

# Quick-Build Guide

Sam Corbett

Paint, Posts and Pilots: Doing More with Less

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alta

# Developing the Quick Build Guide

- Partnership between Alta and California Bicycle Coalition
- Guide can be downloaded at:

<https://altago.com/resources/quick-build-guide/>



# What is Quick Build?

- Quick-Build projects install bicycle, pedestrian or traffic safety improvements using low-cost materials that can be installed quickly
- Quick-Build projects are NOT pop-up or demonstration projects that are intended to be removed after a short period of time



# Why Quick Build?

- Provide much needed pedestrian and bicycling improvements using low cost materials
- Deliver projects on compressed timelines
- Allows community to benefit immediately from the improvements with flexibility for public input to shape final design



# How to Quick Build?

- Build the team
- Set and communicate project goals
- Take stock of available resources
- Take advantage of predictable opportunities
- Use existing contract when in-house resources are lacking
- Advocate for more funding for quick-build



# How to Quick Build?

- Network Approach
- Build on existing plans and data
- Address equity in the network
- Consider long-term planning goals
- Connect key destinations
- Materials selection

DATA  
COLLECTION &  
FIELDWORK



EXISTING  
FACILITIES



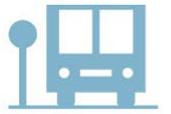
PREVIOUSLY  
PROPOSED FACILITIES



DESTINATIONS



BARRIERS



TRANSIT  
ACCESS

3

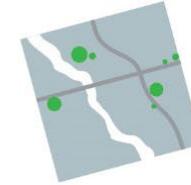
NEEDS  
ANALYSIS



DEMAND FOR  
WALKING & BIKING



WALKING & BIKING  
CRASH RISK



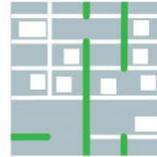
EQUITABLE  
TARGET AREAS



WALK- & BIKE-FRIENDLY  
COMMUNITIES

4

SUPPLY  
ANALYSIS



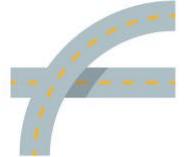
ROADWAY  
CONNECTIVITY GAPS



LEVEL OF SERVICE / LEVEL OF  
TRAFFIC STRESS ANALYSIS



LAND USE &  
NEW DEVELOPMENT



CAPITAL  
PROJECTS

5

SYSTEM  
DEVELOPMENT



PRIORITIZE  
ACCESS



REVISE PREVIOUSLY  
PROPOSED FACILITIES



PRIORITIZE  
GAPS



CONNECT EXISTING  
FACILITIES



IDENTIFY  
PARALLEL ROUTES



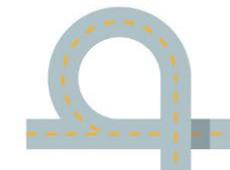
ADDRESS  
BARRIERS

6

DESIGN  
DEVELOPMENT



USER NEEDS



BUILT FORM

- › SPEED LIMIT
- › TRAFFIC VOLUME
- › CURB CUTS
- › FUNCTIONAL CLASS
- › TRUCK TRAFFIC
- › # TRAVEL LANES

ROADWAY  
CHARACTERISTICS

# When to Quick Build?

- Do it now!
- During the pandemic, pedestrians and cyclists need more space and many communities are experiencing record levels of walking and cycling
- Even after pandemic, quick-build provides an effective way to deliver sorely needed facilities quickly and inexpensively



# Engagement for Quick Build

- Identify and engage community partners
- Identify and engage those who may oppose the project
- Create online tool to collect community feedback
- Designate an agency representative for public inquiries



# Post Implementation for Quick Build

- Collect data  
(qualitative and  
quantitative)
- Identify opportunities  
for improvement
- Implement  
programming  
elements

