

SMCCCD - College of San Mateo

Appendix O: Pedestrian Signals Access Compliance Survey Report





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NAVIGATION & LEGEND

NAVIGATION

San Mateo College	Access Compliance A	4 5 6 Assessment Report - Pedestrian Sign	7 8 9	10700	0ven Lot
Year Completed Survey Street		Cross Street			Priori
TBD BEETHOVEN LO	T 2 /	BEETHOVEN LO	T/2		TBI
ID Existing Access Barrier and Proposed Solution		Codes / Mitigation Info	Measurements		
202 Clear Floor Space		ADAAG: 4.3.7	Accessible Path	(y/n)	Yes
- As Built Description:	/ /		Clear Floor Space	(y/n)	Yes
As-Built Description:	e 1988 (Sp	ADA 2010: 302.1 /	Clear Floor Slope	(%)	0.8
The cross slope of the floor or ground surface at	the pedestrian	CBC 2016: 11B-302.1	Clear Floor X Slope	(%)	2.6
signal device exceed 1:48 (2%).		PROWAG: R404.2	Button Ht.	(in)	36.0
As-is Measurement: 2.6%		/	Button Reach	(in)	10.0
Proposed Solution:		Unit Cost \$7950.00	Button Diameter	(in)	2.0
	/		Button Pressure	(lbs)	2.0
Modify or repave the ground surface as necessary			Closed Fist Operation	(y/n)	Yes
(s) not exceeding the required 1:48 (2%) maximu	m in any direction.		Visual Contrast	(y/n)	Yes
			Contrasting Color Bands	(y/n)	No
Additional Items:			Vibrotactile Feedback	(y/n)	No
Remount push button to 42" min. and 48" max. her	ight to center of butto	n. Provide 2" wide color coding	Audible Walk Indicator	(y/n)	No
with 1" wide dark borders located directly above c		경기 이렇게 걸었다면 생각이 하시다 아이들이 되었다면 하시아 없어요? 이 이렇게 되었다면 없다.	Button Locator Tone	(v/n)	No
the crosswalk direction on the sign. Provide voice			Tactile Arrow	(y/n)	No
pedestrian signal device. Provide a vibrotactile sign			Within 5 ft from crosswalk	(y/n)	Yes
pushbutton. Provide a button locator tone.		September 1980 Septem	1.5 - 6.0 ft from curb	(y/n)	Yes
			10 ft minimum separation	g,	N/A



Locator Number: 1.

Corresponds to a unique database record tied to the specific pedestrian signal which can be crossreferenced across this database and its corresponding FileMaker Pro database.

As-Built Description:

Description of as-built barrier based on applicable accessibility codes.

Survey Street:

Survey street name.

As-is Measurement:

Existing condition/dimension featured on the signal system measured as the most severe barrier on the particular signal.

Description of steps necessary to remove barrier and, if applicable, an interim solution or notes.

5. **Proposed Solution:** Codes / Info:

- PROWAG: Guidelines to enforce Federal accessibility standards in the public rights-of-way.

- ADAAG/ADA 2010: The Federal Standard for accessibility adopted by the Department of Justice.

- MUTCD - CBC 2016 The FHWA standards for traffic signs, road surface markings, and signals. California Building Code

Unit Cost: 7.

Estimated cost specific solution per one unit. (The final cost of barrier removal may exceed this estimate based on the year of mitigation, design approach and chosen method of mitigation)

Cross Street:

Cross/intersecting street name.

Ped. Signal Features: Measurements:

Features of the pedestrian signal system measured to determine accessibility. Existing condition/dimension determined for each pedestrian signal system.

- (in) measurement in inches

- (%) measurement in percentage grade

- BOLD text indicate non-compliant dimensions.

- Normal text indicate compliant dimensions

11. Priority:

Priority number assigned to specific barrier based on priorization criteria which include: expected frequency of use and severity of the barrier. Measureed on a scale of 0 to 200, with 200 being the highest priority and 0 being the least.

LEGEND ABBREVIATIONS

ADA Americans with Disabilities Act
ADAAG ADA Accessibility Guidelines
CBC California Building Code

E East Fig. Figure

JOB per one job (lump sum)

lbs. Pounds LF Linear foot

MUTCD Manual on Uniform Traffic Control Devices

N North
NE Northeast
NW Northwest

NWn Northwest: North side NWs Northwest: South side

POT Path of travel PROW Public Right-of-Way

PROWAG Public Right-of-Way Accesible Guidelines

Qty Quantity

REF Reference; Provided in locations with over-

lapping issue; indicates no addition cost

required for mitigation

S South
SE Southeast
SF Square foot
SW Southwest
TBD To be determined

W West

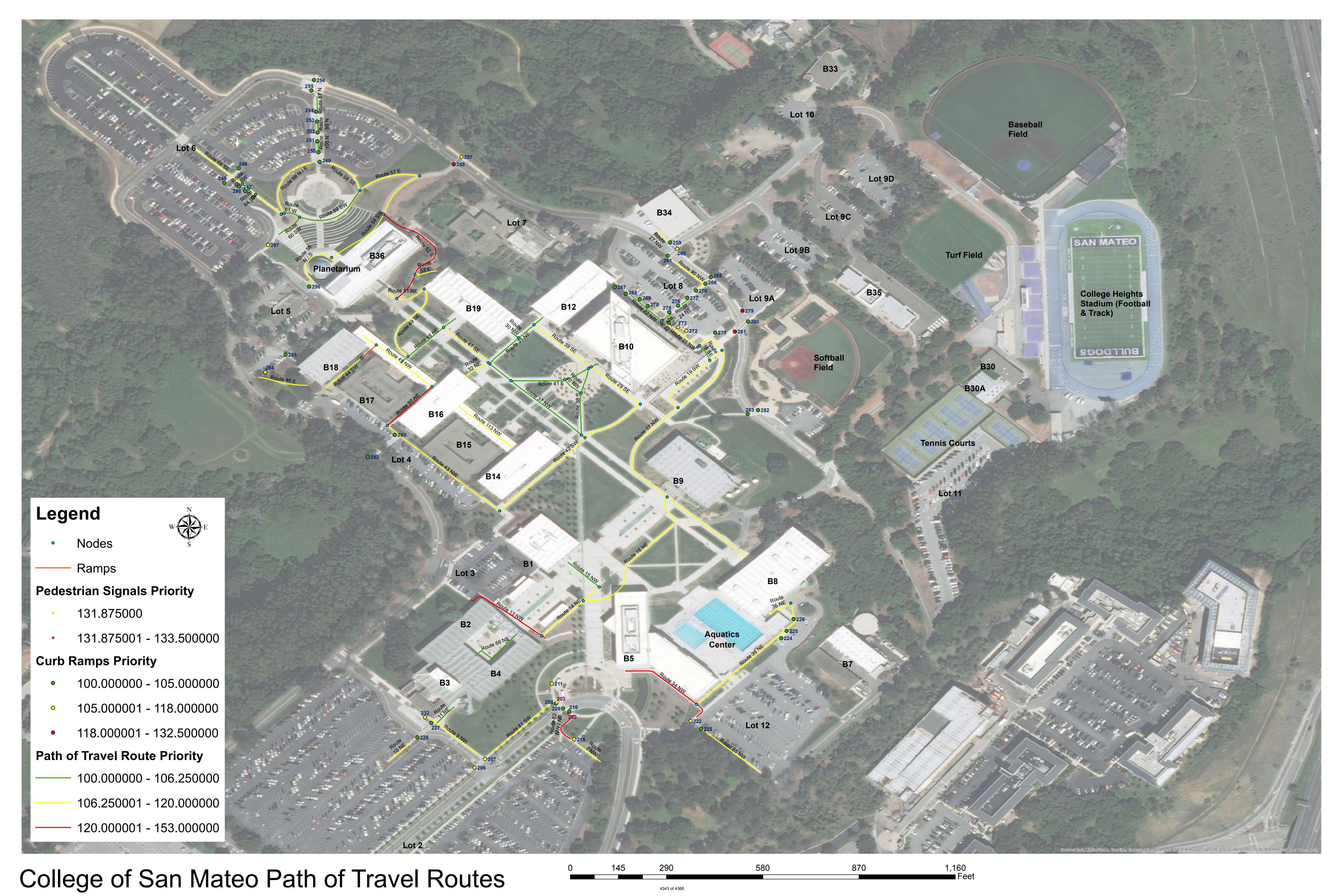


COST SUMMARY

Total Cost for Street:	Beethoven Lot	2	\$14,100.00
Intersection:		Orientation:	
Beethoven Lot 2 and	Beethoven Lot 2		\$14,100.00
	- -	Total Cost for Pedestrian Signals:	\$14,100.00



SURVEY DATA



Year Completed Survey Street

Cross Street

Codes / Mitigation Info

BEETHOVEN LOT 2 TBD **Existing Access Barrier**

BEETHOVEN LOT 2

טו	and Proposed Solution
203	Push Button Reach Range

· As-Built Description:

ID

Where a forward reach is unobstructed, the forward reach is less than 42" or more than 48" above the ground.

36.0" As-is Measurement:

· Proposed Solution:

Reposition the pedestrian signal device to be greater than 42" and less than 48" from the ground.

Additional Items:

ADAAG: 4.2.5 ADA 2010: 308.2.1 CBC 2016: 11B-308.2.1 PROWAG: **R406.2** MUTCD: 4E.08.04F Unit Cost \$6150.00

Priority

131.8

Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide an tactile arrow aligned parallel to the crosswalk direction on the sign. Provide voice or tone audible indication of the WALK interval at the pedestrian signal device. Provide a vibrotactile signal device that is integrated with the pedestrian pushbutton. Provide a button locator tone.





ADAAG: 4.3.7

PROWAG: R404.2

CBC 2016: 11B-302.1

Unit Cost \$7950.00

Priority 133.5

ADA 2010: 302.1

Measurements		
Accessible Path	(y/n)	Yes
Clear Floor Space	(y/n)	Yes
Clear Floor Slope	(%)	8.0
Clear Floor X Slope	(%)	0.6
Button Ht.	(in)	36.0
Button Reach	(in)	10.0
Button Diameter	(in)	2.0
Button Pressure	(lbs)	2.0
Closed Fist Operation	(y/n)	Yes
Visual Contrast	(y/n)	Yes
Contrasting Color Bands	(y/n)	No
Vibrotactile Feedback	(y/n)	No
Audible Walk Indicator	(y/n)	No
Button Locator Tone	(y/n)	No
Tactile Arrow	(y/n)	No
Within 5 ft from crosswalk	(y/n)	Yes
1.5 - 6.0 ft from curb	(y/n)	Yes
10 ft minimum separation		N/A

Measurements

Clear Floor Space 202

· As-Built Description:

The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%).

As-is Measurement:

· Proposed Solution:

Modify or repave the ground surface as necessary to provide slope (s) not exceeding the required 1:48 (2%) maximum in any direction.

2.6%

· Additional Items:

Remount push button to 42" min. and 48" max. height to center of button. Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide an tactile arrow aligned parallel to the crosswalk direction on the sign. Provide voice or tone audible indication of the WALK interval at the pedestrian signal device. Provide a vibrotactile signal device that is integrated with the pedestrian pushbutton. Provide a button locator tone.





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Clear Floor Slope	(%)	8.0
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Contrasting Color Bands	(y/n)	No
Vibrotactile Feedback	(y/n)	No
Audible Walk Indicator	(y/n)	No
Button Locator Tone	(y/n)	No
Tactile Arrow	(y/n)	No
Within 5 ft from crosswalk	(y/n)	Yes
1.5 - 6.0 ft from curb	(y/n)	Yes
10 ft minimum separation		N/A

Total Costs for Pedestrian Signals at: Beethoven Lot 2 and Beethoven Lot 2

\$14,100.00

College of San Mateo		Access Compliance Assessment Report - Pedestrian Signals Beethoven Lo	Beethoven Lot 2	
Year Completed	Survey Street	Cross Street		
TBD	BEETHOVEN LO	T 2 BEETHOVEN LOT 2		

ID Existing Access Barrier and Proposed Solution Codes / Mitigation Info Measurements

Total Cost for Street: Beethoven Lot 2 \$14,100.00

Total Cost for Pedestrian Signals: \$14,100.00

Prepared by Sally Swanson Architects, Inc. Project # 19029