City of Los Angeles
Department of Public Works
Environmental Scoping Meeting for the Proposed Dugout Loop High Speed Transportation Project
August 28, 2018
Agenda

6:15 pm    Welcome / Introductions
6:20 pm    Overview of Proposed Project
6:35 pm    Overview of CEQA Environmental Review Process
6:40 pm    Review Initial Study Findings
6:50 pm    Public Comment Period Begins
9:00 pm    Meeting Ends

*Spanish Translation is available

*Meeting transcript will be posted online

*Speaker cards are available for anyone interested in making a comment; speakers are limited to 2 minutes
The purpose of The Boring Company is to alleviate soul-destroying traffic and augment public transit through the construction of a tunnel network to enable Loop.
WHAT IS LOOP?

Loop is a zero-emissions, high-speed, underground public transportation system.

PUBLIC TRANSPORTATION
Each skate can carry up to 16 passengers.

ALL-ELECTRIC SKATES
Battery-powered
Zero emissions
Based around Tesla Model X chassis

HIGH-SPEED
Speeds of up to 150 miles per hour
WHAT IS DUGOUT LOOP?

Express service in under 4 minutes between Dodger Stadium and Los Feliz, East Hollywood, or Rampart Village ("western terminus")

One Main Artery Tunnel
Approximately 3.6 miles long

Tunnel boring machine (TBM) Launch Shaft
To be converted to a Loop Lift at Dodger Stadium

Two "Loop Lifts" (Small Stations)
Dodger Stadium and western terminus

Up to Six Access Shafts
Distributed along alignment
THREE DESIGN CONCEPTS

Three design concepts are being evaluated for the western terminus of the project. They will be located in vicinity of a Metro Red Line station in neighborhoods of Los Feliz, East Hollywood, or Rampart Village. Only one design concept will be selected.
MAIN ARTERY TUNNEL

Location
Completely under public right-or-way or land owned/leased by The Boring Company

Construction
Excavated and built using a TBM
Concrete “shelves” for the electric skate

Size
13.5’ Outer Diameter
12’ Inner Diameter

Depth
Typically 30’ to top of tunnel
Deeper as needed to avoid existing infrastructure
TBM LAUNCH SHAFT

Main connection point between surface and subsurface operations

What comes out: tunnel “muck”

What goes in: TBM, tunnel lining segments, ventilation duct and utilities, concrete shelves

Would be located at or adjacent to Dodger Stadium on private land

Would be converted to Loop Lift after tunneling is completed

TBM Launch Shaft in Hawthorne, CA
LOOP LIFTS

Loop Lifts are the surface points at which riders would access the Loop system.

Each Loop Lift consists of a ramp or elevator that lowers an electric skate into the tunnel.
ACCESS SHAFTS

Provide ventilation and access/egress for maintenance and emergency response

12-ft diameter shafts with grate or shed covering at up to six locations

To be located on private land owned/leased by The Boring Company

Linked to Main Artery Tunnel via lateral “spur” tunnel
PROPOSED CONSTRUCTION

How long will construction take?
Approximately 14 months from groundbreaking to functional Loop.

What will you do with all the dirt?
Trucks will take approximately 150,000 cubic yards of soil to disposal facilities along City-approved haul routes. Dirt could also be repurposed for bricks.

Will I see, hear, or feel the TBM?
The City will study noise and vibration impacts through the EIR process. We anticipate that vibration and noise from tunneling would be imperceptible on the surface.

What about earthquakes?
Tunnels, when designed properly, are known to be some of the safest places to be during an earthquake. This will also be discussed in the EIR.
PROPOSED OPERATIONS

When will the system operate? Initial operations would service events at Dodger Stadium.

How many passengers can ride it? Approximately 1,400 passengers per event (and up to 2,800).

How long will it take? About 4 minutes from point to point.

Where will you store all the skates? Skates would be stored at the western terminus except during events.

Are you coordinating with Metro? Yes! The Boring Company is coordinating with Metro on a regular basis, and will not begin construction until Metro has fully approved of Dugout Loop plans.

How will riders buy tickets? Riders will reserve and purchase tickets in advance similar to booking seats at a movie theater via a mobile app, over the phone, or in person.

How much will it cost? Around $1.
CEQA Environmental Review Process

- **Notice of Preparation**
  - Aug 28, 2018 Public Meeting
  - Scoping Period (Fall 2018)

- **Draft EIR**
  - Public & Agency Input
  - Public Meeting
  - Winter 2019

- **Final EIR**
  - Public & Agency Input
  - Public Meeting
  - Spring/Summer 2019

- **EIR Certification & Project Approval**
  - Lead Agency Hearing
Environmental Resources To Be Analyzed

As part of the EIR, the following environmental topics will be studied in more detail:

- Aesthetics
- Agriculture
- Air Quality
- Biological Resources
- Cultural Resources
- Geology/Soils
- Greenhouse Gases
- Hazards and Hazardous Materials
- Hydrology & Water Quality

- Land Use & Planning
- Noise
- Population and Housing
- Public Services
- Transportation & Traffic
- Tribal Cultural Resources
- Utilities & Service Systems
- Mandatory Findings of Significance
Environmental Resources

**Aesthetics:**
There may be visual impacts associated with construction activities (use of large machinery, etc.). How the Project may visually effect structures with known and potential historic or cultural significance will also be considered. We will also look at how the Project may impact any potential scenic vistas. Lighting impacts during construction activities and operations will also be considered.

**Air Quality & Greenhouse Gas Emissions:**
Air emissions from construction equipment and soil handling may contribute to existing regional air quality violations for these pollutants: ozone, particulate matter (PM) 2.5, PM 10 and lead. The EIR will study these effects, along with GHG emissions.
Environmental Resources

Cultural, Historic and Paleontological Resources:
The EIR will review potential historic, cultural, and paleontological resources (fossils) that may be present in the Project area.

Hazards and Hazardous Materials:
Project construction may require removal of contaminated soils. A review of known contaminated sites along the alignment will be discussed in the EIR.

Population and Housing:
The Project will not construct new homes or businesses. The Project is not anticipated to spur additional economic growth in the area, but this issue will be evaluated further in the EIR.
Traffic:
Construction of the Project will require approximately 30 trucks daily to haul excavated material. Operation of the project is anticipated to help alleviate traffic congestion.

Noise:
Construction noise may exceed noise standards. Noise and vibration from construction and operations will be studied in the EIR.

Water Quality and Hydrology:
Construction of the Project will require approximately 4,000 gallons of water per day. Impacts to water quality, hydrology and groundwater supplies will be studied in the EIR.
How to Submit Public Comment

- Verbal Comments at tonight’s meeting
- Written Comment Cards or Online Forms – Complete and submit tonight
  - Link to comment online: https://bit.ly/2wir3gQ
- Email – Send comments to:
  Jan.Green.Rebstock@lacity.org, subject: Dugout Loop Project; include contact info with mailing address
- Submit Comment Card or Letter by mail

COMMENTS DUE September 17, 2018
How to Stay Involved

- Provide mailing address on meeting sign-in sheet & any comments submitted

- COMMENTS DUE September 17, 2018

- Environmental Documents for review are posted here: http://eng.lacity.org/dugout-loop
- Upcoming Design meetings/outcomes will be posted here: https://www.boringcompany.com/dugout
More Information

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