4th and King Station Access Improvements

Bicycle Advisory Committee
January 17, 2020
Four Types of Cyclists

Source: Alta Planning
Levels of Traffic Stress

**LTS 1**
The level comfortable for all user groups, including vulnerable users (children, youth, disabled persons, and seniors)

**LTS 2**
The level comfortable for most adults on bicycles, including beginning riders and seniors; experienced children and youth

**LTS 3**
The level comfortable for most intermediate and experienced adult bicycle riders, e.g., the “enthusiastic and confident”

**LTS 4**
The level tolerated only by “strong and fearless” people on bicycles, typically shared travel lanes on high volume streets

Source: SFMTA
San Francisco Bike Map
5th Street Design

- Parking protection
- Buffers
- Clear sight lines at turn locations
- No weaving with buses
- Design considerations at heavy turn locations
5th Street Project
Townsend Street Project

- Design for high passenger drop off numbers
- Designated space for buses, taxis, TNCs
- Physical separation from motor vehicles
- New sidewalk constructed
2nd Street Project

- Physical separation
- Bus islands
- Bike signals
- Pedestrian improvements
Terry Francois Project

- Two way facility
- Fewer intersections along bay (similar to situation along tracks)

Source: Joe Rodriguez
Issues at 4th and King

- Other than bike share docks, not much guidance for dockless users
- Reliability of devices is lower due to rebalancing issues
- General issues with devices being placed all over the station
Opportunities at 4th and King

- Changes to pedestrian flow from Townsend Project may open up areas for bike racks and other options
- Companies are interested in valet possibilities
- Bike parking facility interest in partnering with share micromobility companies
Potential Wayside Improvement Sites

- Area A – Old locker area
- Area B – Plaza near bike parking facility
- Area C – Plaza at 4\textsuperscript{th} and King
Area ‘A’ – Old Bike Locker Area

- Security issues caused removal of old lockers
- May be needed for construction station
- Larger footprint for long term
Area ‘B’ – Townsend Plaza

- Bike share docks moved
- New pedestrian flow along Townsend
- Interest in creative partnerships
Area ‘C’ – King Street Plaza

- Area used for staging related to large events
- Bike share docks moved here during Townsend construction
- Working with SF on bike racks along King
Other Bike Plans

- More than 10 other jurisdictions along the Caltrain corridor are working on bike plans
- NACTO (National Association of City Transportation Officials) is a great resource for design ideas
- Silicon Valley Bike Coalition has a comprehensive list
- [https://bikesiliconvalley.org/advocacy/bicycle-pedestrian-plans/](https://bikesiliconvalley.org/advocacy/bicycle-pedestrian-plans/)
Questions/Discussion