



City of Chowchilla

Pedestrian Signals

Access Compliance Survey Report

DRAFT

TABLE OF CONTENTS

- I. Access Compliance Assessment Report
 - i. Report Navigation and Legend Abbreviations
 - ii. Cost Summary
- II. Survey Data for Pedestrian Signals
 - i. Survey Data



NAVIGATION & LEGEND

NAVIGATION

1 2

3 4 5 6 7

8 9 10 11 12

City of Chowchilla

Access Compliance Assessment Report - Pedestrian Signals

15th St

Survey Street

15TH ST

ID Orientation

Existing Access Barrier and Proposed Solution

4 SSE

Clear Floor Space

• As-Built Description:

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

• As-is Measurement:

2.8%

• 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.

• Additional Items:

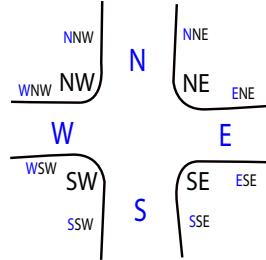
Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a tactile arrow aligned parallel to the crosswalk direction on the sign. Provide voice or tone audible indication of the WALK interval at the pedestrian signal device. Integrate the vibrotactile signal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



- 1. Locator Number:** Corresponds to a unique database record tied to the specific pedestrian signal which can be crossreferenced across this database and its corresponding FileMaker Pro and GIS databases.
- 2. Orientation:** Corresponds to the specific corner/pedestrian signal in any given intersection, unique to each corner:
 - NW, SW, SE, and NE are the most commonly used directions;
 - NNE, ENE, ESE, SSE, SSW, WSW, WNW, and NNW identify individual pedestrian signal system in situations involving multiple signal systems at one corner;
 - I-NW, I-NE, I-SW, I-SE, etc, identify pedestrian signal systems located on medians and pedestrian refuge island.
- 3. Survey Street:** Survey street name.
- 4. As-Built Description:** Description of as-built barrier based on applicable accessibility codes.
- 5. As-is Measurement:** Existing condition/dimension featured on the signal system measured as the most severe barrier on the particular signal.
- 6. Proposed Solution:** Description of steps necessary to remove barrier and, if applicable, an interim solution or notes.
- 7. Cross Street :** Cross/intersecting street name.
- 8. 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: The FHWA standards for traffic signs, road surface markings, and signals.
 - CBC 2016: California Building Code
- 9. Unit Cost:** 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)
- 10. Priority:** Priority number assigned to specific barrier based on prioritization criteria which include: expected frequency of use and severity of the barrier. Measured on a scale of 0 to 200, with 200 being the highest priority and 0 being the least.
- 11. Ped. Signal Features:** Features of the pedestrian signal system measured to determine accessibility.
- 12. Measurements:** 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

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) |
| Ibs. | 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 Accessible Guidelines |
| Qty | Quantity |
| REF | Reference; Provided in locations with overlapping issue; indicates no additional 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: 11th St | \$50,250.00 |
|---------------------------------------|--------------------|

| | | |
|-----------------------------------|--------------|--------------------|
| Intersection: | Orientation: | |
| 11th St and Robertson Blvd | | \$50,250.00 |
| 25 | E | \$7,950.00 |
| 31 | N | \$6,150.00 |
| 30 | NW | \$7,950.00 |
| 27 | S | \$6,150.00 |
| 26 | SE | \$7,950.00 |
| 28 | SW | \$6,150.00 |
| 29 | W | \$7,950.00 |

| | |
|---------------------------------------|--------------------|
| Total Cost for Street: 15th St | \$61,800.00 |
|---------------------------------------|--------------------|

| | | |
|-----------------------------------|--------------|--------------------|
| Intersection: | Orientation: | |
| 15th St and Robertson Blvd | | \$61,800.00 |
| 2 | ENE | \$7,950.00 |
| 3 | ESE | \$7,950.00 |
| 1 | NNE | \$6,150.00 |
| 8 | NNW | \$7,950.00 |
| 4 | SSE | \$7,950.00 |
| 5 | SSW | \$7,950.00 |
| 7 | WNW | \$7,950.00 |
| 6 | WSW | \$7,950.00 |

| | |
|--------------------------------------|--------------------|
| Total Cost for Street: 5th St | \$21,840.00 |
|--------------------------------------|--------------------|

| | | |
|----------------------------------|--------------|--------------------|
| Intersection: | Orientation: | |
| 5th St and Robertson Blvd | | \$21,840.00 |
| 23 | E | \$2,730.00 |
| 21 | N | \$2,730.00 |
| 22 | NE | \$2,730.00 |
| 20 | NW | \$2,730.00 |
| 18 | S | \$2,730.00 |
| 24 | SE | \$2,730.00 |
| 17 | SSE | \$2,730.00 |
| 19 | W | \$2,730.00 |

| | |
|---|--------------------|
| Total Cost for Street: Chowchilla Blvd | \$54,600.00 |
|---|--------------------|

| | | |
|---|--------------|--------------------|
| Intersection: | Orientation: | |
| Chowchilla Blvd and Robertson Blvd | | \$54,600.00 |
| 12 | E | \$6,150.00 |
| 14 | N | \$7,950.00 |
| 13 | NE | \$7,950.00 |
| 15 | NW | \$7,950.00 |
| 9 | S | \$6,150.00 |
| 11 | SE | \$6,150.00 |
| 10 | SW | \$6,150.00 |
| 16 | W | \$6,150.00 |

Total Cost for County Pedestrian Signals:**\$188,490.00**



SURVEY DATA

Survey Street

Cross Street

ROBERTSON BLVD

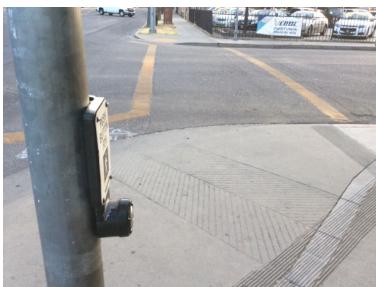
| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|----|-------------|--|---|--|
| 25 | E | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.3 Clear Floor X Slope (%) 2.2 |
| | | As-Built Description: The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 2.2% | | 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 |
| | | 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. | Unit Cost \$7950.00 Priority TBD | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation N/A |
| | | Additional Items: Remount push button to between 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 a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | |
| | | | | |
| 31 | N | <u>Push Button Reach Range</u> | ADAAG: 4.2.5 ADA 2010: 308.2.1 CBC 2016: 11B-308.2.1 PROWAG: R406.2 MUTCD: 4E.08.04F | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 1.9 Clear Floor X Slope (%) 0.8 |
| | | As-Built Description: Where a forward reach is unobstructed, the forward reach is less than 42" or more than 48" above the ground. | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 36.0" | | 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 |
| | | Proposed Solution: Reposition the pedestrian signal device to be greater than 42" and less than 48" from the ground. | Unit Cost \$6150.00 Priority TBD | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation N/A |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | |
| | | | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|-------------------------------------|-------------|---|--|---|
| 30 | NW | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.8 Clear Floor X Slope (%) 3.8 |
| | | As-Built Description: The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 3.8% | Unit Cost \$7950.00 | Contrasting Color Bands (y/n) No |
| | | 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. | Priority TBD | Vibrotactile Feedback (y/n) No Audible Walk Indicator (y/n) No Button Locator Tone (y/n) No Tactile Arrow (y/n) No |
| | | Additional Items: Remount push button to between 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 a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| 27 S <u>Push Button Reach Range</u> | | ADAAG: 4.2.5 ADA 2010: 308.2.1 CBC 2016: 11B-308.2.1 PROWAG: R406.2 | Unit Cost \$6150.00 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.5 Clear Floor X Slope (%) 2.0 |
| | | As-Built Description: Where a forward reach is unobstructed, the forward reach is less than 42" or more than 48" above the ground. | Priority TBD | Button Ht. (in) 36.0 Button Reach (in) 6.0 Button Diameter (in) 0.5 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 36.0" | | Contrasting Color Bands (y/n) No |
| | | Proposed Solution: Reposition the pedestrian signal device to be greater than 42" and less than 48" from the ground. | | Vibrotactile Feedback (y/n) No Audible Walk Indicator (y/n) No Button Locator Tone (y/n) No Tactile Arrow (y/n) No |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a tactile arrow aligned parallel to the crosswalk direction on the sign. Relocate the pedestrian signal device to be at least or greater than 10' from other pedestrian signal devices. Provide voice or tone audible indication of the WALK interval at the pedestrian signal device. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation <10ft |
| | | | | |



Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|---|-------------|---|---|--|
| 26 | SE | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 3.5 Clear Floor X Slope (%) 0.5 |
| | | As-Built Description: The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 36.0 Button Reach (in) 5.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 3.5% | Unit Cost \$7950.00 | 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 |
| | | 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. | Priority TBD | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation <10ft |
| | | Additional Items: Remount push button to between 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 a tactile arrow aligned parallel to the crosswalk direction on the sign. Relocate the pedestrian signal device to be at least or greater than 10' from other pedestrian signal devices. Provide voice or tone audible indication of the WALK interval at the pedestrian signal device. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | |
|  | |  | | |
| 28 | SW | <u>Push Button Reach Range</u> | ADAAG: 4.2.5 ADA 2010: 308.2.1 CBC 2016: 11B-308.2.1 PROWAG: R406.2 MUTCD: 4E.08.04F | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.5 Clear Floor X Slope (%) 2.0 |
| | | As-Built Description: Where a forward reach is unobstructed, the forward reach is less than 42" or more than 48" above the ground. | Unit Cost \$6150.00 | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 36.0" | Priority TBD | 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 |
| | | Proposed Solution: Reposition the pedestrian signal device to be greater than 42" and less than 48" from the ground. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | |
|  | |  | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|--|-------------|--|--|--|
| 29 | W | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 4.7 Clear Floor X Slope (%) 2.4 |
| • As-is Measurement: | | 4.7% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$7950.00 Priority TBD | 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 |
| • Additional Items: | | Remount push button to between 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 a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|   | | | | |

Total Costs for Pedestrian Signals at: 11th St and Robertson Blvd

\$50,250.00

Total Cost for Street:

11th St

\$50,250.00

Survey Street

15TH ST

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|---|-------------|--|---|---|
| 2 | ENE | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.2 Clear Floor X Slope (%) 3.1 |
| | | As-Built Description: The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 46.0 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 5.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) Yes |
| | | As-is Measurement: 3.1% | Unit Cost \$7950.00 | Contrasting Color Bands (y/n) No |
| | | 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. | Priority TBD | Vibrotactile Feedback (y/n) No Audible Walk Indicator (y/n) No Button Locator Tone (y/n) No Tactile Arrow (y/n) No |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|  | |  | | |
| 3 | ESE | <u>Push Button Operation</u> | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Less Clear Floor Slope (%) 1.0 Clear Floor X Slope (%) 1.5 |
| | | As-Built Description: Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | Unit Cost \$7950.00 | Button Ht. (in) 47.0 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 5.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) Yes |
| | | Proposed Solution: Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | Priority TBD | Contrasting Color Bands (y/n) No |
| | | Additional Items: Provide 30"x48" level 2% max. clear space at base of signal device. Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | 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 >10ft |
|  | |  | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|--|-------------|--|---|--|
| 1 | NNE | <u>Push Button Operation</u> | | |
| • As-Built Description: | | Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 1.7 Clear Floor X Slope (%) 1.8 |
| • Proposed Solution: | | Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | Unit Cost \$6150.00 Priority TBD | Button Ht. (in) 46.5 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 5.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) Yes |
| • Additional Items: | | Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | 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 >10ft |
| 8 | NNW | <u>Push Button Operation</u> | | |
| • As-Built Description: | | Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Less Clear Floor Slope (%) 0.1 Clear Floor X Slope (%) 0.6 |
| • Proposed Solution: | | Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | Unit Cost \$7950.00 Priority TBD | Button Ht. (in) 46.5 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 5.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) Yes |
| • Additional Items: | | Provide 30"x48" level 2% max. clear space at base of signal device. Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | 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 >10ft |
|   | | | | |
|   | | | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|---|-------------|--|--|--|
| 4 | SSE | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Less Clear Floor Slope (%) 0.3 Clear Floor X Slope (%) 2.8 |
| | | As-Built Description: The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 45.5 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 0.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| | | As-is Measurement: 2.8% | Unit Cost \$7950.00 | Contrasting Color Bands (y/n) No |
| | | 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. | Priority TBD | Vibrotactile Feedback (y/n) No Audible Walk Indicator (y/n) No Button Locator Tone (y/n) No Tactile Arrow (y/n) No |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide a button locator tone. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|  | |  | | |
| 5 | SSW | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Less Clear Floor Slope (%) 0.2 Clear Floor X Slope (%) 4.2 |
| | | As-Built Description: The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | Unit Cost \$7950.00 | Button Ht. (in) 47.0 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 5.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) Yes |
| | | As-is Measurement: 4.2% | Priority TBD | 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 |
| | | 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation. | | |
|  | |  | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements | | |
|--|-------------|---|---|--|---|--|
| 7 | WNW | <u>Push Button Operation</u> | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path Clear Floor Space Clear Floor Slope Clear Floor X Slope | (y/n) Yes (y/n) Less (%) 1.0 (%) 1.3 | |
| • As-Built Description: | | | | | | |
| Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Proposed Solution: | | | | | | |
| Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Additional Items: | | | | | | |
| Provide 30"x48" level 2% max. clear space at base of signal device. Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | | | | | |
| | | | Unit Cost \$7950.00 | Priority | TBD | |
|  | | | | | | |
|  | | | | | | |

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements | | |
|--|-------------|---|--|--|---|--|
| 6 | WSW | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path Clear Floor Space Clear Floor Slope Clear Floor X Slope | (y/n) Yes (y/n) Less (%) 0.0 (%) 3.2 | |
| • As-Built Description: | | | | | | |
| The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | | | | | |
| • As-is Measurement: 3.2% | | | | | | |
| • 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. | | | | | | |
| • Additional Items: | | | | | | |
| Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation. | | | | | | |
| | | | Unit Cost \$7950.00 | Priority | TBD | |
|  | | | | | | |
|  | | | | | | |

Total Costs for Pedestrian Signals at: 15th St and Robertson Blvd**\$61,800.00**

| Survey Street | Cross Street | | | |
|------------------------|----------------|---|-------------------------|--------------|
| 15TH ST | ROBERTSON BLVD | | | |
| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
| Total Cost for Street: | | 15th St | \$61,800.00 | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|-------------------------|-------------|--|--|---|
| 23 | E | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 9.9 Clear Floor X Slope (%) 3.5 |
| • As-is Measurement: | | 9.9% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| 21 | N | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 3.6 Clear Floor X Slope (%) 6.4 |
| • As-is Measurement: | | 6.4% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| | |  |  | |
| | |  |  | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|---|-------------|--|--|---|
| 22 | NE | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 18.7 Clear Floor X Slope (%) 1.9 |
| • As-is Measurement: | | 18.7% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|  | |  | | |
| 20 | NW | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 0.5 Clear Floor X Slope (%) 4.7 |
| • As-is Measurement: | | 4.7% | | Button Ht. (in) 38.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|  | |  | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|--|-------------|--|--|---|
| 18 | S | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 3.5 Clear Floor X Slope (%) 2.9 |
| As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 37.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| As-is Measurement: | | 3.5% | Unit Cost \$2730.00 | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| 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. | Priority TBD | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| Additional Items: | | | | |
| <p>Remount push button to between 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.</p>  | | | | |
| 24 | SE | <u>Clear Floor Space</u> | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 16.9 Clear Floor X Slope (%) 4.5 |
| As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| As-is Measurement: | | 16.9% | Unit Cost \$2730.00 | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| 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. | Priority TBD | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| Additional Items: | | | | |
| <p>Remount push button to between 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.</p>  | | | | |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|--|-------------|--|--|---|
| 17 | SSE | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 2.0 Clear Floor X Slope (%) 3.5 |
| • As-is Measurement: | | 3.5% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
| 19 | W | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 13.4 Clear Floor X Slope (%) 3.7 |
| • As-is Measurement: | | 13.4% | | Button Ht. (in) 36.0 Button Reach (in) 0.0 Button Diameter (in) 2.0 Button Pressure (lbs) 1.0 Closed Fist Operation (y/n) Yes Visual Contrast (y/n) Yes |
| • 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. | Unit Cost \$2730.00 Priority TBD | Contrasting Color Bands (y/n) No Vibrotactile Feedback (y/n) Yes Audible Walk Indicator (y/n) Audible Tone Button Locator Tone (y/n) Yes Tactile Arrow (y/n) Yes |
| • Additional Items: | | Remount push button to between 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. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|   | | | | |

Total Costs for Pedestrian Signals at: 5th St and Robertson Blvd**\$21,840.00****Total Cost for Street: 5th St****\$21,840.00**

Survey Street

CHOWCHILLA BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution |
|----|-------------|---|
| 12 | E | <u>Push Button Operation</u> |

• *As-Built Description:*

Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand.

• *Proposed Solution:*

Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand.

• *Additional Items:*

Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone.

14 N Clear Floor Space• *As-Built Description:*

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

• *As-is Measurement:* 2.4%• *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.

• *Additional Items:*

Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation.



Cross Street

ROBERTSON BLVD

| Codes / Mitigation Info | | Measurements | | |
|-------------------------|--|--------------|--|--|
|-------------------------|--|--------------|--|--|

| | | | |
|----------------------------|---------------------|-------|-----|
| ADAAG: 4.27.4 | Accessible Path | (y/n) | Yes |
| ADA 2010: 309.4 | Clear Floor Space | (y/n) | Yes |
| CBC 2016: 11B-309.4 | Clear Floor Slope | (%) | 1.0 |
| PROWAG: R403.4 | Clear Floor X Slope | (%) | 1.5 |

| | | | |
|-----------|------------------|----------|-----|
| Unit Cost | \$6150.00 | Priority | TBD |
|-----------|------------------|----------|-----|

| | | |
|-------------------------|-------|-----------|
| 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 | | >10ft |

| | | | |
|----------------------------|---------------------|-------|------------|
| ADAAG: 4.3.7 | Accessible Path | (y/n) | Yes |
| ADA 2010: 302.1 | Clear Floor Space | (y/n) | Yes |
| CBC 2016: 11B-302.1 | Clear Floor Slope | (%) | 1.6 |
| PROWAG: R404.2 | Clear Floor X Slope | (%) | 2.4 |

| | | | |
|-----------|------------------|----------|-----|
| Unit Cost | \$7950.00 | Priority | TBD |
|-----------|------------------|----------|-----|

| | | |
|-------------------------|-------|-----------|
| 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 | | >10ft |

Survey Street

Cross Street

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
|--|-------------|--|--|--|
| 13 | NE | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 305.1 CBC 2016: 11B-305.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 2.3 Clear Floor X Slope (%) 0.1 |
| • As-is Measurement: | | 2.3% | | Button Ht. (in) 48.0 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 2.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) No |
| • 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. | Unit Cost \$7950.00 Priority TBD | 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 |
| • Additional Items: | | Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|   | | | | |
| 15 | NW | <u>Clear Floor Space</u> | | |
| • As-Built Description: | | The cross slope of the floor or ground surface at the pedestrian signal device exceed 1:48 (2%). | ADAAG: 4.3.7 ADA 2010: 302.1 CBC 2016: 11B-302.1 PROWAG: R404.2 | Accessible Path (y/n) Yes Clear Floor Space (y/n) Yes Clear Floor Slope (%) 1.8 Clear Floor X Slope (%) 3.0 |
| • As-is Measurement: | | 3.0% | | Button Ht. (in) 47.0 Button Reach (in) 0.0 Button Diameter (in) 0.5 Button Pressure (lbs) 2.0 Closed Fist Operation (y/n) No Visual Contrast (y/n) No |
| • 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. | Unit Cost \$7950.00 Priority TBD | 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 |
| • Additional Items: | | Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. Provide new push button and housing to allow for closed fist operation. | | Within 5 ft from crosswalk (y/n) Yes 1.5 - 6.0 ft from curb (y/n) Yes 10 ft minimum separation >10ft |
|   | | | | |

Survey Street

Cross Street

CHOWCHILLA BLVD

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements | | |
|---|-------------|--|---|--|-------|-----------------|
| 9 | S | <u>Push Button Operation</u> | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path Clear Floor Space Clear Floor Slope Clear Floor X Slope | (y/n) | Yes |
| | | As-Built Description: Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | | Button Ht. Button Reach Button Diameter Button Pressure Closed Fist Operation Visual Contrast | (in) | 48.0 |
| | | Proposed Solution: Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | Unit Cost \$6150.00 Priority TBD | Contrasting Color Bands Vibrotactile Feedback Audible Walk Indicator Button Locator Tone Tactile Arrow | (y/n) | No |
| | | Additional Items: Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | Within 5 ft from crosswalk 1.5 - 6.0 ft from curb 10 ft minimum separation | (y/n) | Yes |
| | | | | | | >10ft |
|  | |  | | | | |

11 SE Push Button Operation

As-Built Description:

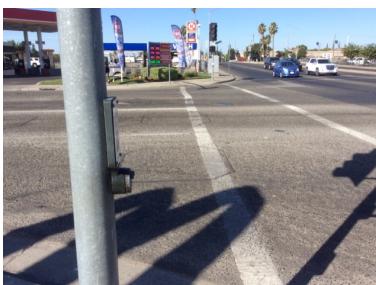
Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand.

Proposed Solution:

Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand.

Additional Items:

Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone.



Survey Street

Cross Street

CHOWCHILLA BLVD

ROBERTSON BLVD

| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements | | |
|--|-------------|--|---|--|-------|--------------------------|
| 10 | SW | <u>Push Button Operation</u> | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path Clear Floor Space Clear Floor Slope Clear Floor X Slope | (y/n) | Yes Yes 1.0 2.0 |
| • As-Built Description: | | | | | | |
| Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Proposed Solution: | | | | | | |
| Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Additional Items: | | | | | | |
| Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | | | | | |
|  | |  | | | | |
| 16 | W | <u>Push Button Operation</u> | ADAAG: 4.27.4 ADA 2010: 309.4 CBC 2016: 11B-309.4 PROWAG: R403.4 | Accessible Path Clear Floor Space Clear Floor Slope Clear Floor X Slope | (y/n) | Yes Yes 0.3 1.6 |
| • As-Built Description: | | | | | | |
| Operable part(s) require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Proposed Solution: | | | | | | |
| Modify or replace the operable part(s) to not require tight grasping, pinching, or twisting of the wrist with one hand. | | | | | | |
| • Additional Items: | | | | | | |
| Provide 2" wide color coding with 1" wide dark borders located directly above control button. Provide push button which contrasts with surrounding housing. Provide a 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. Integrate the vibrotactile signal device with the pedestrian pushbutton. Provide 2" diameter push button. Provide a button locator tone. | | | | | | |
|  | |  | | | | |

Total Costs for Pedestrian Signals at: Chowchilla Blvd and Robertson Blvd **\$54,600.00**

Total Cost for Street: Chowchilla Blvd **\$54,600.00**

| Survey Street | Cross Street | | | |
|--|----------------|---|-------------------------|---------------------|
| CHOWCHILLA BLVD | ROBERTSON BLVD | | | |
| ID | Orientation | Existing Access Barrier and Proposed Solution | Codes / Mitigation Info | Measurements |
| Total Cost for County Pedestrian Signals: | | | | \$188,490.00 |