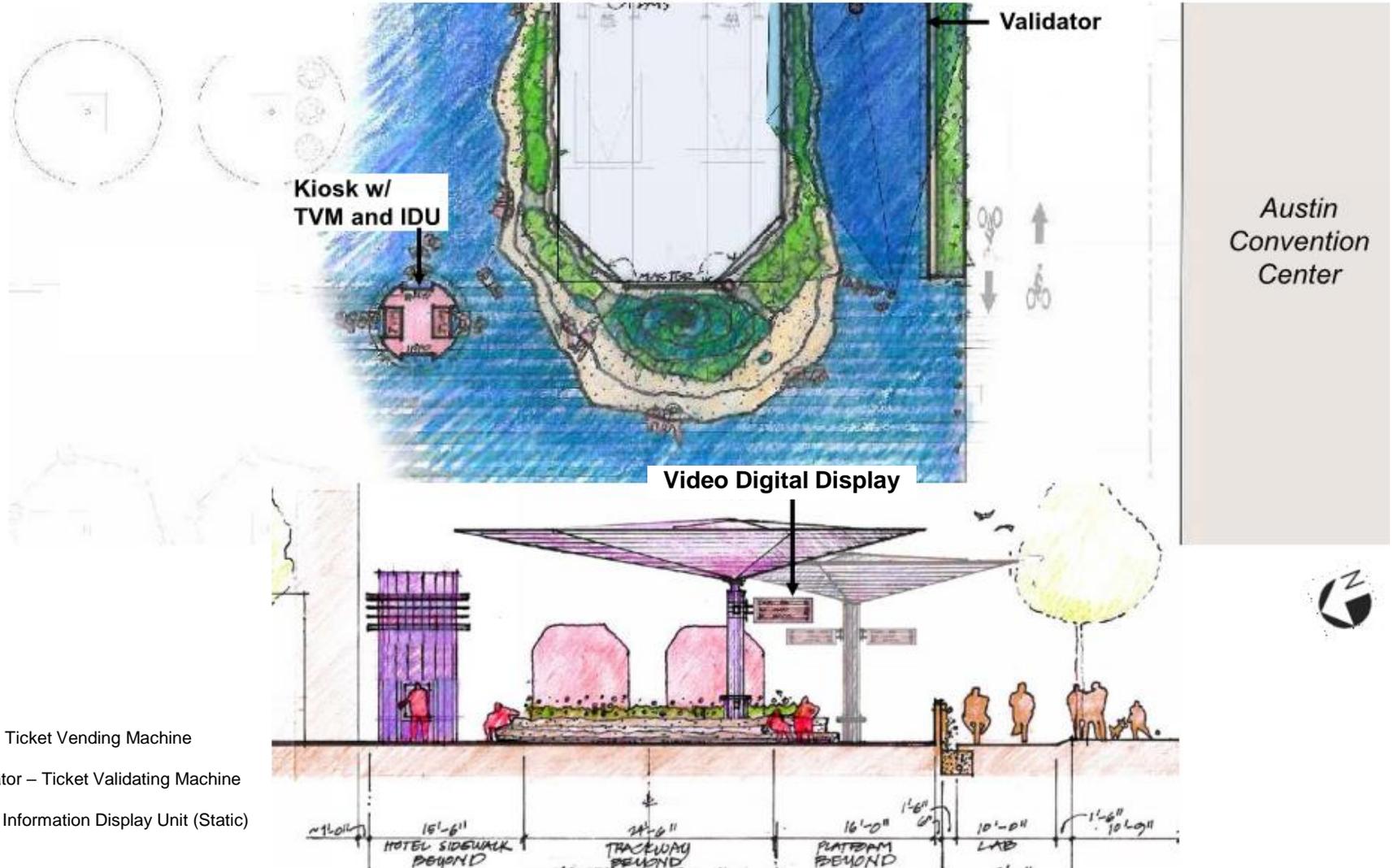
Decorative Paving at Platform

“Lithocrete” Paving



Example of Lithocrete Product
(final colors TBD)

“Stone Oasis” at Station Entry at Neches Street

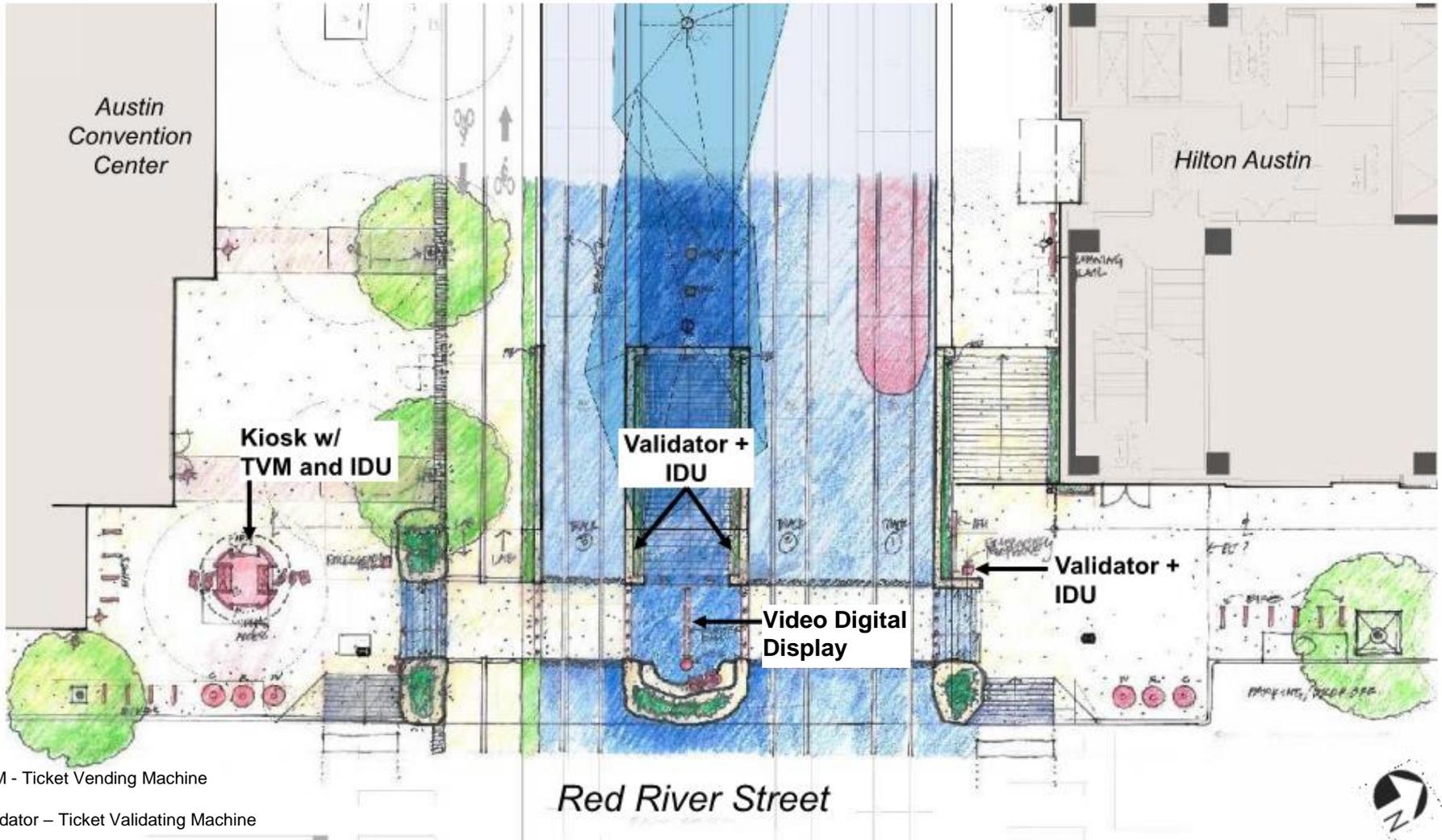


TVM - Ticket Vending Machine

Validator – Ticket Validating Machine

IDU – Information Display Unit (Static)

“Stone Oasis” at Station Entry at Red River Street



TVM - Ticket Vending Machine

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Entry Features



Examples of decorative stone seating with landscaping



Examples of decorative lighting at the ticketing kiosk

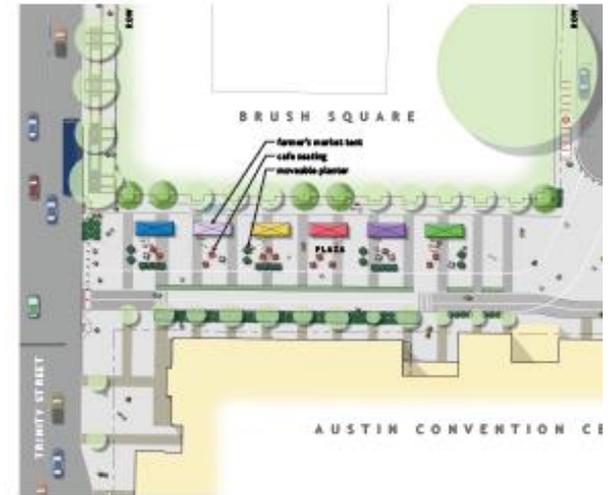
Plaza Design – “One Plaza, Many Opportunities”



PLAZA PROGRAMMING OPPORTUNITY - ONE



PLAZA PROGRAMMING OPPORTUNITY - TWO

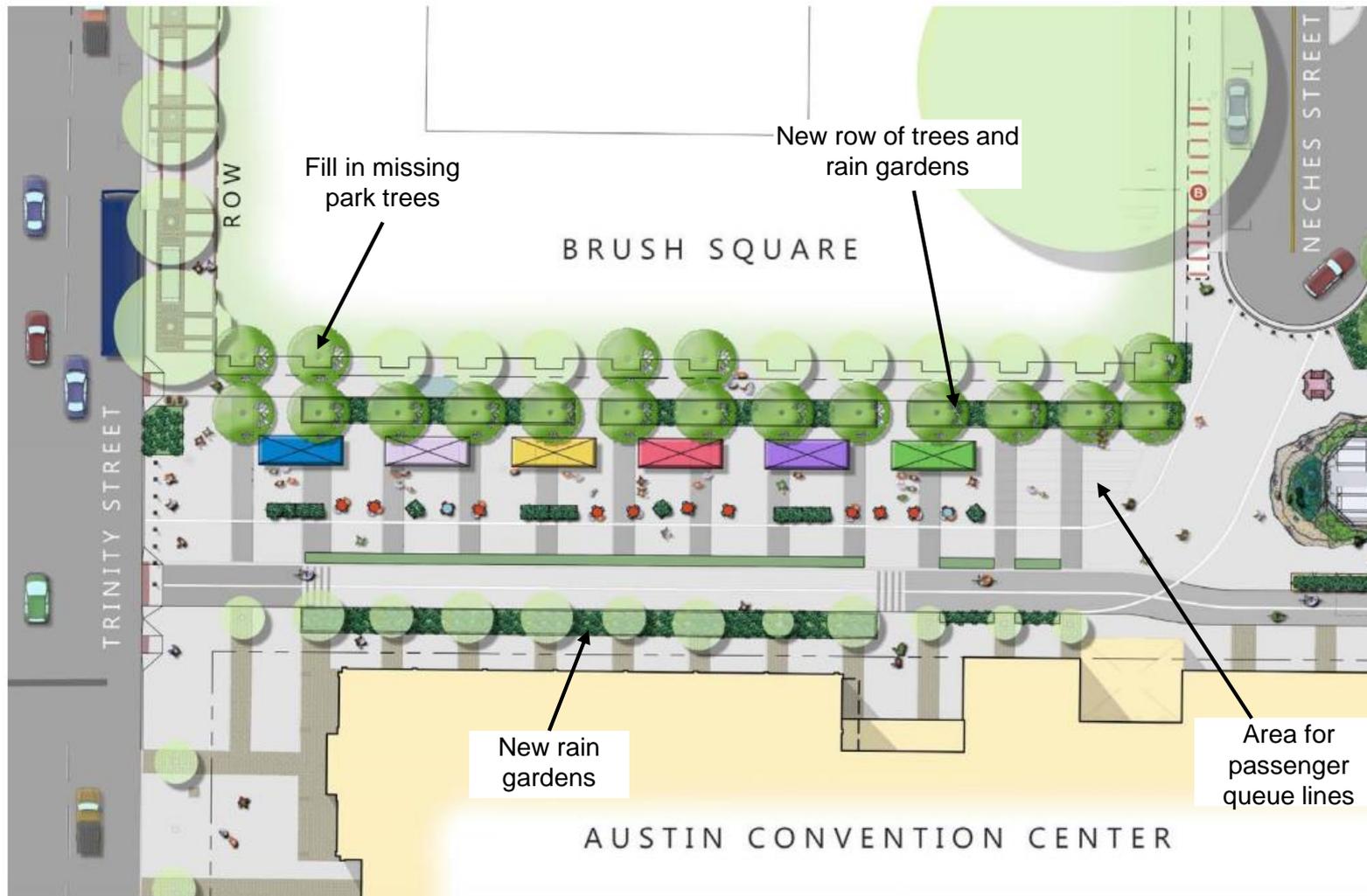


PLAZA PROGRAMMING OPPORTUNITY - THREE



Design process included open house events, City of Austin staff, CMTA staff/executives, community entities, Waller Creek Conservancy

Plaza Design



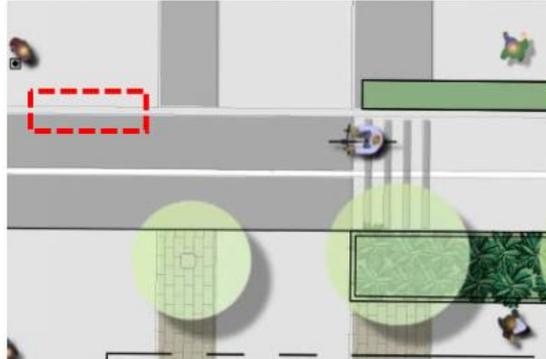
Site plan of proposed plaza between Trinity Street & Neches Street

Plaza Designs

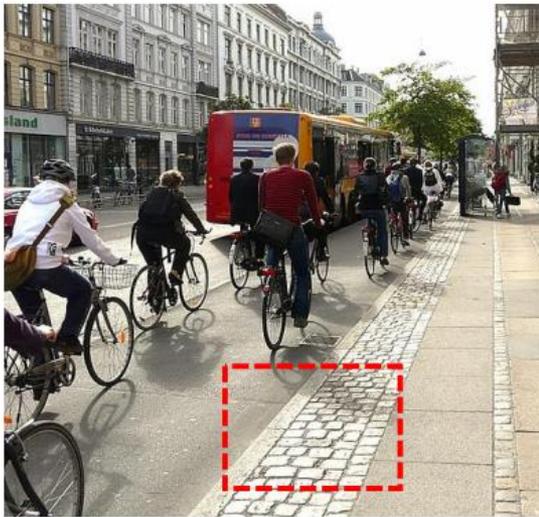
Bikeway and Crosswalk Details



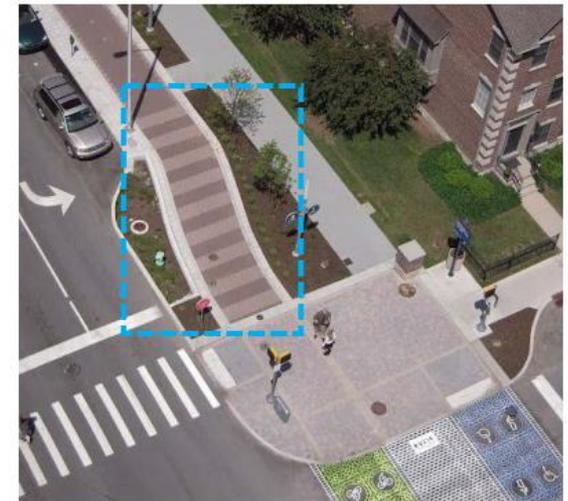
Bikeway Edge Treatment



Bikeway Pedestrian Crossing Paving



Examples of pavers delineating the edge of the bikeway path



Examples of clear pedestrian crossing identification

Plaza Designs



Examples of bioswales (“rain gardens”) at landscape areas



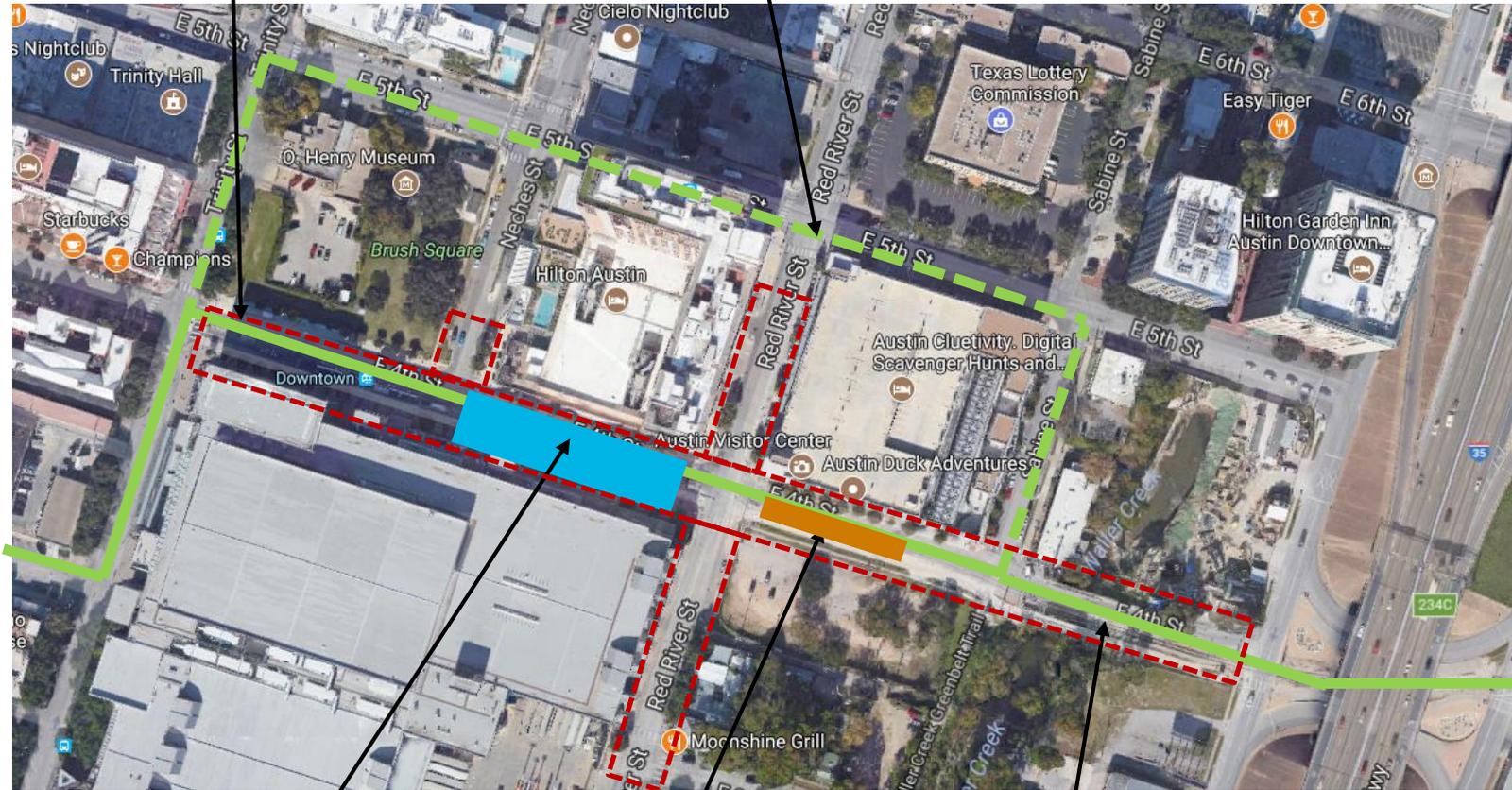
Examples of overhead pendant lighting in Plaza

Construction Phasing & Temporary Bikeway Detour

Construction Zone

Proposed Bikeway Detour to 5th Street During Construction

Note: Detour requires temporary loss of ~50 parking stalls on 5th street



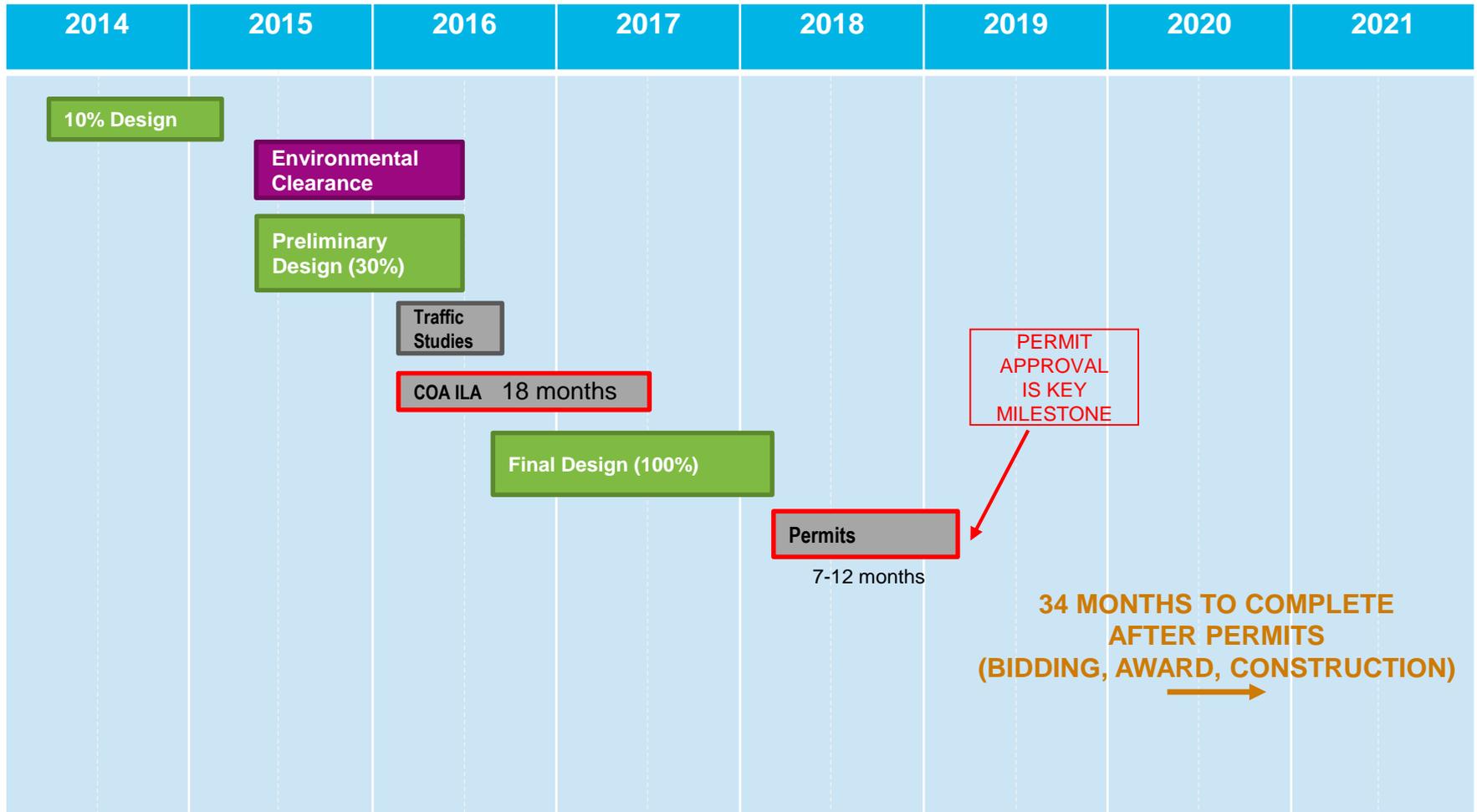
New Station Location

Temporary Station Platform

Current Bikeway Path

Current Project Timeline

Bidding & Construction Contingent on Timely Permits



SCHEDULE CONTINGENCY INCLUDED ABOVE

Next Steps



- Informational meetings for bikeway detour
- Public open house
- Complete 100% designs & permitting
- Begin construction



Thank you

Capital Metro Project Manager:
Marcus A. Guerrero, AIA, PMP, LEED AP

Design Team: Downtown Gateway Partners
(joint venture with HNTB & Alliance Transportation Group)

For more information visit:
<https://www.capmetro.org/plans-development/>
Downtown Multimodal Station

