

Appendix Q

Design Option B Plan and Profile

1.0 INTRODUCTION

The purpose of this Appendix Q is to provide additional detail and graphics as to the Design Option B alignment, including portions of the alignment over public ROW, publicly owned property, and private properties. Design Option B consists of a 50-foot overall height increase at the Alameda Tower, and the removal of Alpine Tower from the proposed Project between the Alameda Station and the Chinatown/State Park Station. Under Design Option B, the portion of the proposed Project alignment from the Chinatown/State Park Station to the Dodger Stadium Station is the same as under the proposed Project. This change to the proposed Project components is shown in the graphics in this Appendix Q.

This Appendix P provides graphics of the Design Option B alignment maps, listed below, with larger scale insets A through D for each map, provided for informational purposes:

- **Map 1:** ANSI Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting ANSI Requirements and Additional Separation Buffer;
- **Map 2:** ANSI Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Public ROW | Publicly-Owned Property and Private Property;
- **Map 3:** ANSI Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Public ROW | Publicly-Owned Property and Private Property for which Project Sponsor has an Arrangement for Aerial Rights, and Private Property for which Project Sponsor Does Not have an Arrangement for Aerial Rights; and
- **Map 4:** ANSI Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Respective Ownership of Public Property and Private Property; and the Profile.



This Appendix Q also provides Design Option B aerial rights over property graphics.

This Appendix Q also provides graphics of the Design Option B alignment profile graphic, with larger-scale insets A through D, provided for informational purposes.

Table Q-1: Map Key


Map 1:

ANSI* Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting ANSI* Requirements and Additional Separation Buffer

-  ANSI* Required Aerial Rights
-  Additional Separation Buffer





Map 2:

ANSI* Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Public ROW | Publicly-Owned Property and Private Property

-  Public ROW and Publicly-Owned Property
-  Private Property
-  Additional Separation Buffer








Map 3:

ANSI* Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Public ROW | Publicly-Owned Property, Private Property for Which Project Sponsor Has an Arrangement For Aerial Rights, and Private Property for Which Project Sponsor Does Not Have an Arrangement for Aerial Rights

-  Public ROW and Publicly-Owned Property
-  Private Property | Project Sponsor has an arrangement with the property owner for aerial rights
-  Private Property | Project Sponsor does not have an arrangement with the property owner for aerial rights
-  Additional Separation Buffer

Map 4:

ANSI* Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Respective Ownership of Public Property and Private Property

-  City ROW
-  City-owned Property
-  Metro Property
-  Caltrans Property
-  California State Parks Property
-  Private Property
-  Additional Separation Buffer

Map 1: Overall Route
ANSI* Requirements and Additional Separation Buffer Along Design Option B
Alignment Depicting ANSI* Requirements and Additional Separation Buffer




- ANSI* Required Aerial Rights
- Additional Separation Buffer

***American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.**

Map 1 - Inset A



-  **ANSI* Required Aerial Rights**
-  **Additional Separation Buffer**

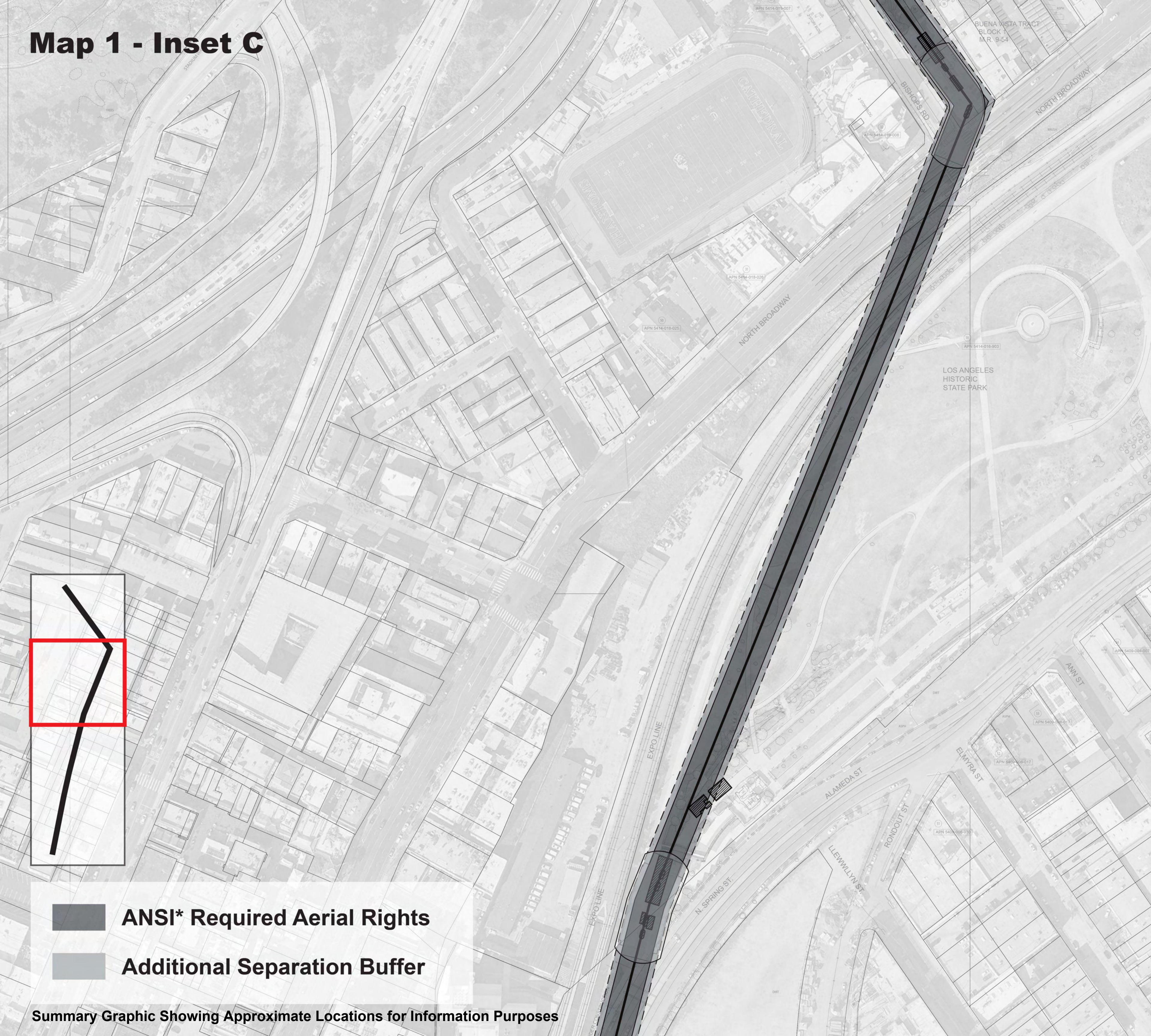
Summary Graphic Showing Approximate Locations for Information Purposes

Map 1 - Inset C



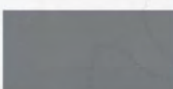
-  ANSI* Required Aerial Rights
-  Additional Separation Buffer

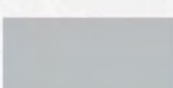
Summary Graphic Showing Approximate Locations for Information Purposes



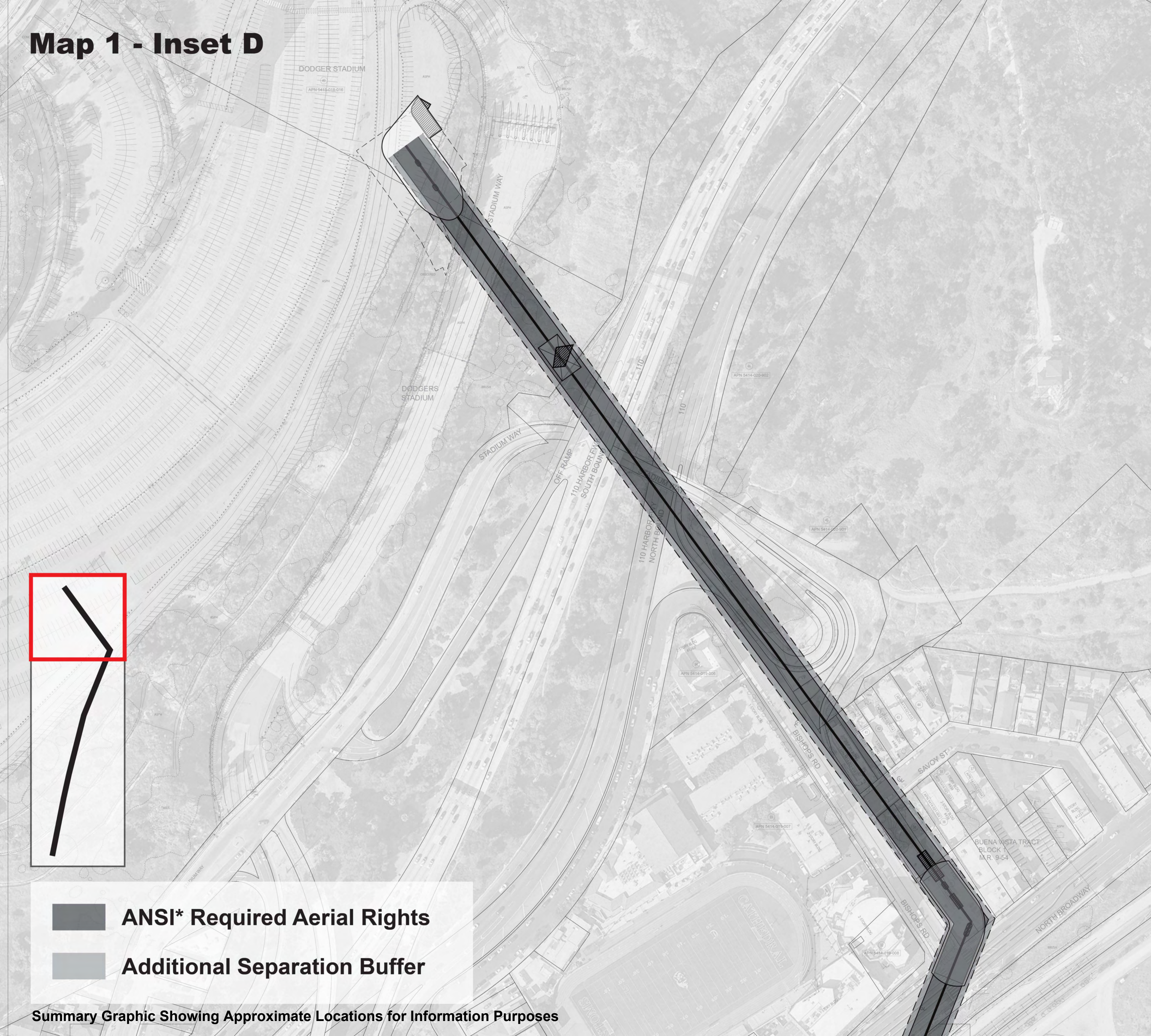
Map 1 - Inset D



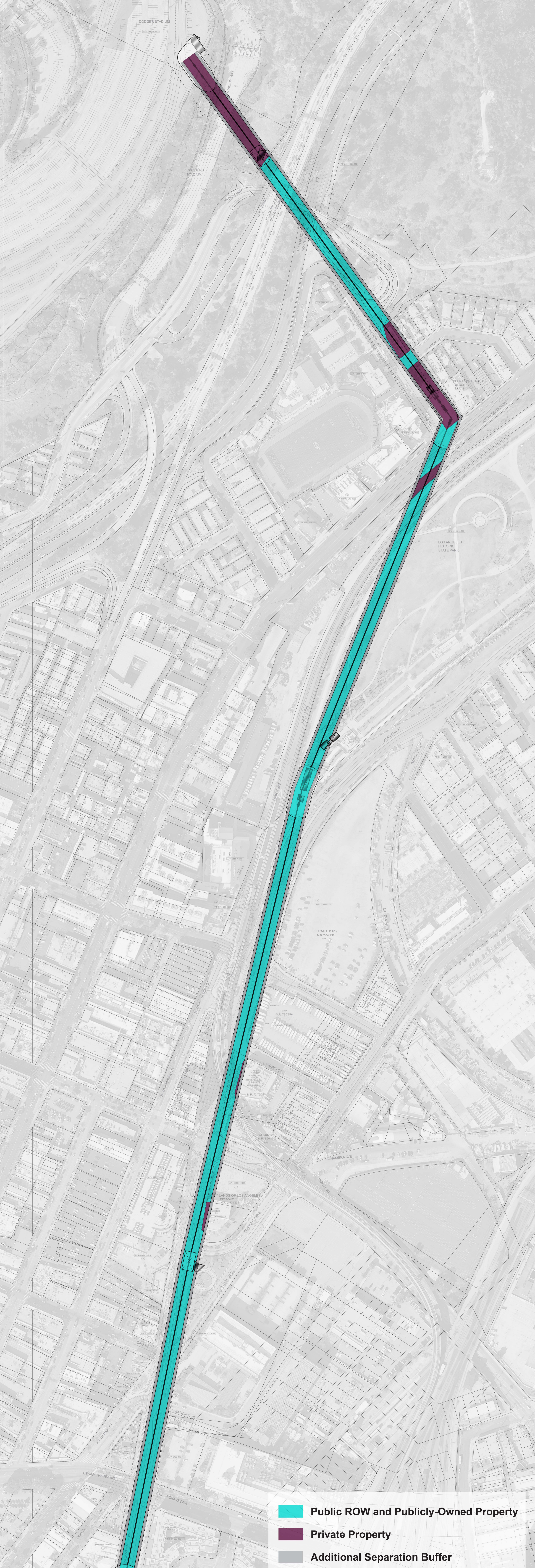
 **ANSI* Required Aerial Rights**

 **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes



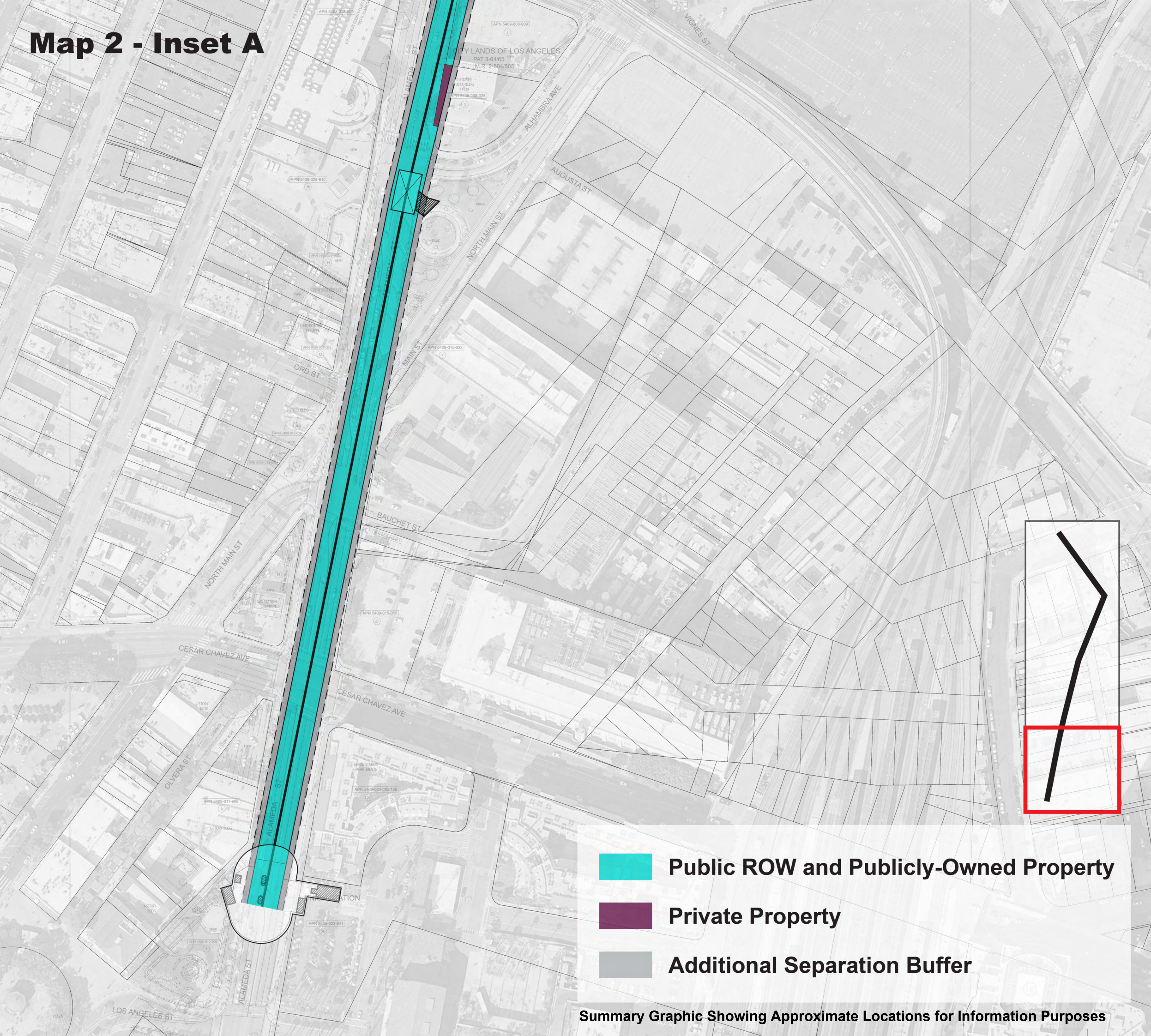
Map 2: Overall Route
ANSI* Requirements and Additional Separation Buffer Along Design Option B
Alignment Depicting Public ROW | Publicly-Owned Property and Private Property



- Public ROW and Publicly-Owned Property
- Private Property
- Additional Separation Buffer

***American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.**

Map 2 - Inset A



-  **Public ROW and Publicly-Owned Property**
-  **Private Property**
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes

Map 2 - Inset B



-  **Public ROW and Publicly-Owned Property**
-  **Private Property**
-  **Additional Separation Buffer**

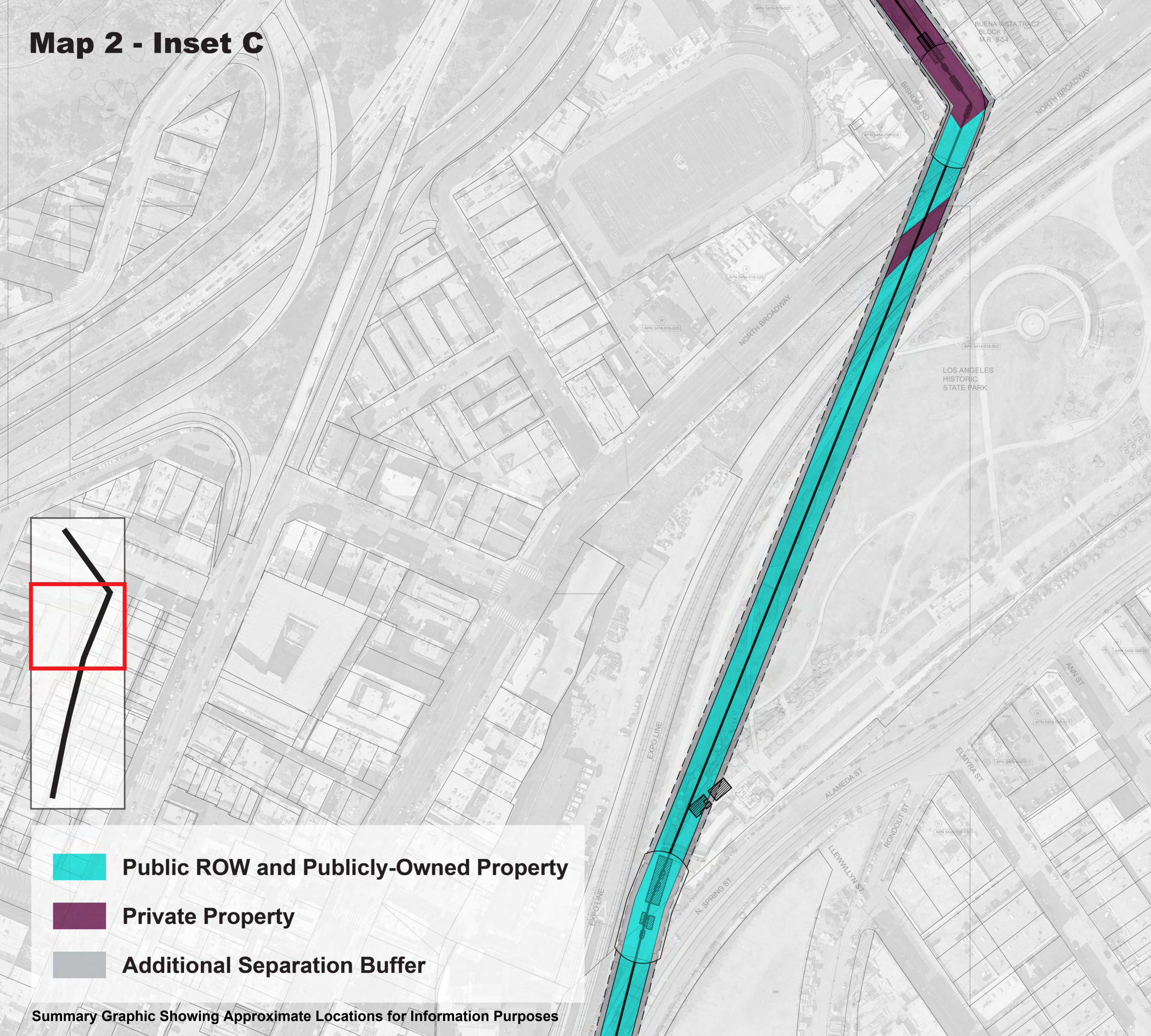
Summary Graphic Showing Approximate Locations for Information Purposes

Map 2 - Inset C



-  **Public ROW and Publicly-Owned Property**
-  **Private Property**
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes



Map 2 - Inset D



Public ROW and Publicly-Owned Property

Private Property

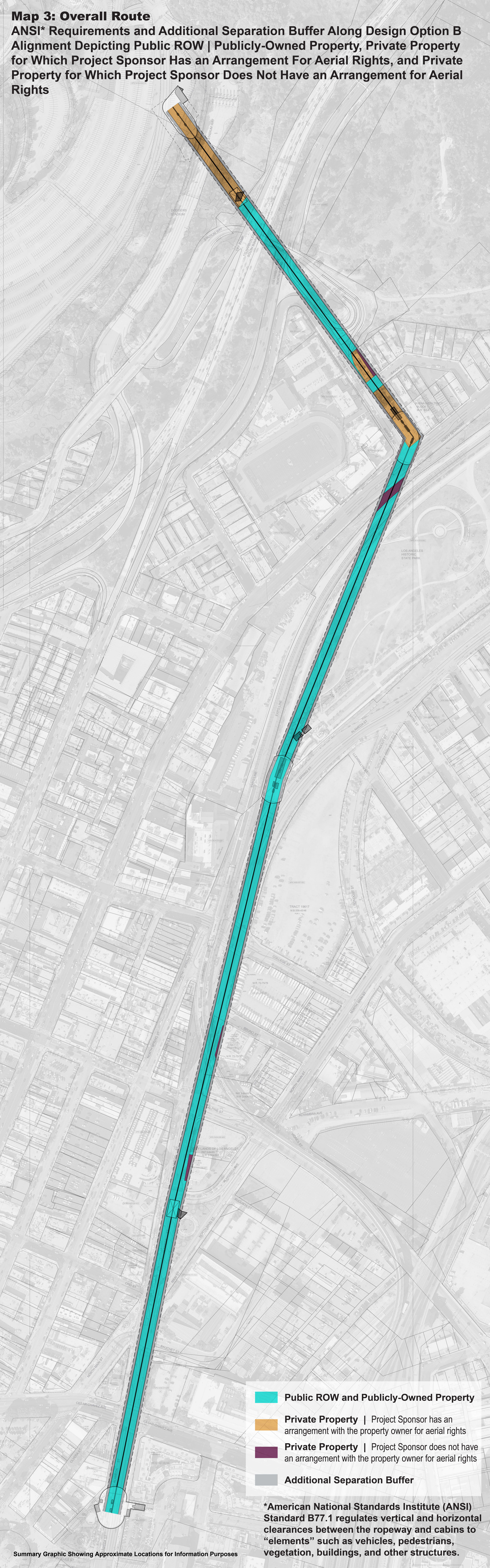
Additional Separation Buffer

Summary Graphic Showing Approximate Locations for Information Purposes



Map 3: Overall Route

ANSI* Requirements and Additional Separation Buffer Along Design Option B Alignment Depicting Public ROW | Publicly-Owned Property, Private Property for Which Project Sponsor Has an Arrangement For Aerial Rights, and Private Property for Which Project Sponsor Does Not Have an Arrangement for Aerial Rights



- Public ROW and Publicly-Owned Property**
- Private Property | Project Sponsor has an arrangement with the property owner for aerial rights**
- Private Property | Project Sponsor does not have an arrangement with the property owner for aerial rights**
- Additional Separation Buffer**

***American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.**

Map 3 - Inset A



-  **Public ROW and Publicly-Owned Property**
-  **Private Property** | Project Sponsor has an arrangement with the property owner for aerial rights
-  **Private Property** | Project Sponsor does not have an arrangement with the property owner for aerial rights
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes

Map 3 - Inset B



-  **Public ROW and Publicly-Owned Property**
-  **Private Property** | Project Sponsor has an arrangement with the property owner for aerial rights
-  **Private Property** | Project Sponsor does not have an arrangement with the property owner for aerial rights
-  **Additional Separation Buffer**

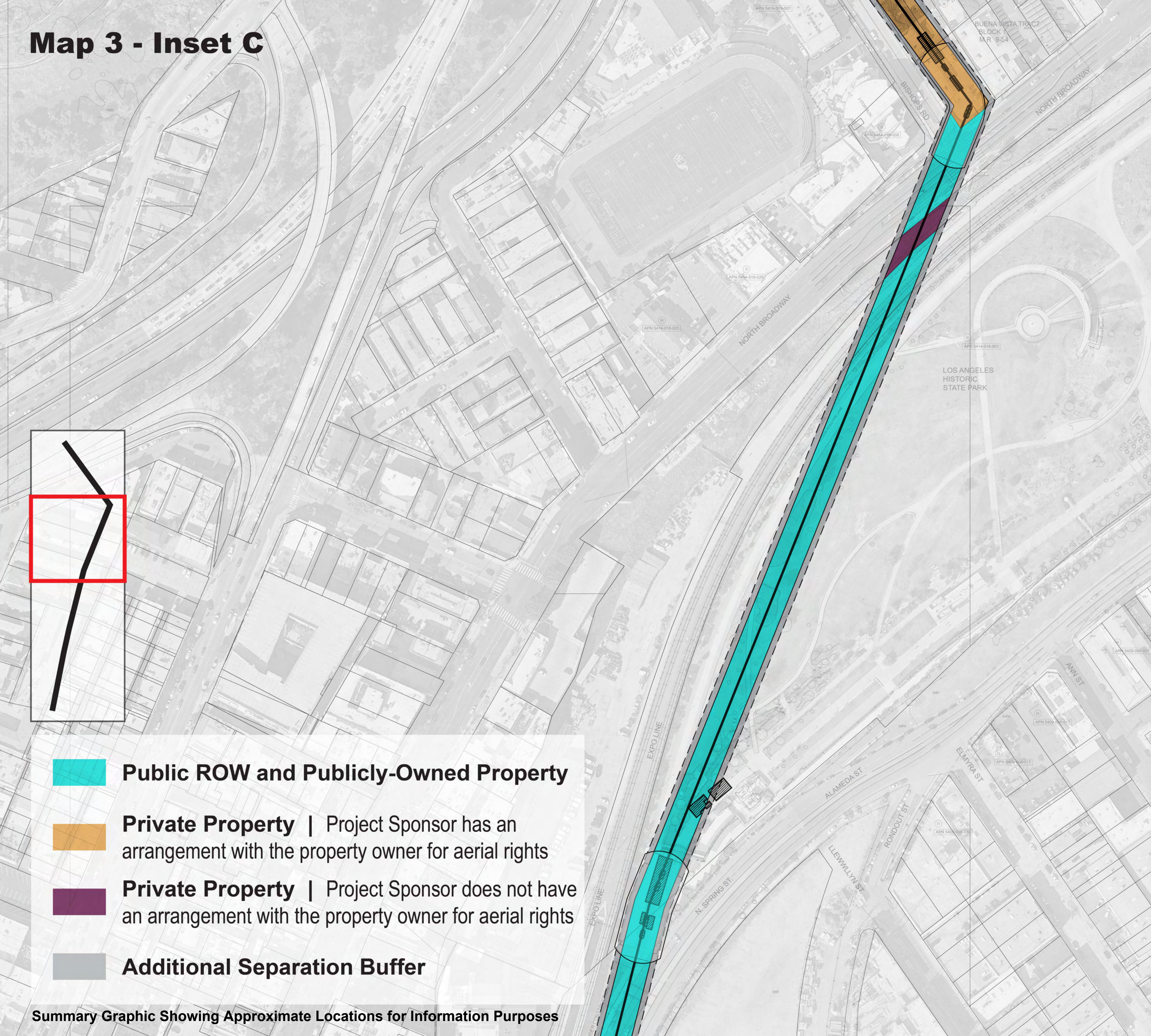
Summary Graphic Showing Approximate Locations for Information Purposes

Map 3 - Inset C



-  **Public ROW and Publicly-Owned Property**
-  **Private Property** | Project Sponsor has an arrangement with the property owner for aerial rights
-  **Private Property** | Project Sponsor does not have an arrangement with the property owner for aerial rights
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes

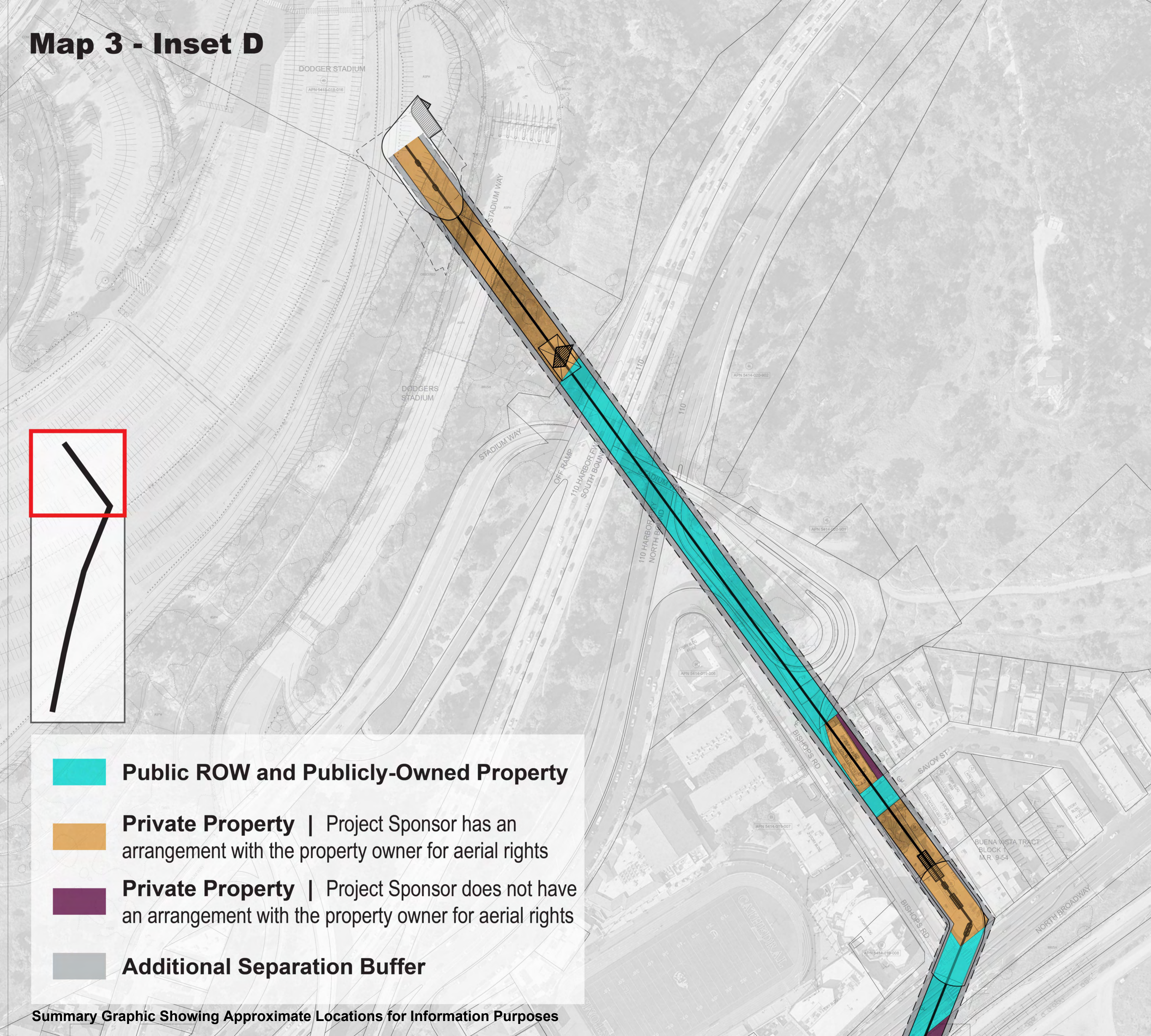


Map 3 - Inset D

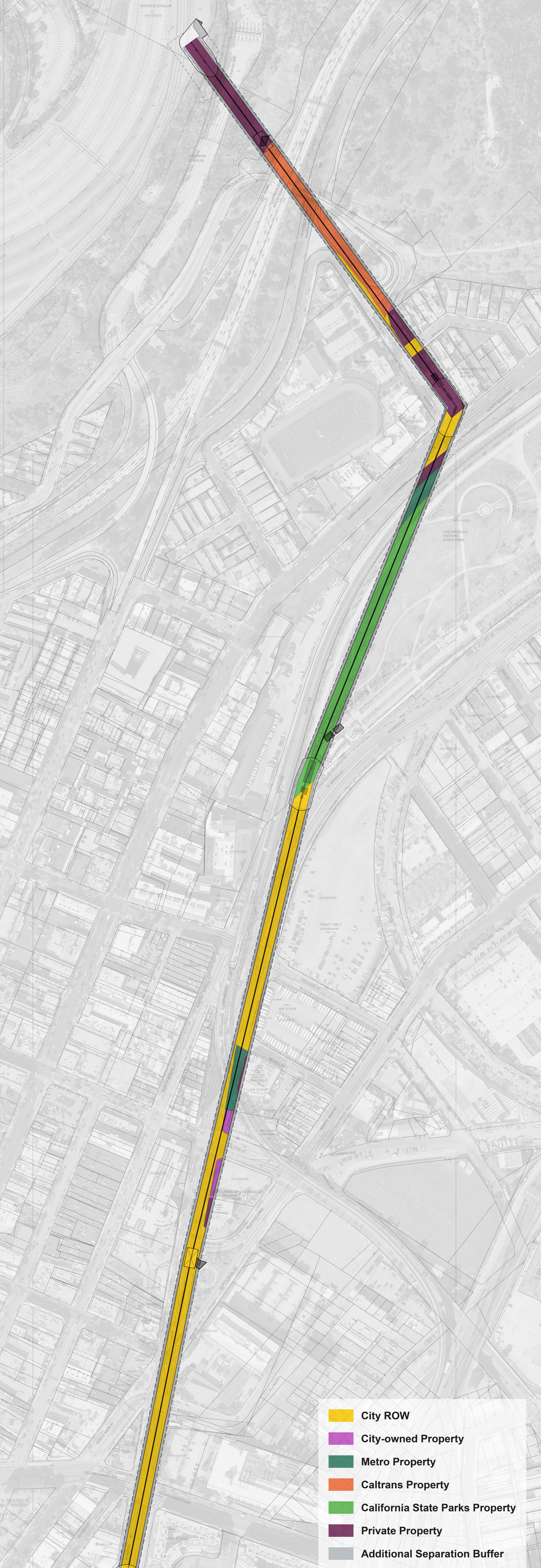


-  **Public ROW and Publicly-Owned Property**
-  **Private Property** | Project Sponsor has an arrangement with the property owner for aerial rights
-  **Private Property** | Project Sponsor does not have an arrangement with the property owner for aerial rights
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes



Map 4: Overall Route
ANSI* Requirements and Additional Separation Buffer Along Design Option B
Alignment Depicting Respective Ownership of Public Property and Private
Property




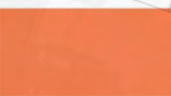


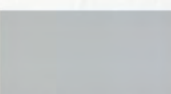


- City ROW**
- City-owned Property**
- Metro Property**
- Caltrans Property**
- California State Parks Property**
- Private Property**
- Additional Separation Buffer**

***American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.**

Map 4 - Inset A



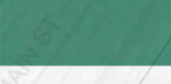





-  **City ROW**
-  **City-owned Property**
-  **Metro Property**
-  **Caltrans Property**
-  **California State Parks Property**
-  **Private Property**
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes

Map 4 - Inset B






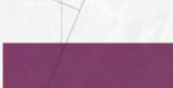



-  **City ROW**
-  **City-owned Property**
-  **Metro Property**
-  **Caltrans Property**
-  **California State Parks Property**
-  **Private Property**
-  **Additional Separation Buffer**

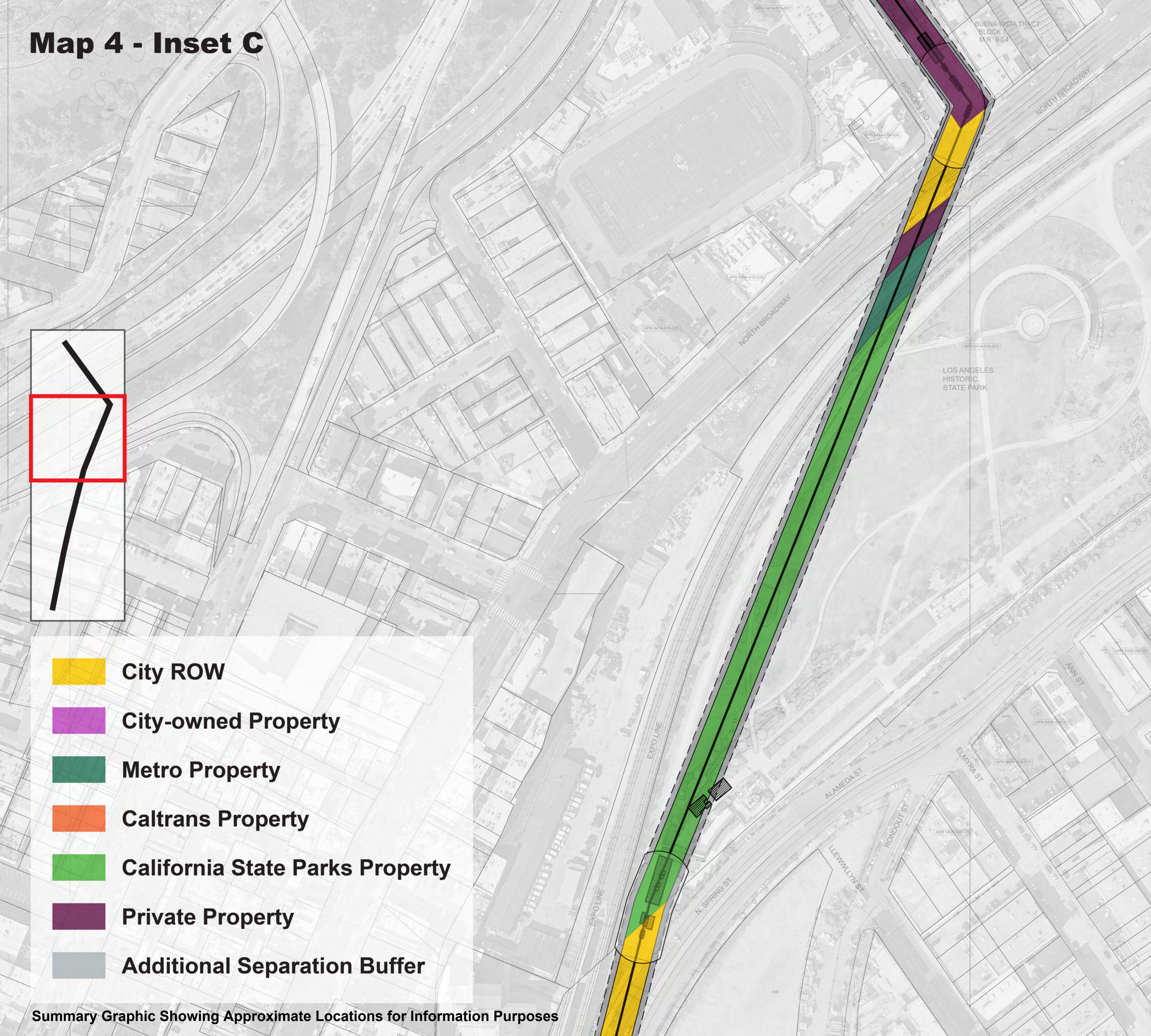
Summary Graphic Showing Approximate Locations for Information Purposes

Map 4 - Inset C









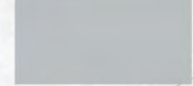
-  **City ROW**
-  **City-owned Property**
-  **Metro Property**
-  **Caltrans Property**
-  **California State Parks Property**
-  **Private Property**
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes

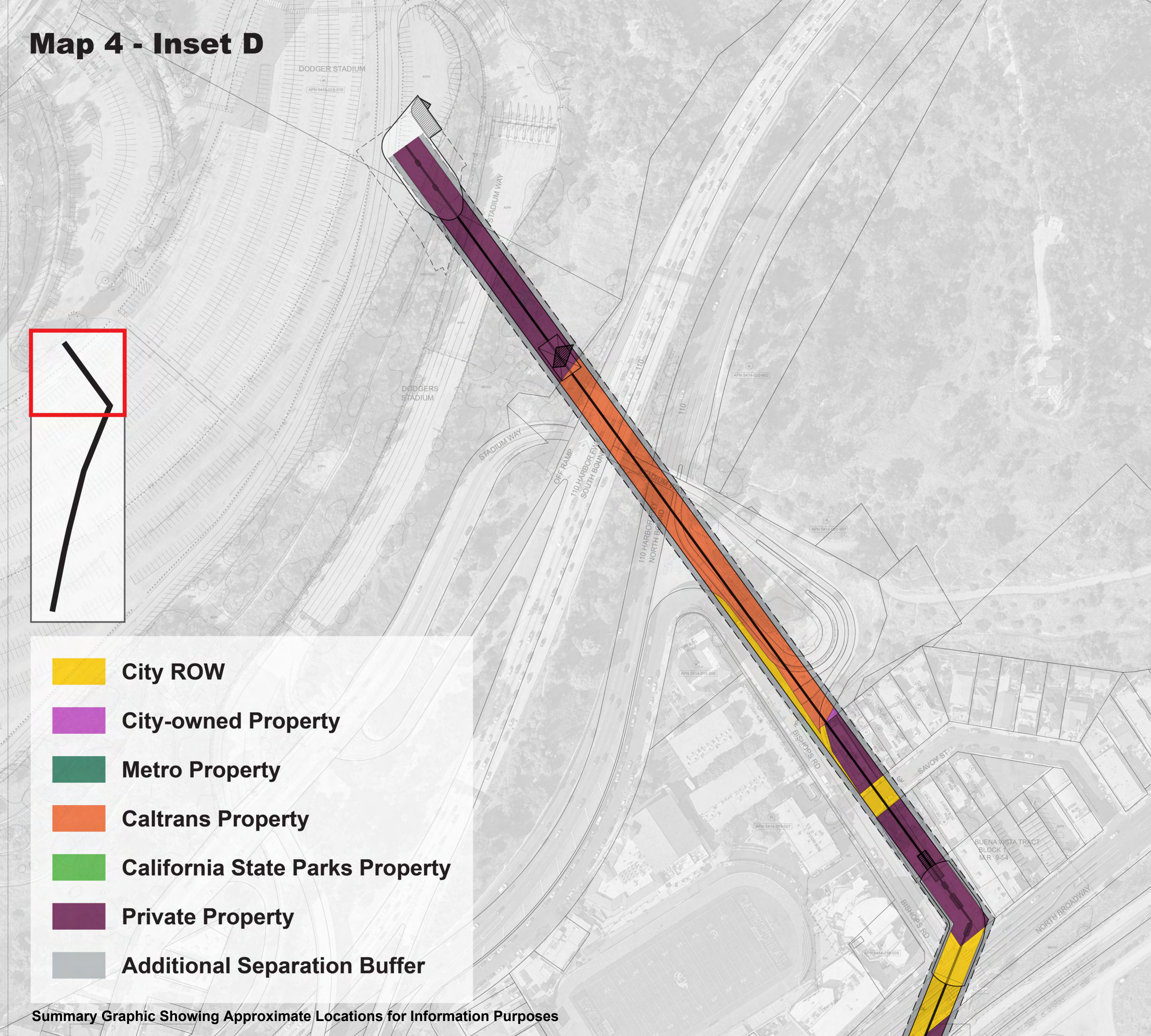


Map 4 - Inset D



-  **City ROW**
-  **City-owned Property**
-  **Metro Property**
-  **Caltrans Property**
-  **California State Parks Property**
-  **Private Property**
-  **Additional Separation Buffer**

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

1028 N. Alameda St

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 1,250 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 196 ft

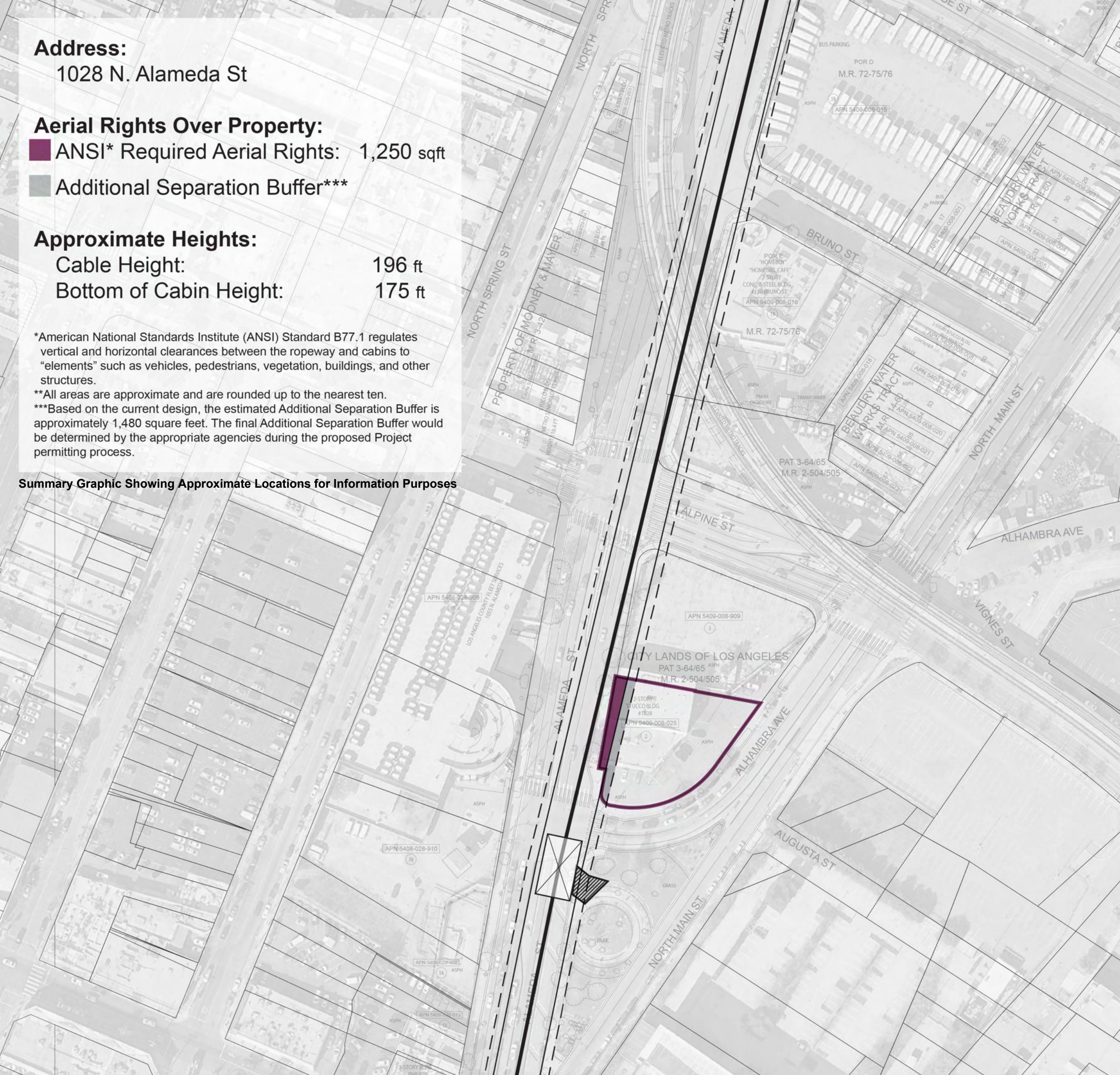
Bottom of Cabin Height: 175 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 1,480 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

903 N. Main St

Aerial Rights Over Property:

ANSI* Required Aerial Rights: 2,510 sqft

Additional Separation Buffer***

Approximate Heights:

Cable Height: 153 ft

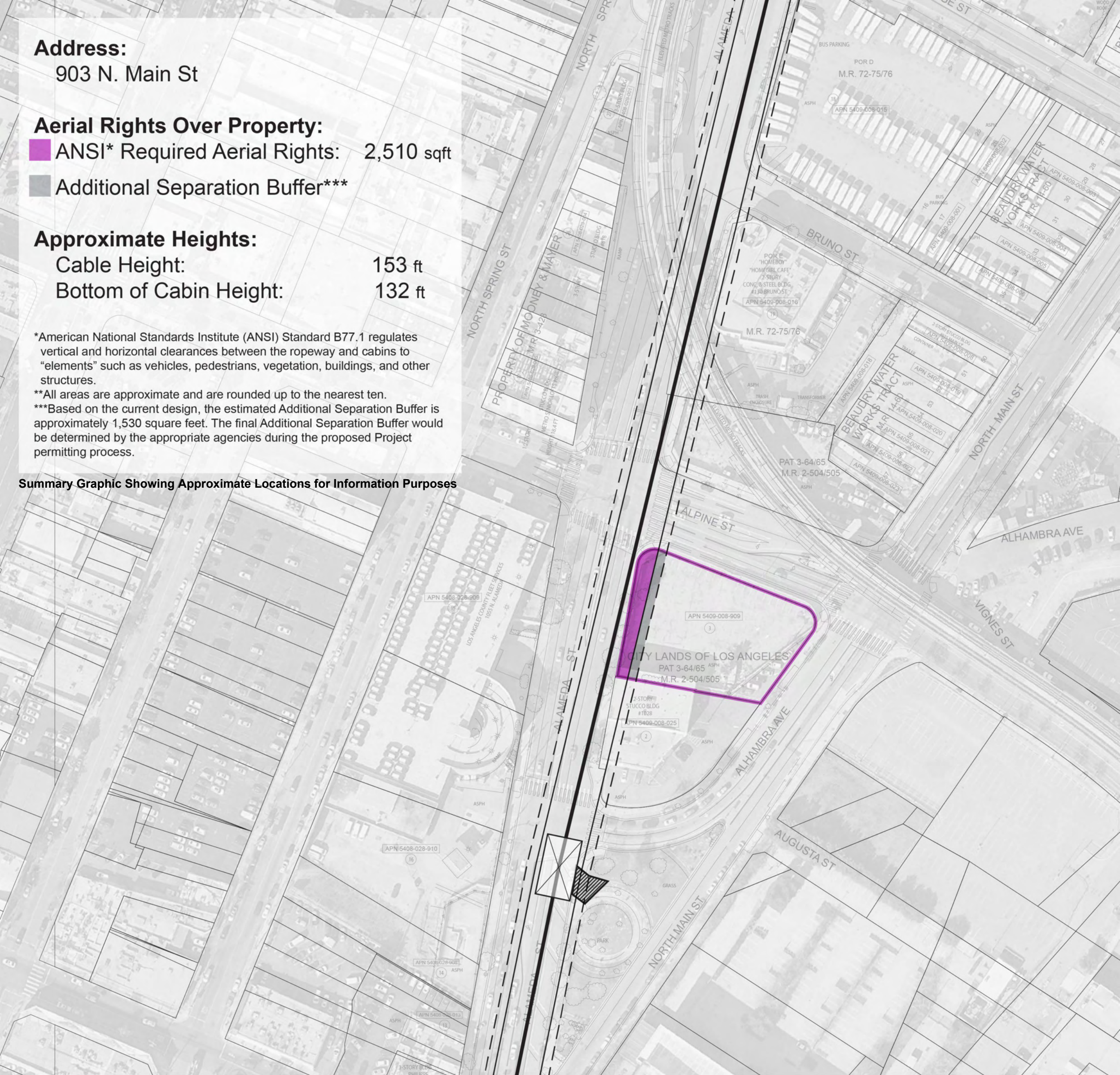
Bottom of Cabin Height: 132 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 1,530 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

901 N. Main St

Aerial Rights Over Property:

ANSI* Required Aerial Rights: 2,430 sqft

Additional Separation Buffer***

Approximate Heights:

Cable Height: 127 ft

Bottom of Cabin Height: 106 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 900 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:
130 Bruno St

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 800 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 153 ft

Bottom of Cabin Height: 132 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 1,520 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:
130 W. College St

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 0 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 71 ft

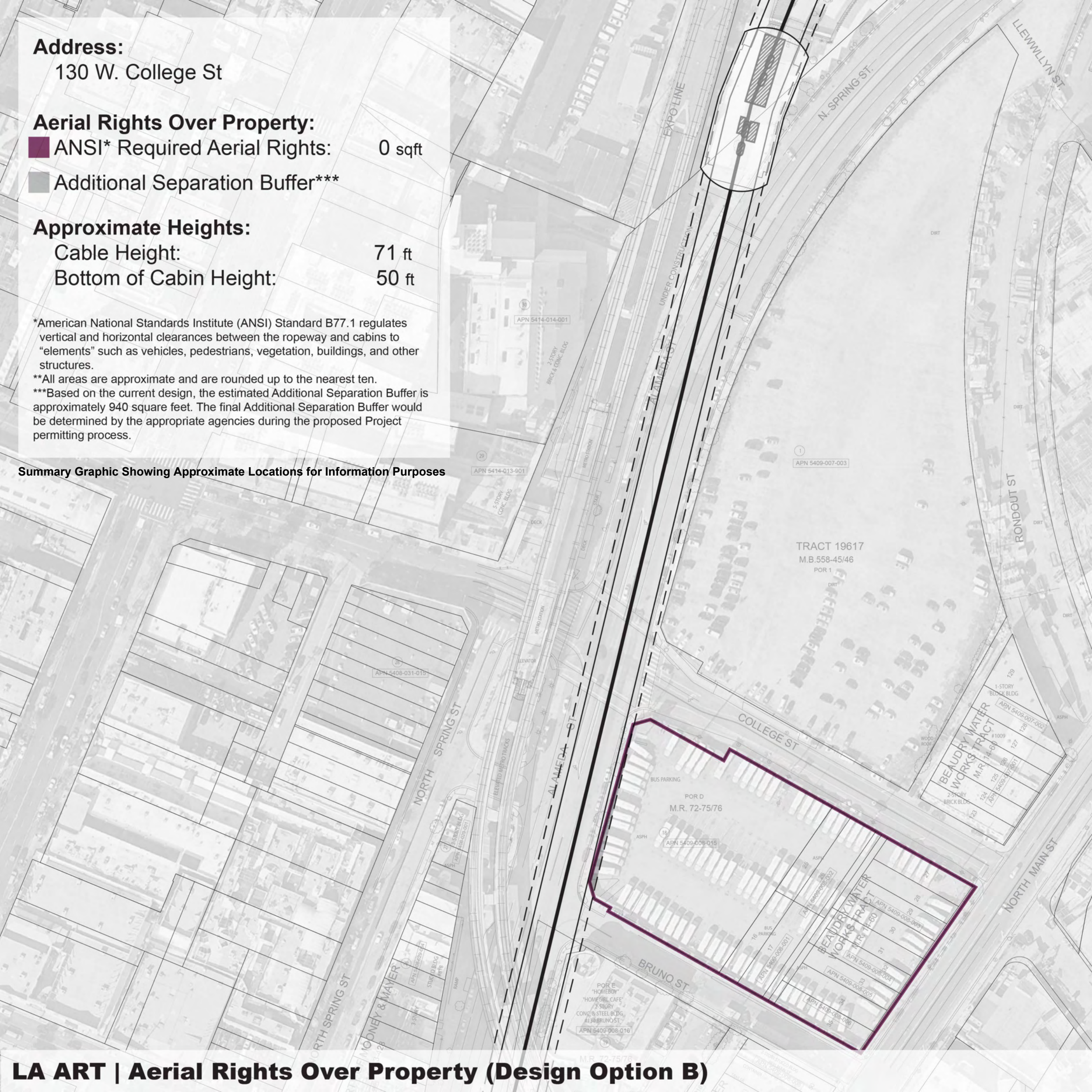
Bottom of Cabin Height: 50 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 940 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

1251 N. Spring St

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 3,730 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 65 ft

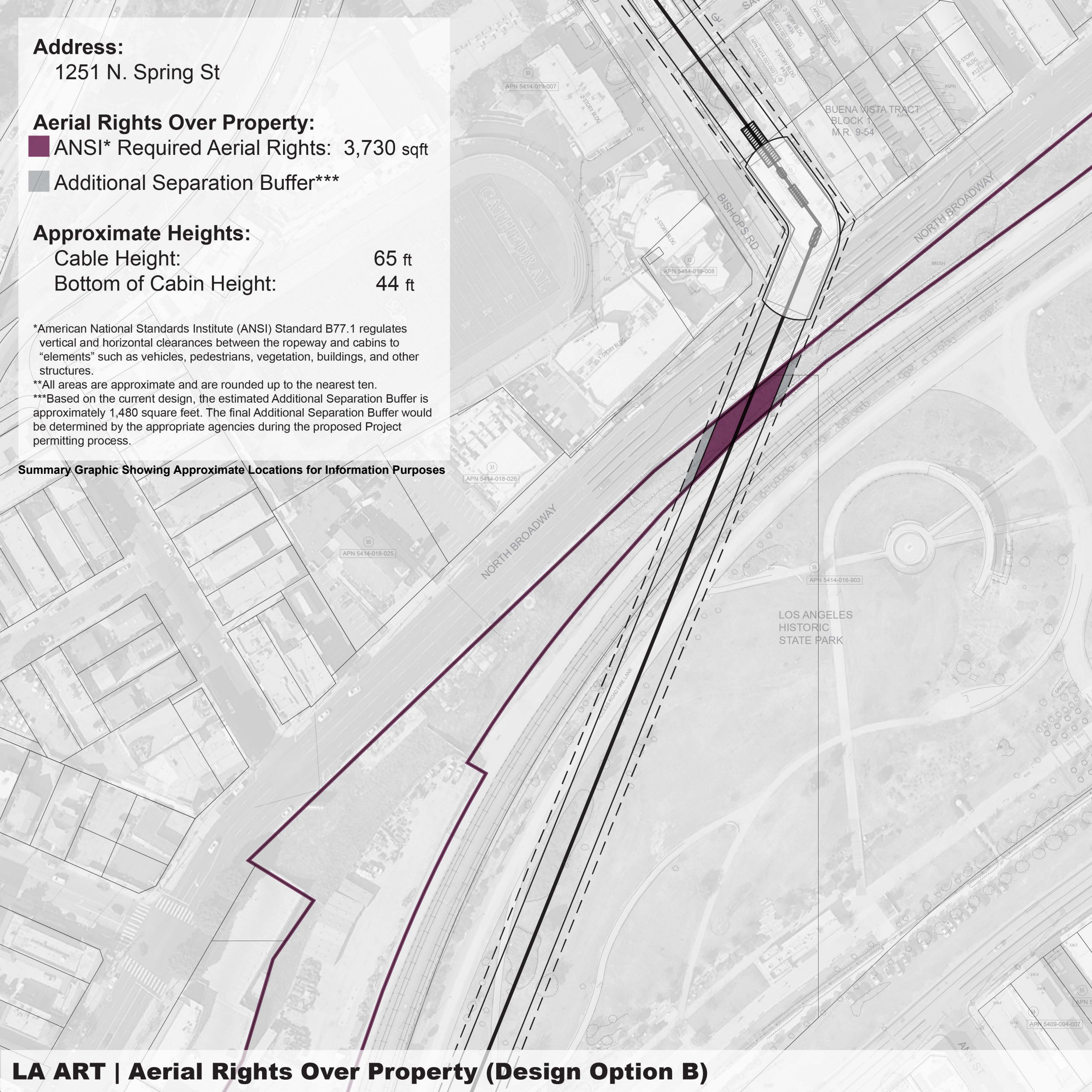
Bottom of Cabin Height: 44 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 1,480 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

1201 N. Broadway^

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 14,570 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 67 ft

Bottom of Cabin Height: 46 ft

Footprint Within Property:

▨ Footprint: 1,460 sqft

Structure Above Within Property:

□ Projected Area: 8,280 sqft

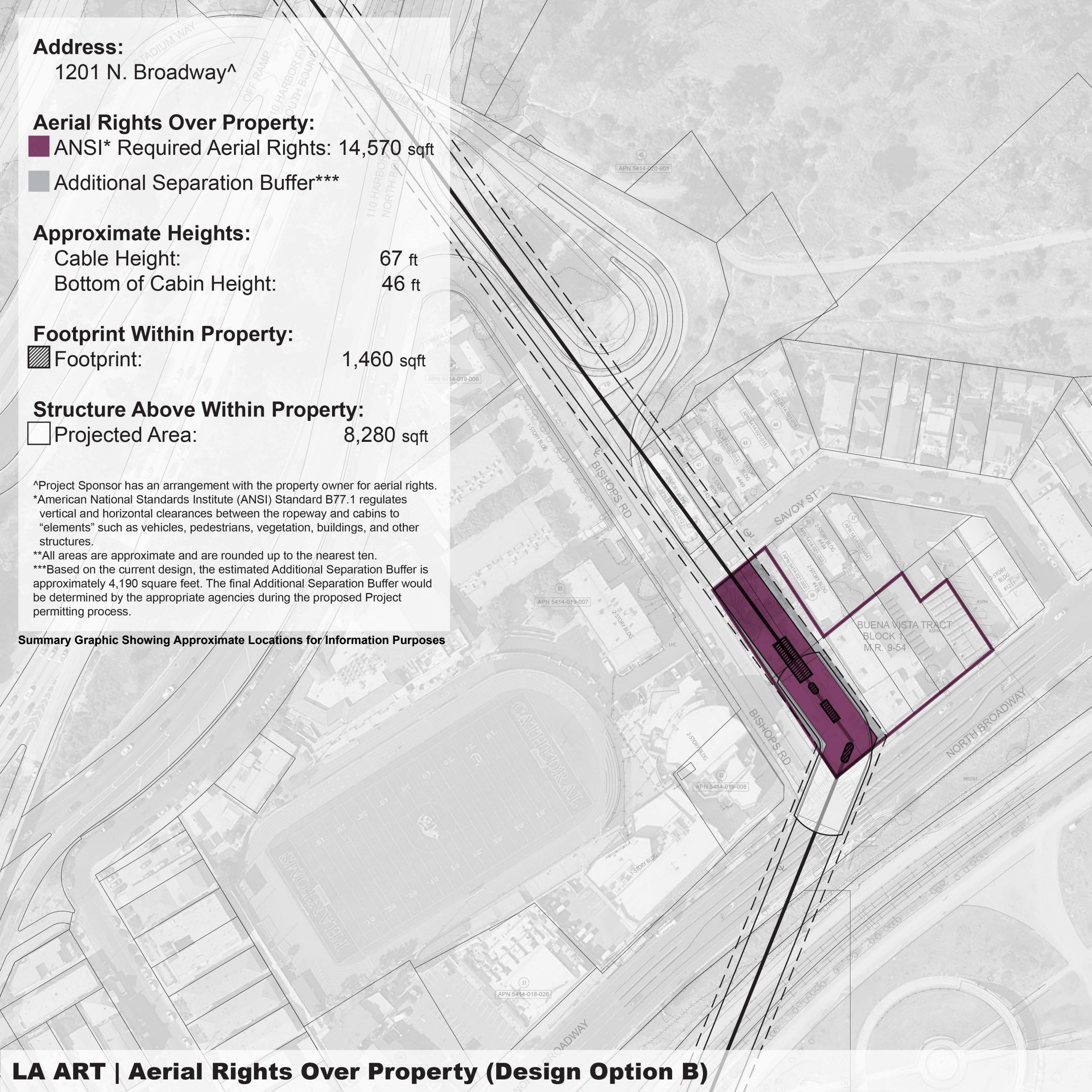
^Project Sponsor has an arrangement with the property owner for aerial rights.

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to "elements" such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 4,190 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:
455 Savoy St[^]

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 4,980 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 70 ft

Bottom of Cabin Height: 49 ft

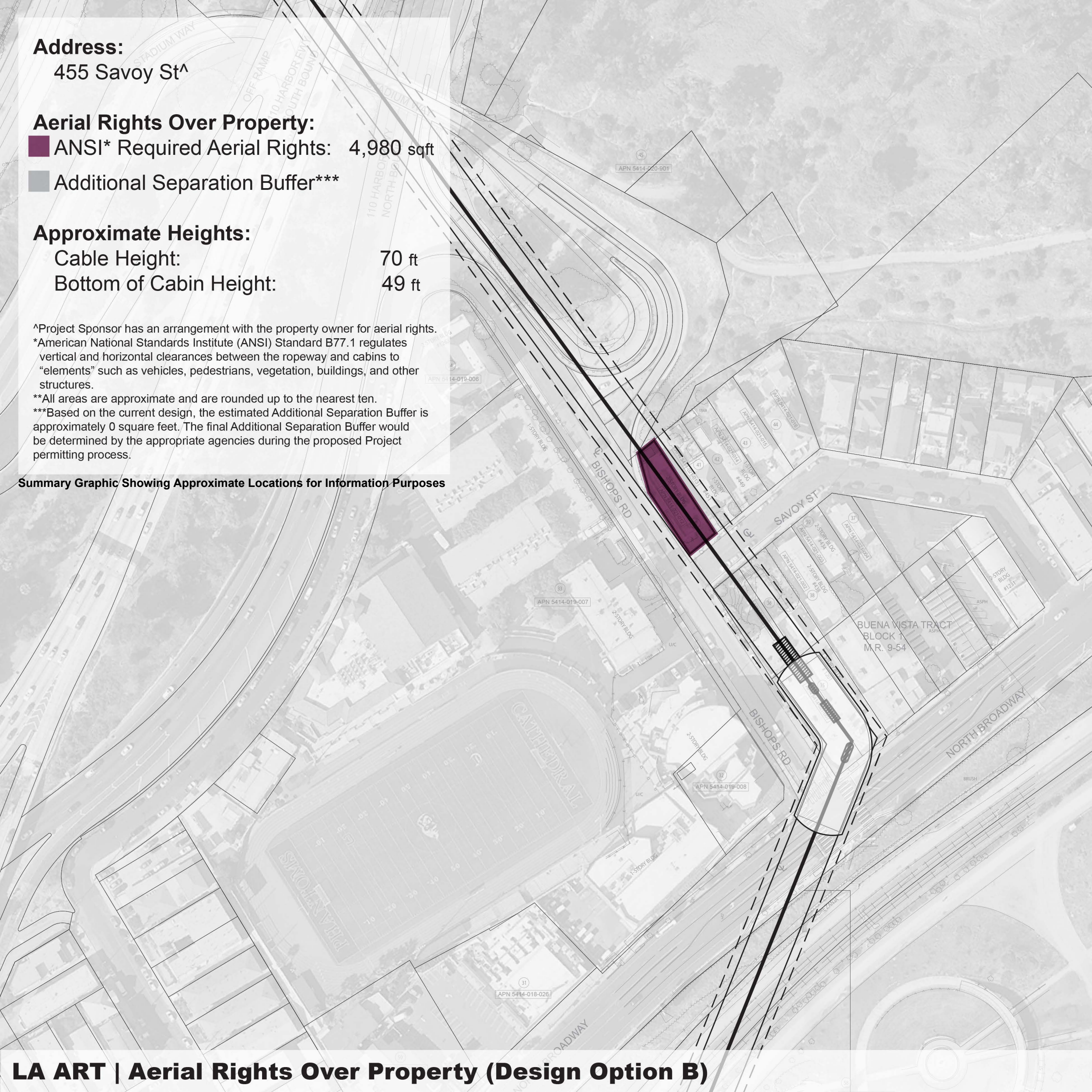
[^]Project Sponsor has an arrangement with the property owner for aerial rights.

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 0 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

451 Savoy St

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 1,170 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 70 ft

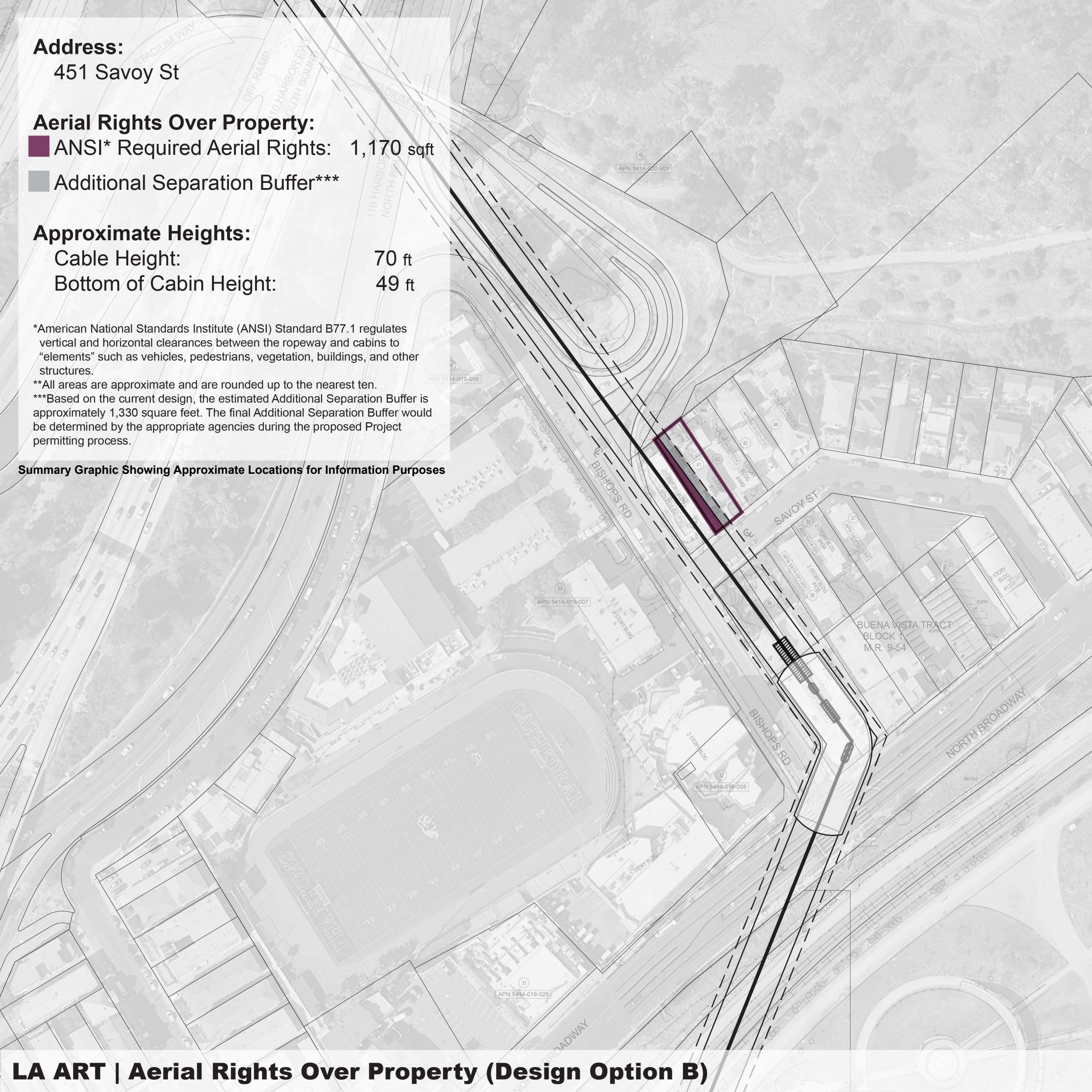
Bottom of Cabin Height: 49 ft

*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 1,330 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

Summary Graphic Showing Approximate Locations for Information Purposes



Address:

1800 W Stadium Way[^]

Aerial Rights Over Property:

■ ANSI* Required Aerial Rights: 25,700 sqft

■ Additional Separation Buffer***

Approximate Heights:

Cable Height: 60 ft

Bottom of Cabin Height: 39 ft

Footprint Within Property:

▨ Total Footprint: 28,640 sqft

Station Footprint: 27,770 sqft

Tower Footprint: 870 sqft

Structure Above Within Property:

□ Total Projected Area: 18,500 sqft

Station Projected Area: 16,020 sqft

Tower Projected Area: 2,480 sqft

Landscape Area Within Property:

□ Footprint: 61,410 sqft

[^]Project Sponsor has an arrangement with the property owner for aerial rights

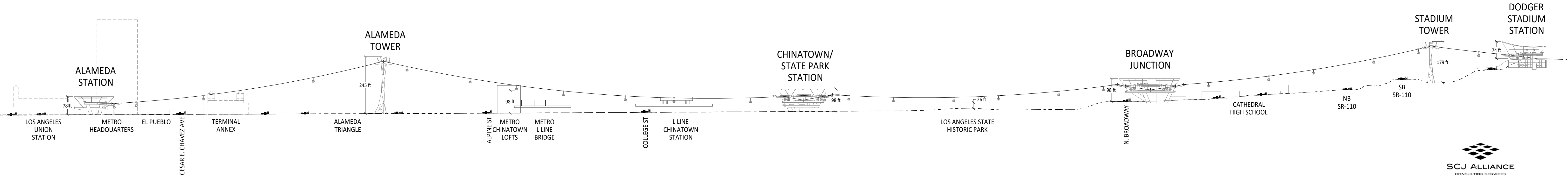
*American National Standards Institute (ANSI) Standard B77.1 regulates vertical and horizontal clearances between the ropeway and cabins to “elements” such as vehicles, pedestrians, vegetation, buildings, and other structures.

**All areas are approximate and are rounded up to the nearest ten.

***Based on the current design, the estimated Additional Separation Buffer is approximately 9,660 square feet. The final Additional Separation Buffer would be determined by the appropriate agencies during the proposed Project permitting process.

****The Landscaped Area adjacent to the Esplanade could also be maintained in its existing condition as parking and/or for vehicle circulation.

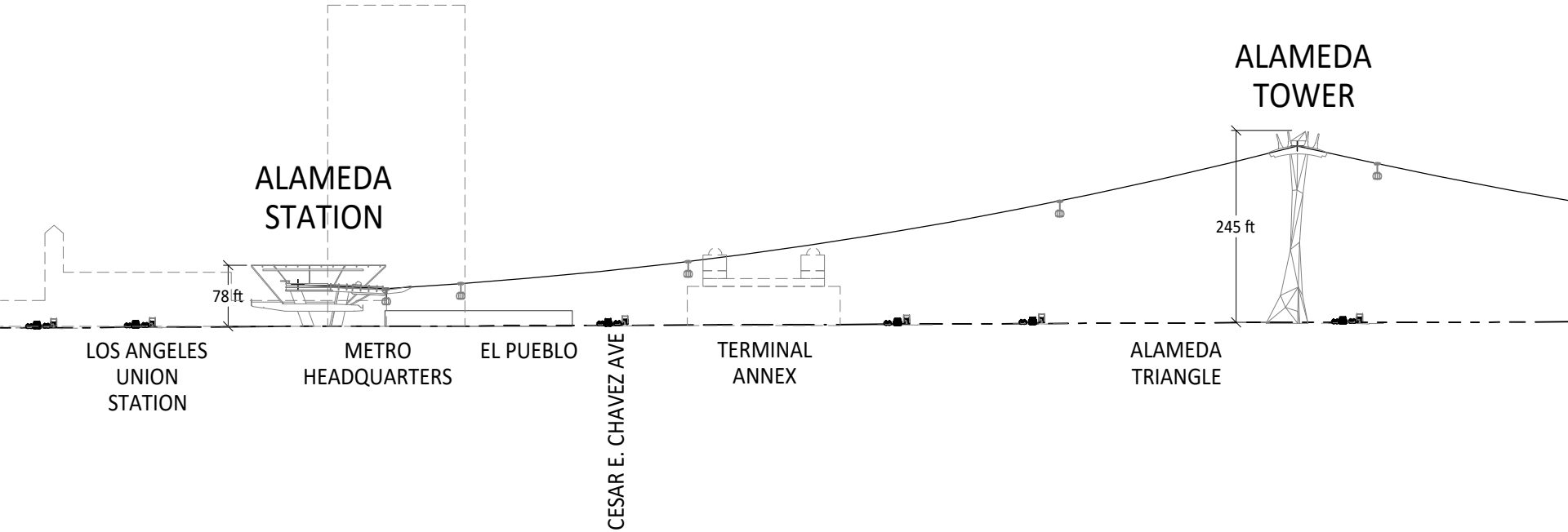
Summary Graphic Showing Approximate Locations for Information Purposes



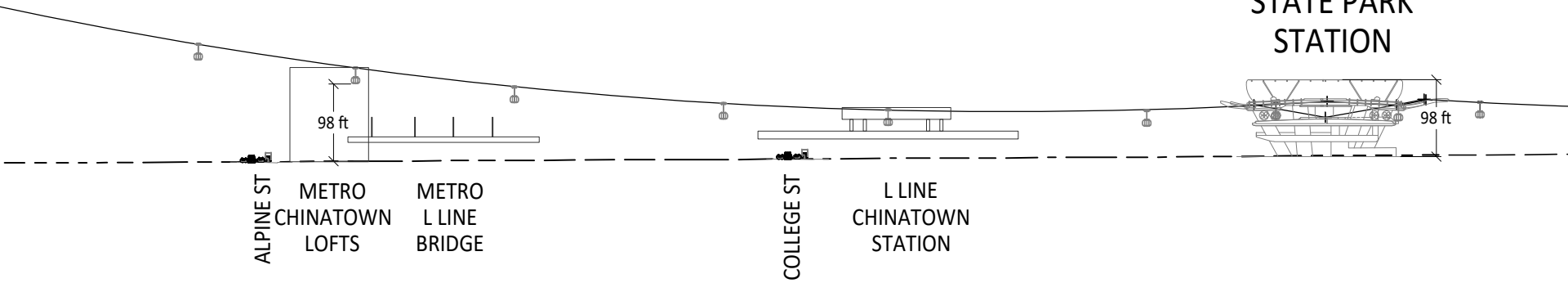
SCALE 1" = 200'

Summary Graphic Showing Approximate Locations for Information Purposes

Alignment Profile - Inset A



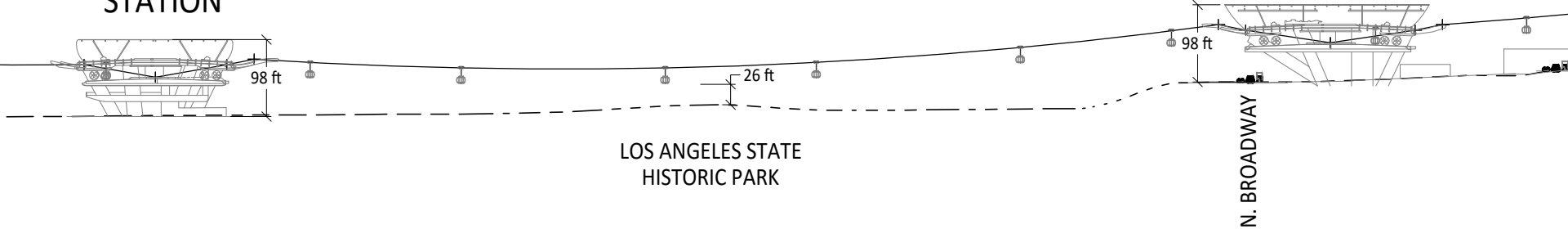
Alignment Profile - Inset B



Alignment Profile - Inset C

CHINATOWN/
STATE PARK
STATION

BROADWAY
JUNCTION



LOS ANGELES STATE
HISTORIC PARK

N. BROADWAY



Alignment Profile - Inset D

