CITY OF SAUSALITO

420 LITHO STREET

SAUSALITO, CALIFORNIA 94966

APRIL 25, 2024

ATTENTION: Mr. IAN P. SOBIESKI - MAYOR

SUBJECT: ILLUMINATION AND BICYCLE SAFETY ISSUES

Sir,

The enclosed study depicts crosswalk and bike lane safety issues. The extensive collection of exhibits clarify in detail improvements that will make the well-used bike lanes and crosswalks safer and will promote their use. Your review will be in the interest of the City and residents.

Please ensure the Pedestrian and Bicycle Advisory Committee will have an opportunity to review in detail the exhibits.

Mr. Bruce Donoghue

CE, Member of the City of Santa Clara BPAC

A
REPORT
ON BIKE LANE
AND ILLUMINATION
ISSUES
BRIDGEWAY
TO HIGHWAY 101
SAUSALITO, MARIN
COUNTY CALIFORNIA

.APRIL 25, 2024

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G. SAUSALITO BIKE PLAN MAP
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K. BICYCLE MASTER PLAN

INTRODUCTION

My experiences visiting Sausalito at night have prompted me to prepare this study. Additionally, Bay Area Cities are upgrading their bike lanes and pedestrian routes using grant money to enhance safety and to promote walking and bicycling.

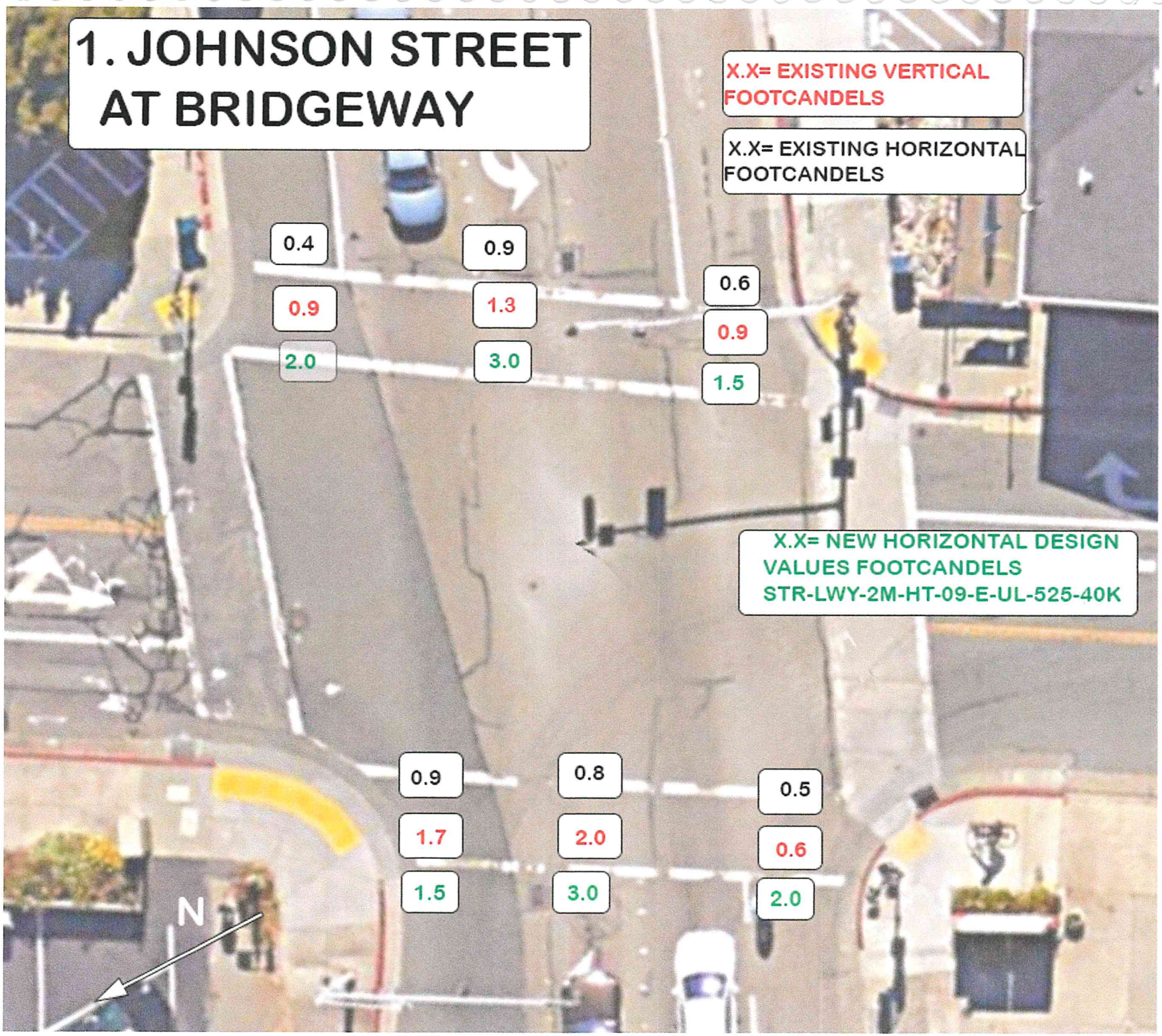
This assembly of exhibits is an effort to refresh the viewpoints of the Golden Gate Bridge and Transportation District's and the City of Sausalito's staff and the Bicycle and Pedestrian Advisory Committee members. The Illumination section reviews crosswalk, intersection and mid-block locations from the City Center to the City Limits along the main road to the Golden Gate Bridge. Illumination levels from existing fixtures are plotted, and new Cree Lighting Company luminaires are then selected and their higher illumination levels are plotted.

The Bike Path section reviews the existing Bike Lane along the same route starting at Richardson Street. The upgrading of the Bike Lane markings using green backgrounds and additional marking locations are depicted. Bay Area Cities are upgrading their bike lanes using grant money to enhance safety and to promote the use of bicycles. This route is popular with novice rental bicyclists and experience riders. The route has steep road gradients and the lanes are narrow. The addition of green markings enhances a driver's perception of slow-moving bicyclists.

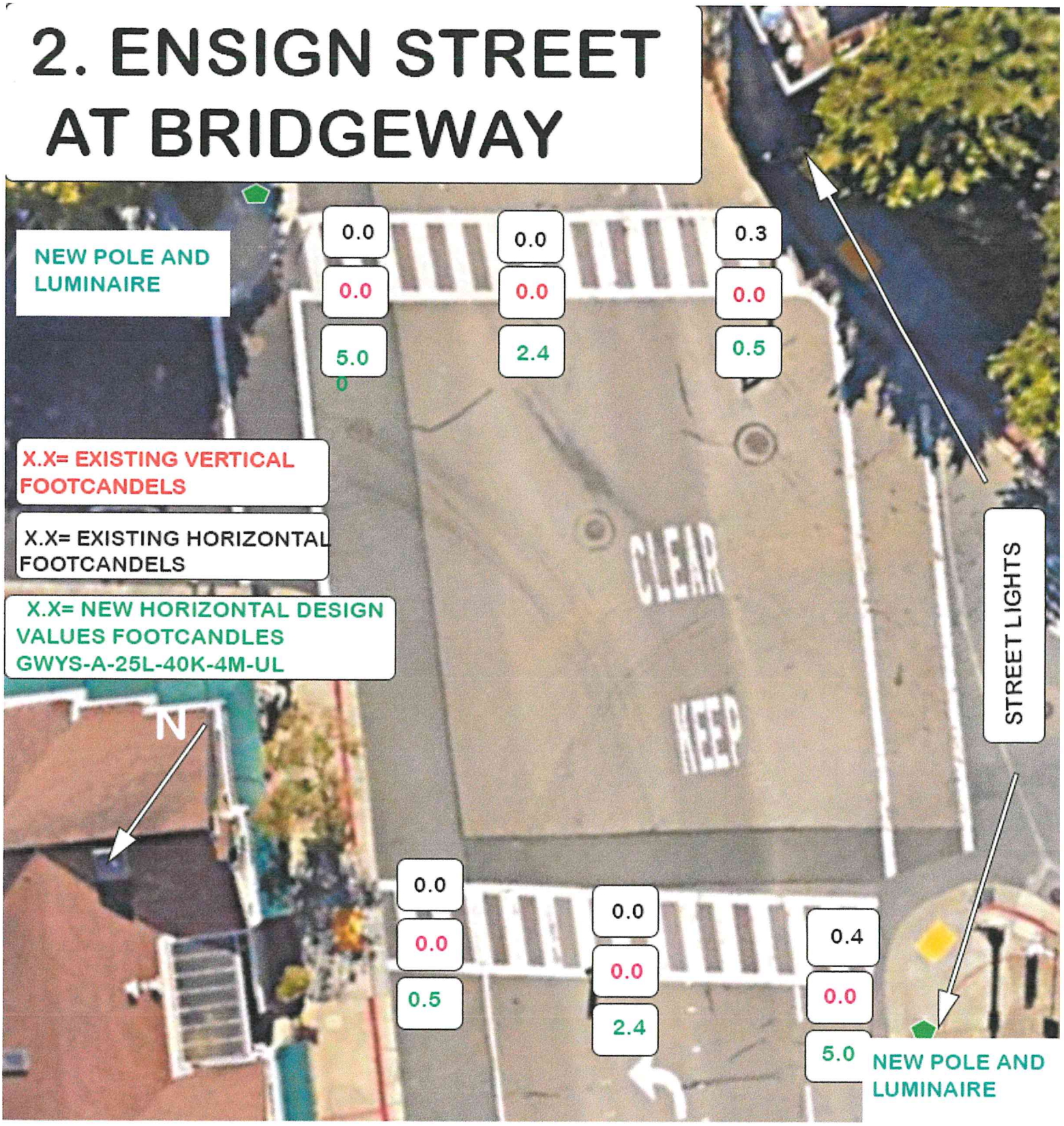
The Golden Gate Bridge and Transportation District has not maintained most of its improvements along Alexander Avenue. The exhibits depict adding missing Bike Lane markings and stripes. Additionally, the District has not removed encroaching landscaping and slide debris from the Bike Lanes. These maintenance issues force bicyclist into 35 mph traffic lanes on inclined roadways. The installation of addition speed limit signs and pavement legends is recommended as the speed limit is questionable in some areas. The Bike route to the Highway 101 intersection is missing way finders signs that direct bicyclists to a safer route. Additional District maintenance oversights are also mentioned within the exhibits. The illumination of Alexander Avenue is restrained by the use of orange colored illumination and the use of non-LED fixtures. Some fixtures emit high levels of disability or discomfort glare.

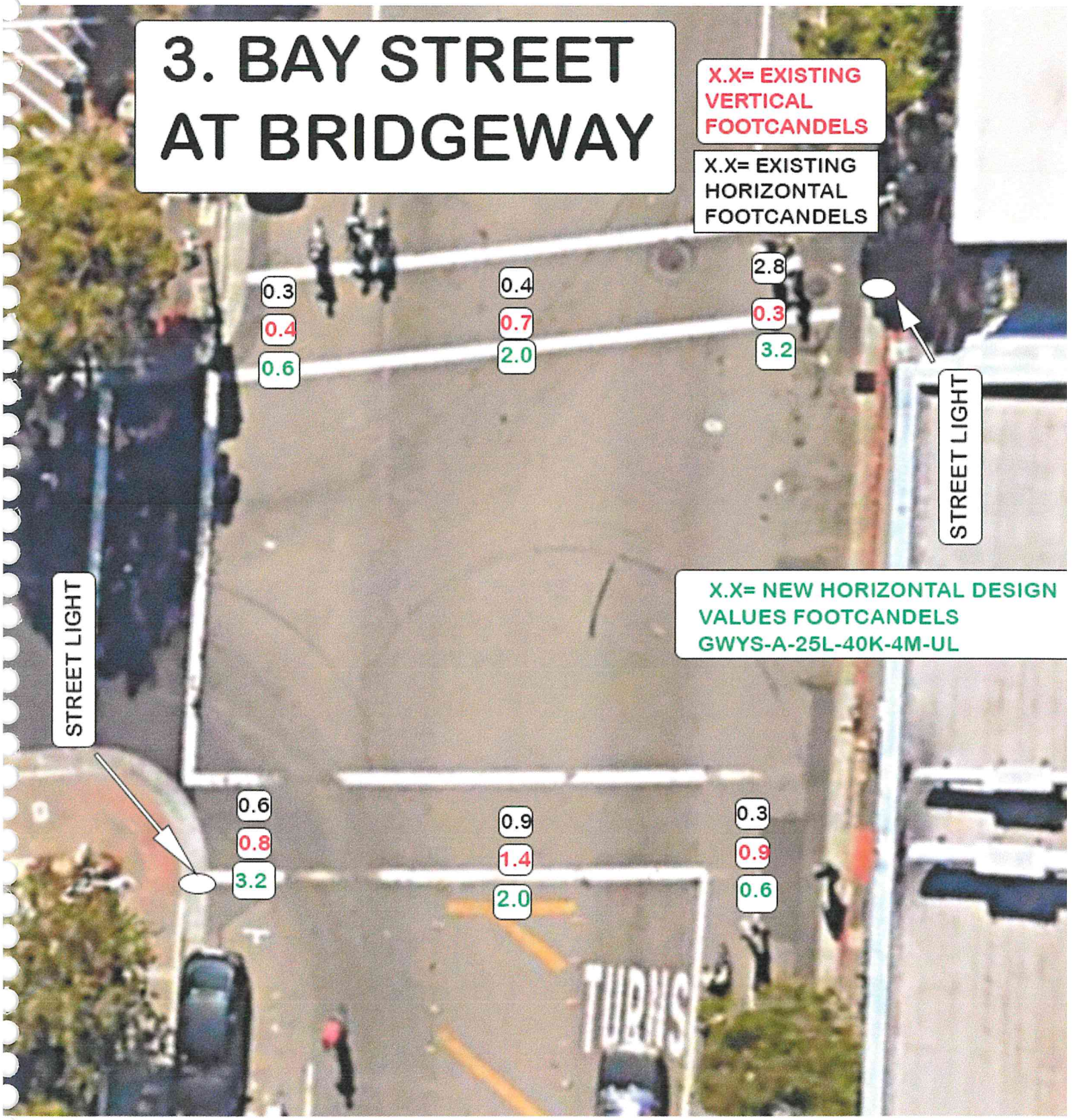
It is hoped this review is a constructive resource.

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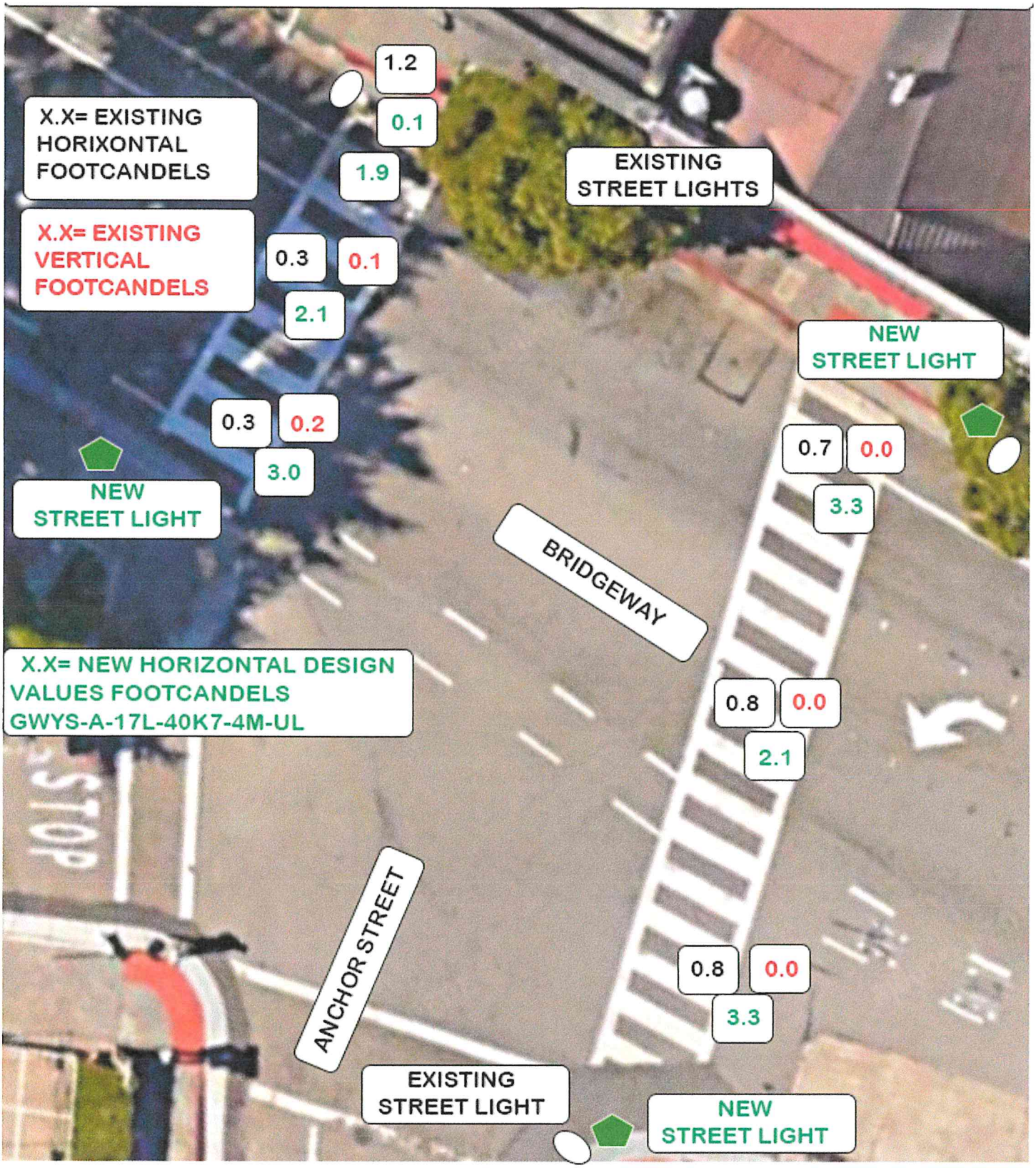

1. JOHNSON STREET AT BRIDGEWAY
X.X= EXISTING VERTICAL FOOTCANDELS
X.X= EXISTING HORIZONTAL FOOTCANDELS
0.4
0.9
2.0
0.9
1.3
3.0
0.6
0.9
1.5
X.X= NEW HORIZONTAL DESIGN VALUES FOOTCANDELS
STR-LWY-2M-HT-09-E-UL-525-40K
0.9
1.7
1.5
0.8
2.0
3.0
0.5
0.6
2.0
N

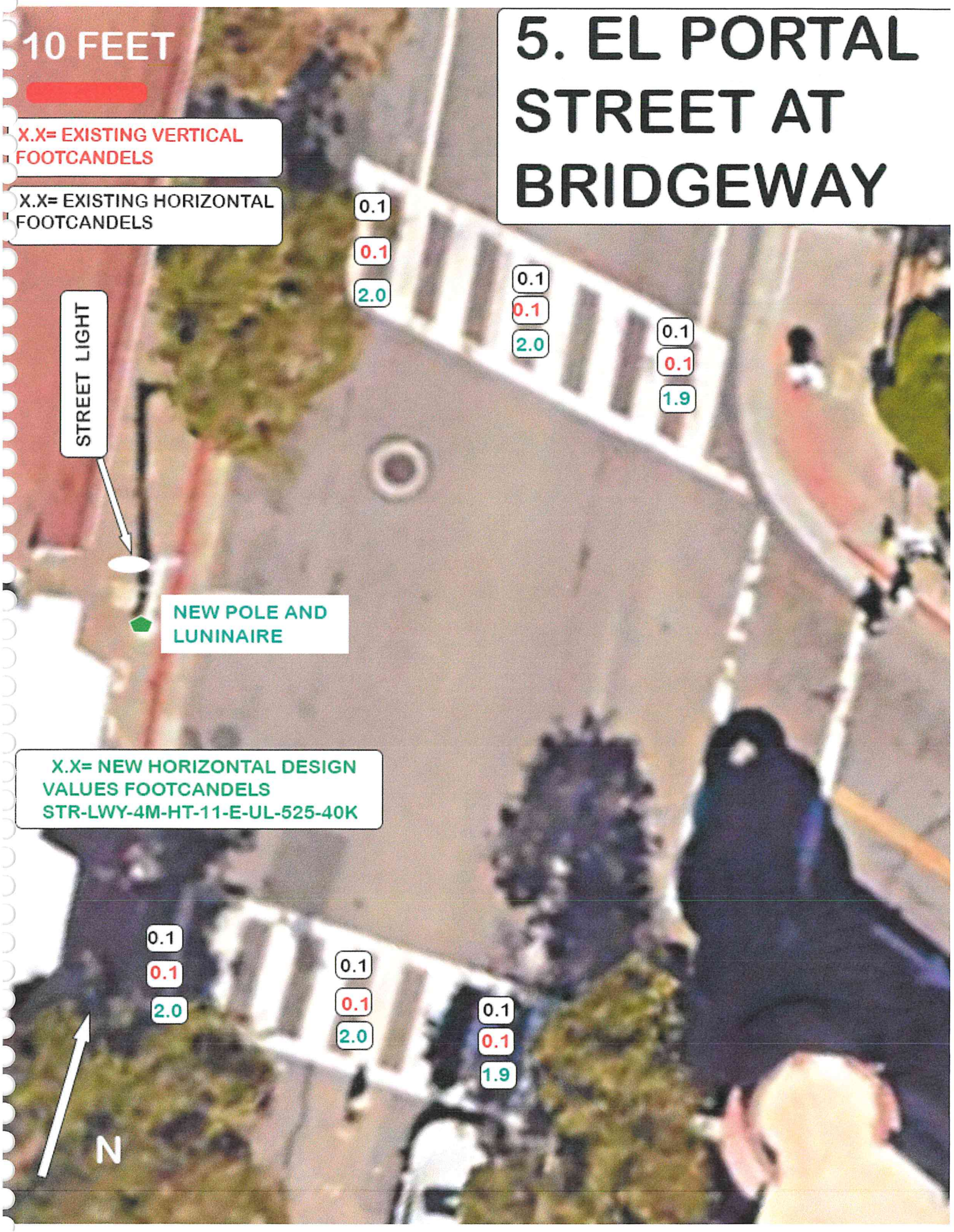
2. ENSIGN STREET AT BRIDGEWAY




3. BAY STREET AT BRIDGEWAY
X.X= EXISTING VERTICAL FOOTCANDELS
X.X= EXISTING HORIZONTAL FOOTCANDELS
0.3
0.4
0.6
0.4
0.7
2.0
2.8
0.3
3.2
STREET LIGHT
X.X= NEW HORIZONTAL DESIGN VALUES FOOTCANDELS
GWYS-A-25L-40K-4M-UL
STREET LIGHT
0.6
0.8
3.2
0.9
1.4
2.0
0.3
0.9
0.6
TURNS

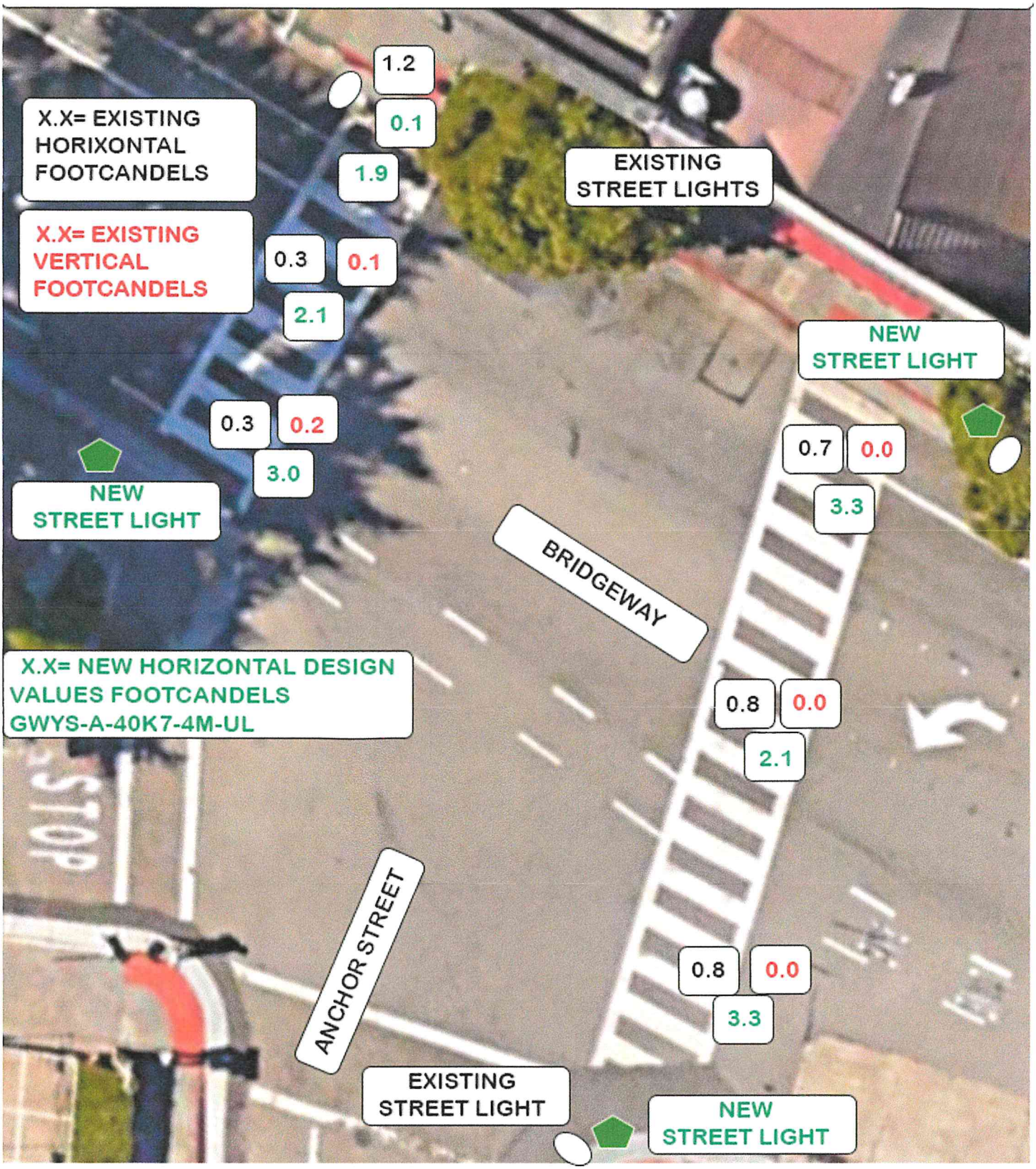
4. ANCHOR STREET AT BRIDGEWAY





5. EL PORTAL STREET AT BRIDGEWAY

4. ANCHOR STREET AT BRIDGEWAY

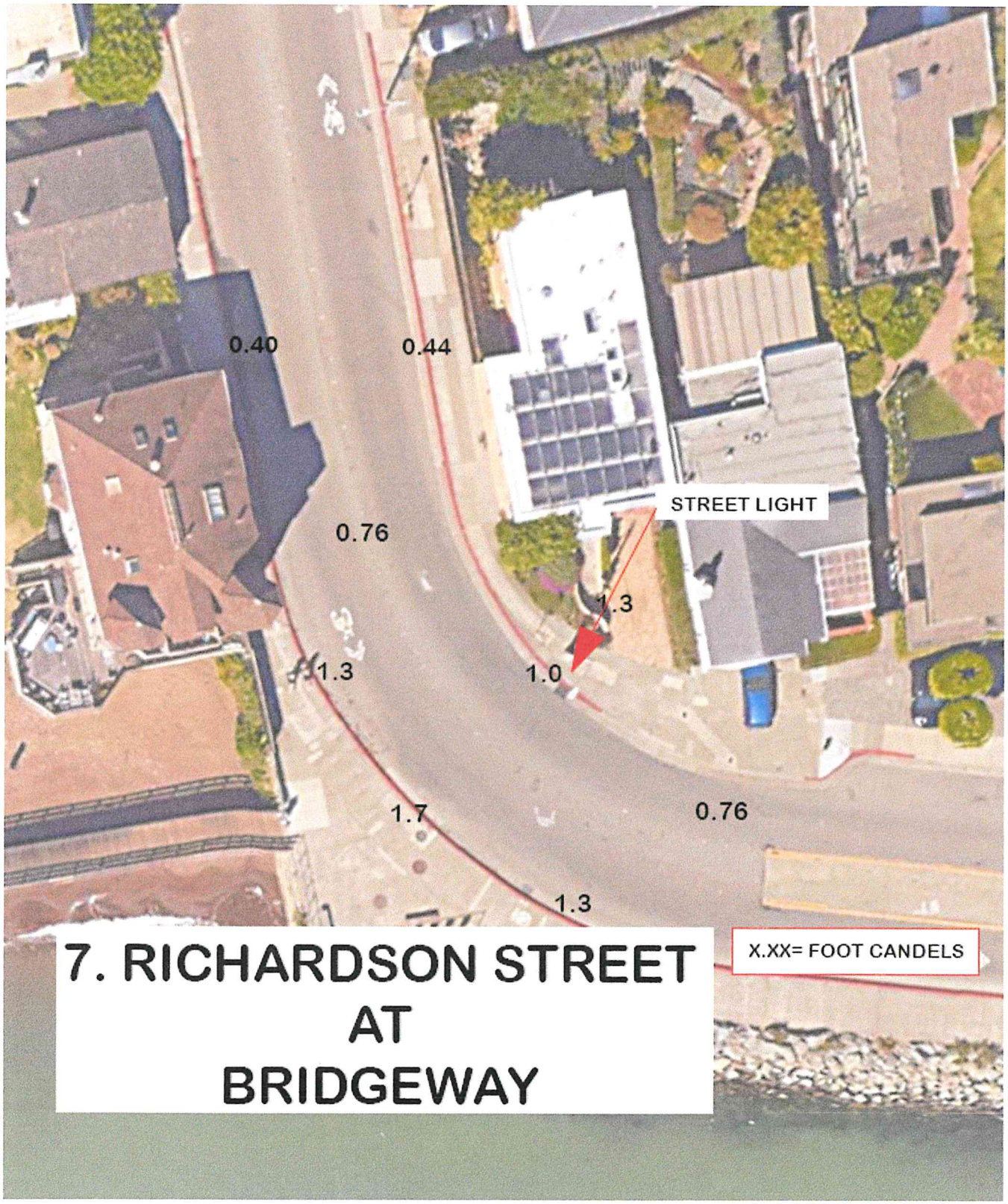




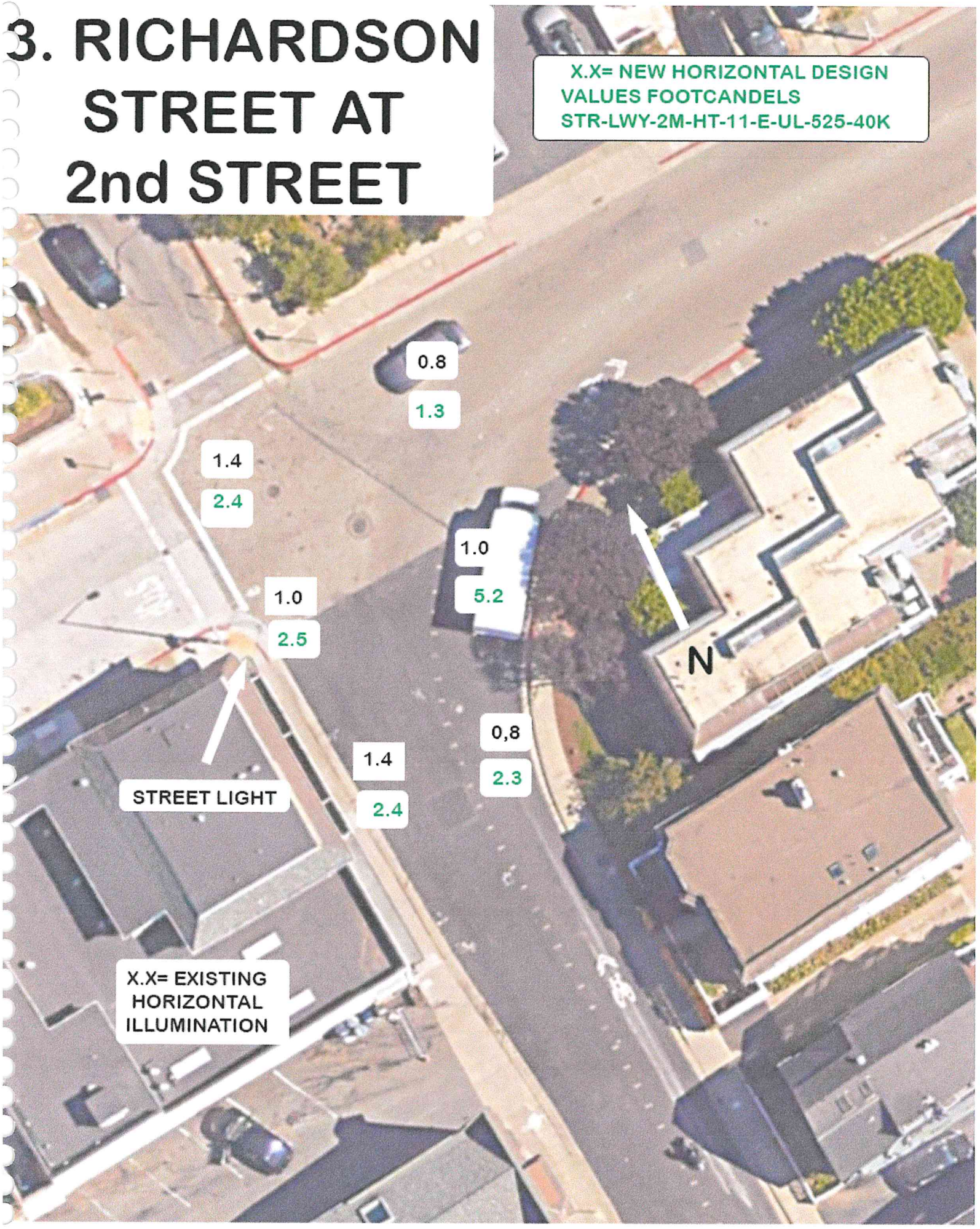
9. 2nd STREET AT MAIN STREET



10. 2nd STREET AT VALLEY STREET


0.40
0.44
STREET LIGHT
0.76
1.3
1.3
1.0
1.7
0.76
1.3
X.XX= FOOT CANDELS
7. RICHARDSON STREET
AT
BRIDGEWAY

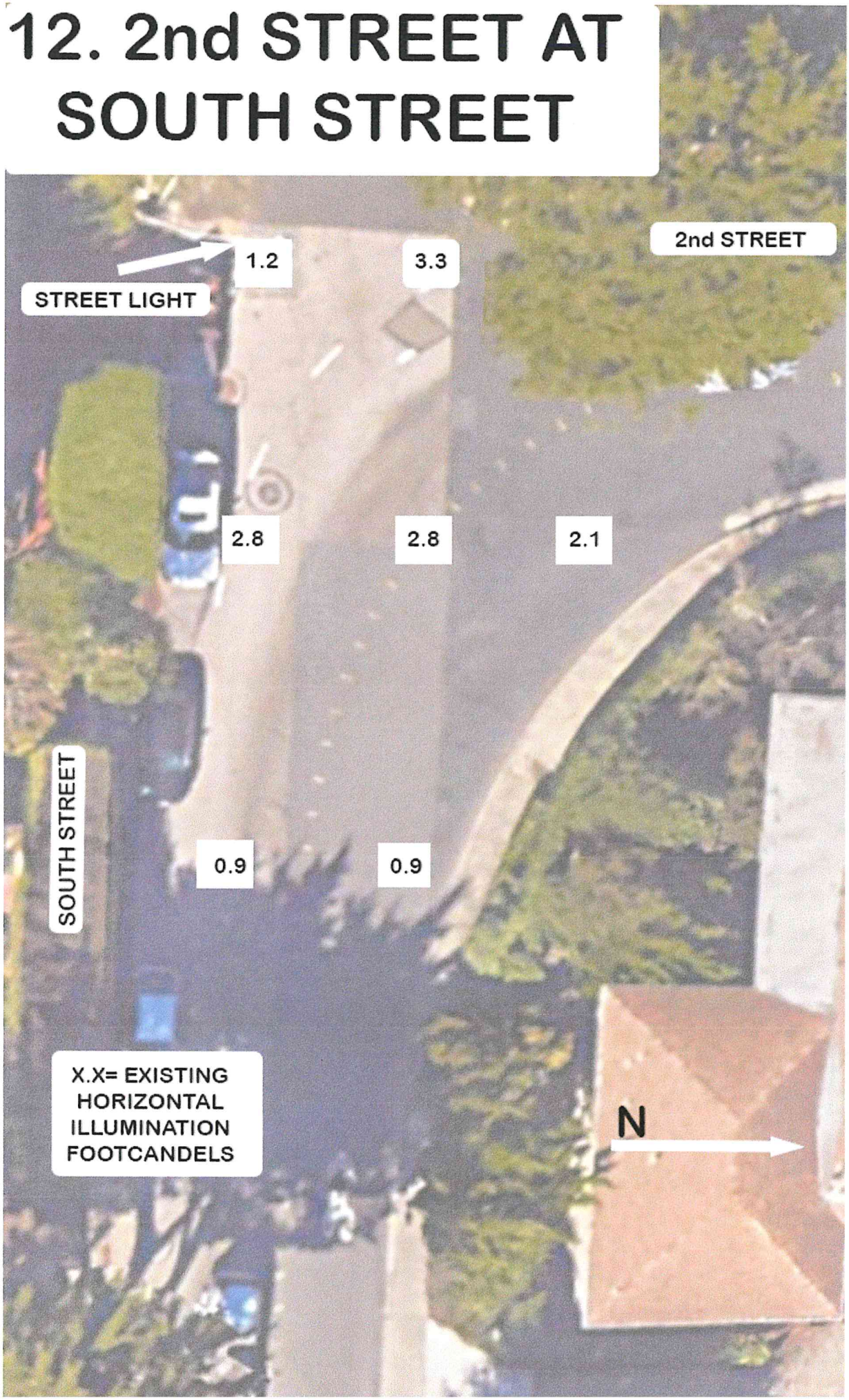
3. RICHARDSON STREET AT 2nd STREET

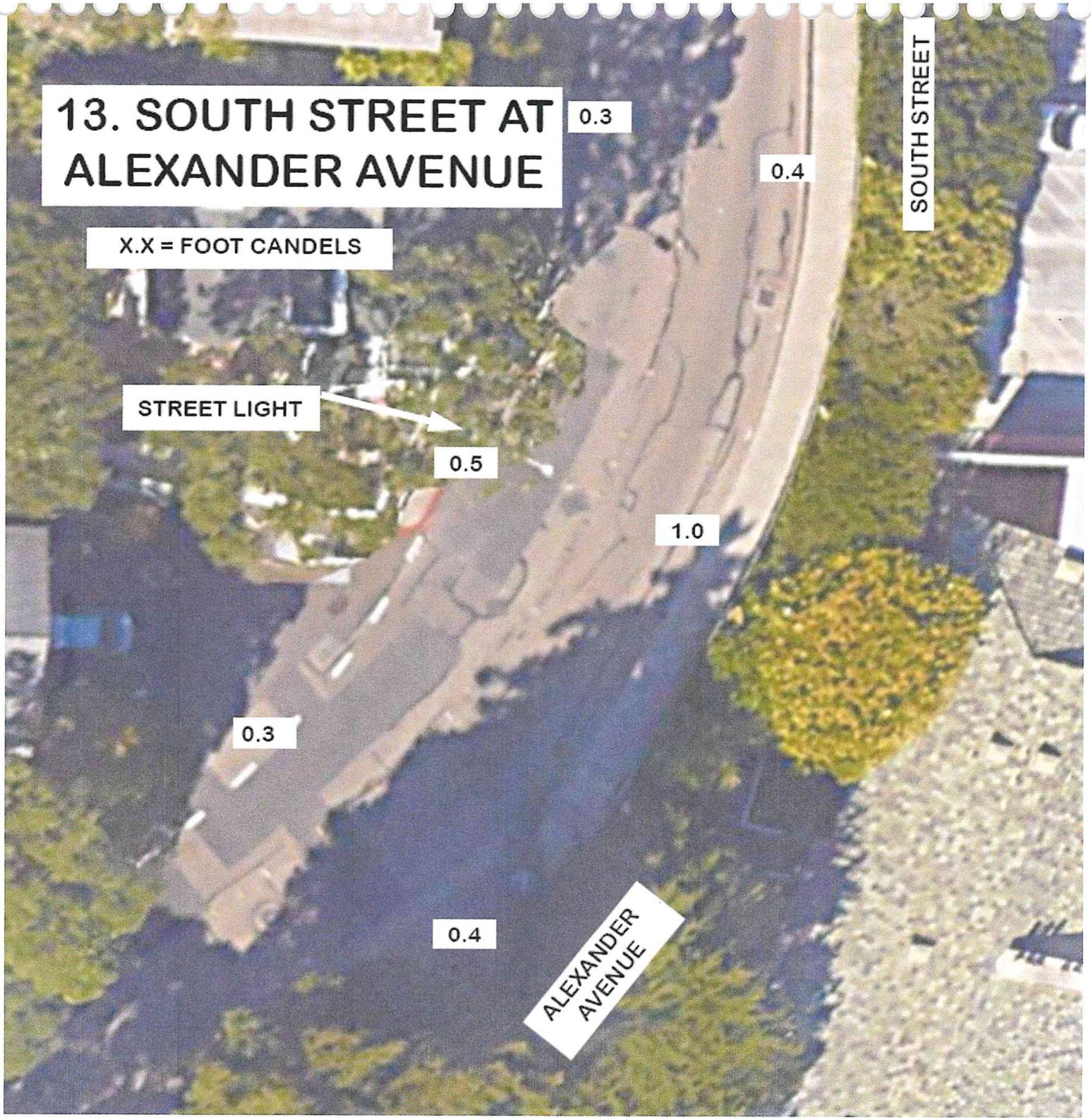


11. 2nd STREET AT SAUSALITO BLVD.



12. 2nd STREET AT SOUTH STREET



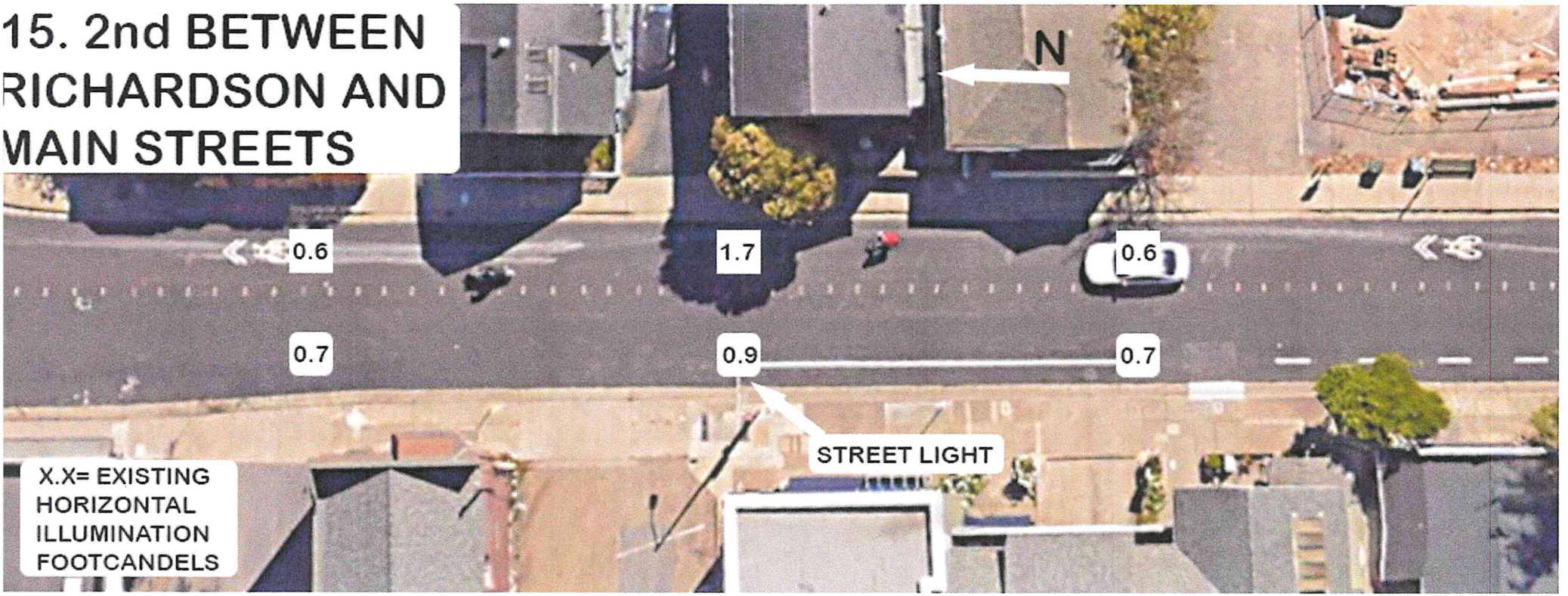

13. SOUTH STREET AT ALEXANDER AVENUE
X.X = FOOT CANDELS
STREET LIGHT
0.3
0.4
0.5
1.0
0.3
0.4
SOUTH STREET
ALEXANDER AVENUE



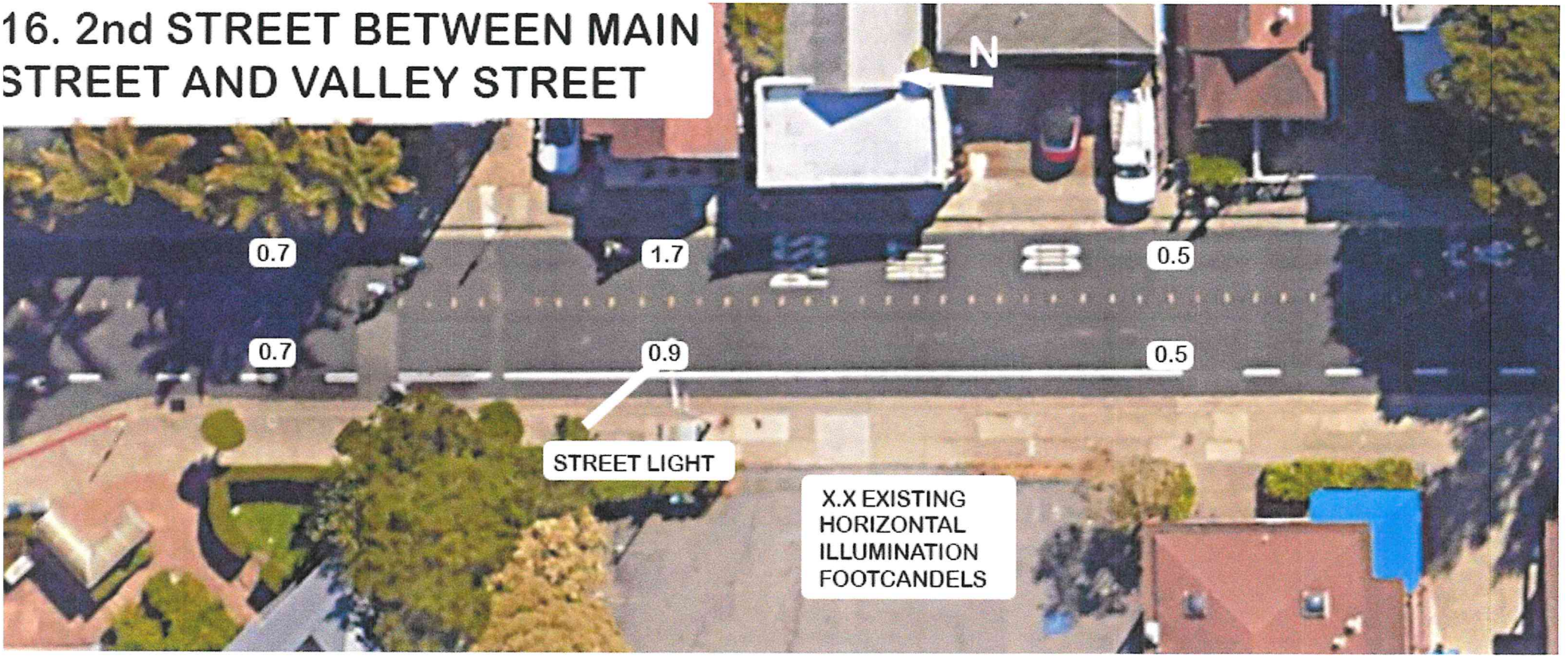
19. ALEXANDER AVENUE AT EDWARDS STREET


14.RICHARDSON STREET BETWEEN BRIDGEWAY AND 2nd STREET
0.4
1.0
0.44
0.4
0.5
0.4
X.X= EXISTING HORIZONTAL ILLUMINATION FOOTCANDELS
STREET LIGHT
N

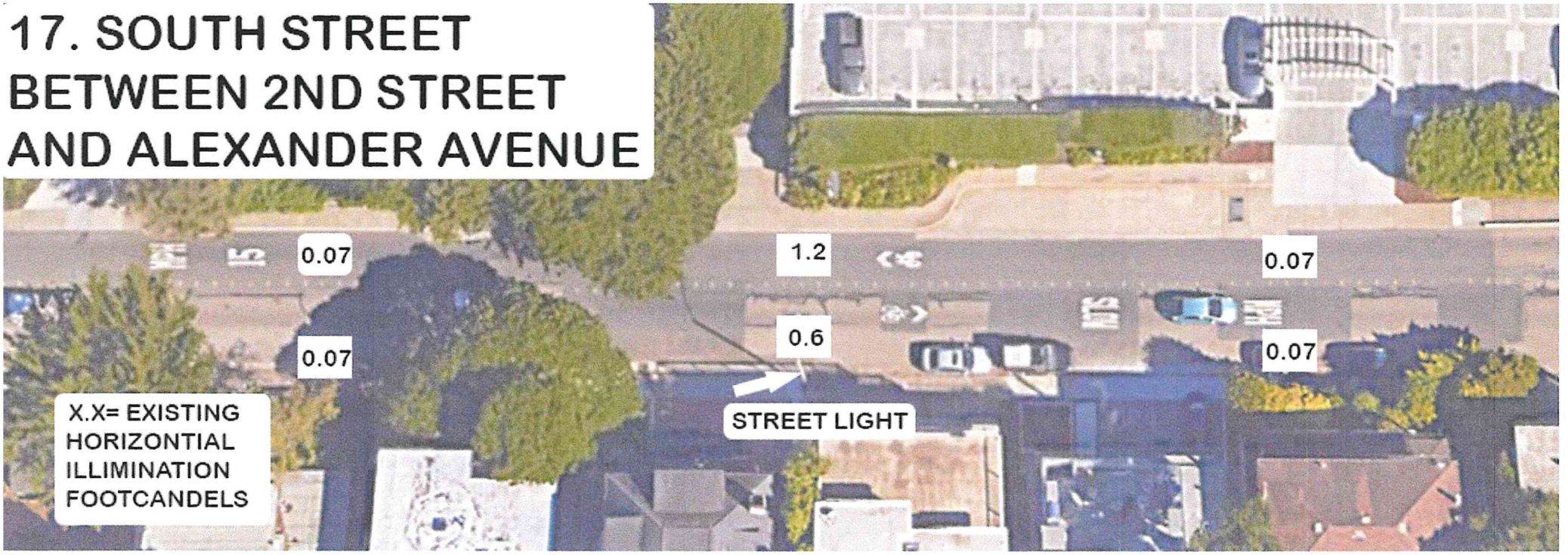
15. 2nd BETWEEN RICHARDSON AND MAIN STREETS



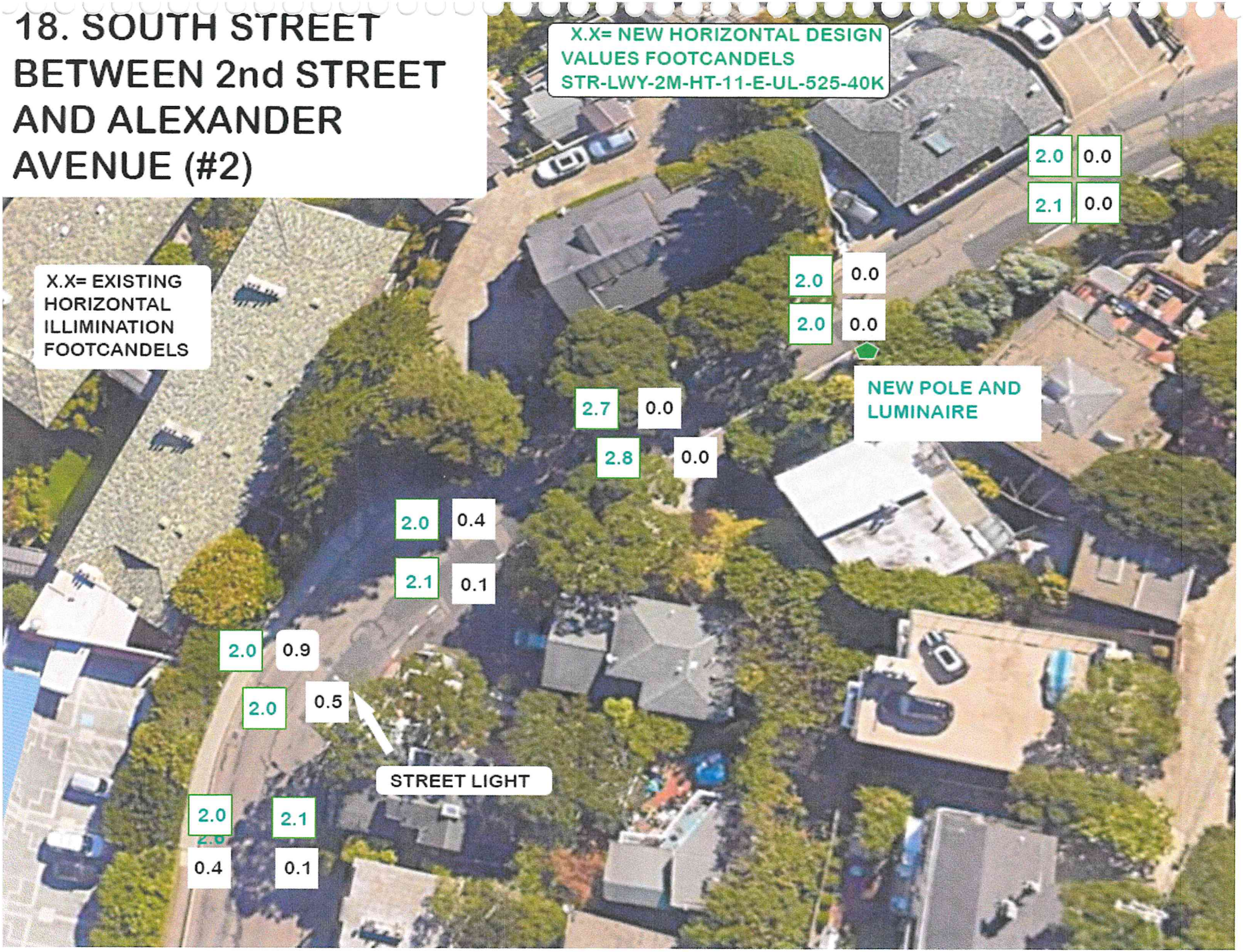
16. 2nd STREET BETWEEN MAIN STREET AND VALLEY STREET

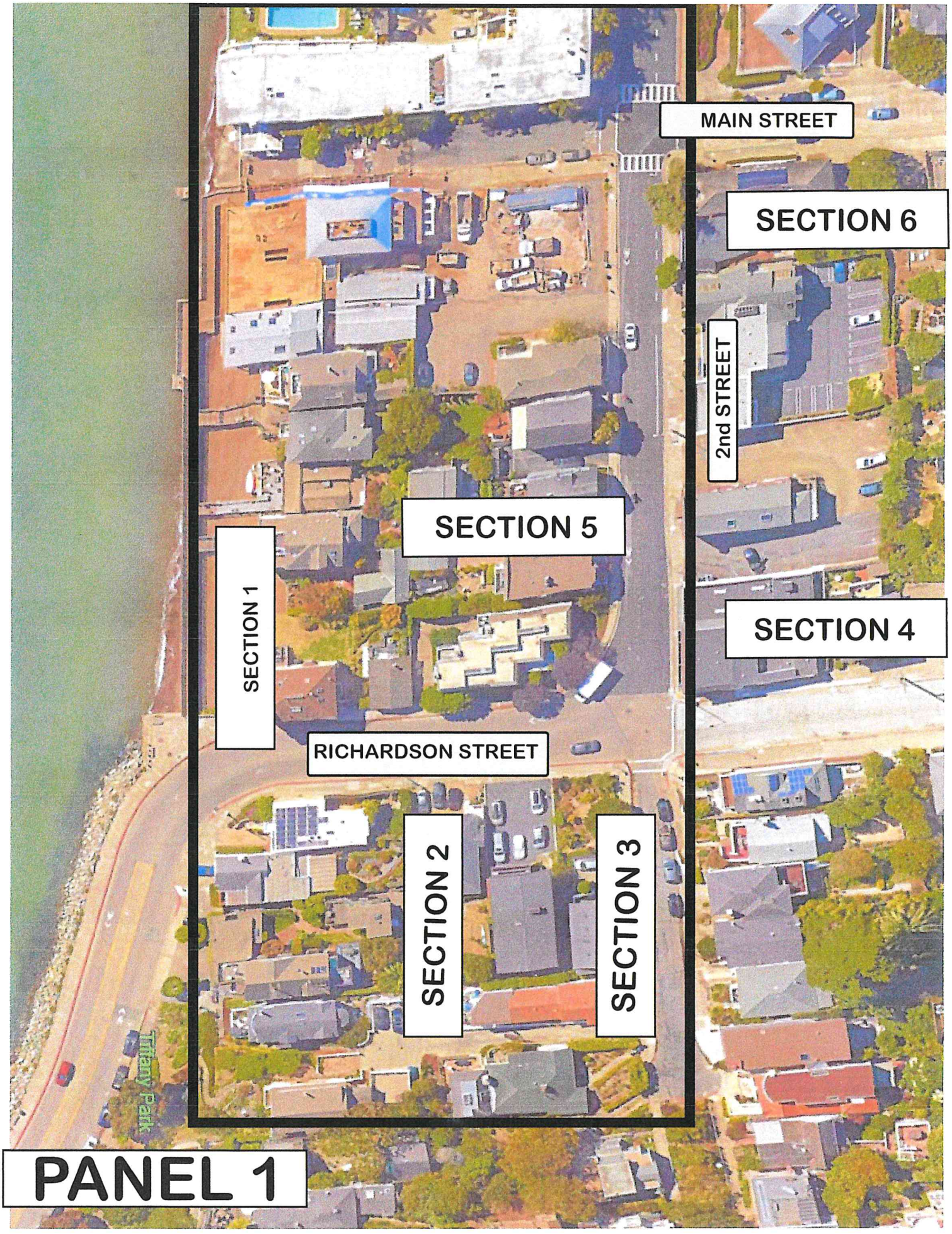


17. SOUTH STREET BETWEEN 2ND STREET AND ALEXANDER AVENUE



18. SOUTH STREET BETWEEN 2nd STREET AND ALEXANDER AVENUE (#2)




MAIN STREET
SECTION 6
2nd STREET
SECTION 5
SECTION 1
SECTION 4
RICHARDSON STREET
SECTION 2
SECTION 3
Tilbury Park

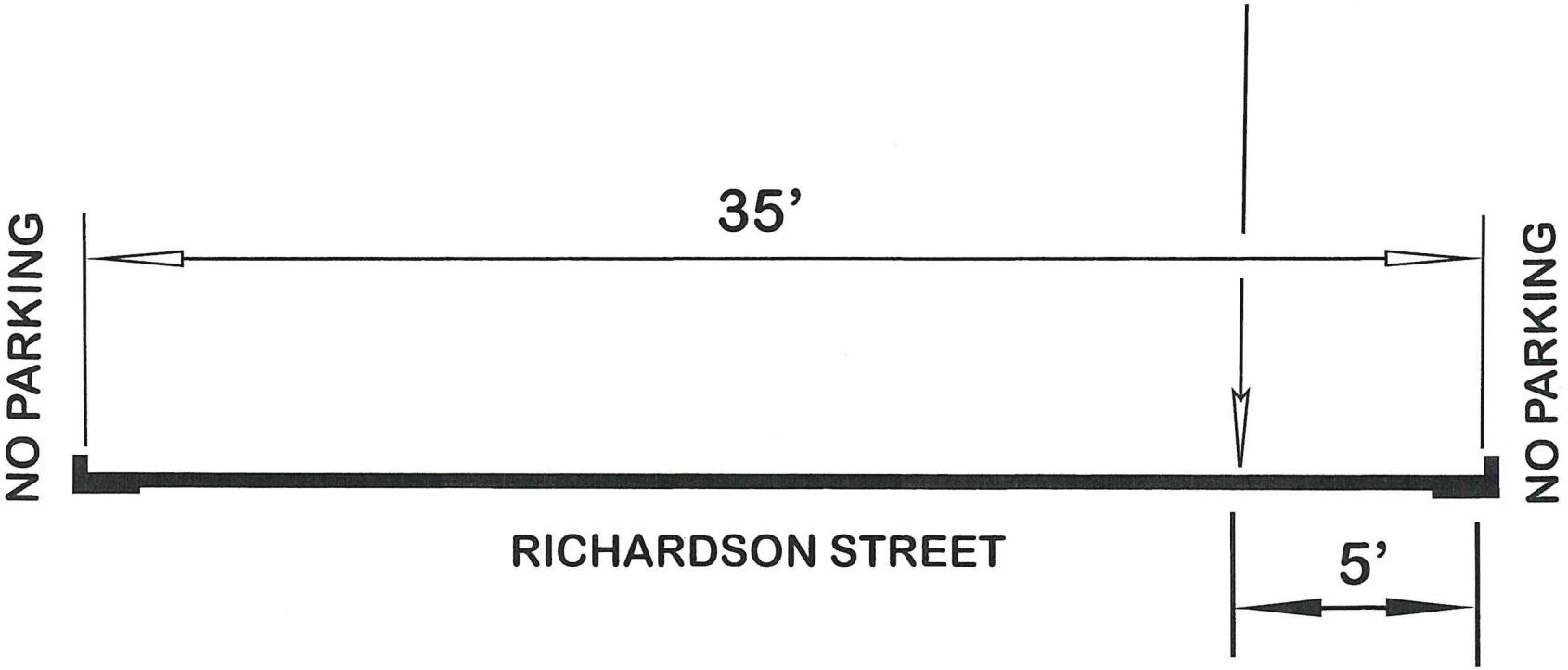
PANEL 1

PROPOSED WORK

INSTALL A SHAROW ON GREEN BACKGROUND



PAVEMENT SYMBOL



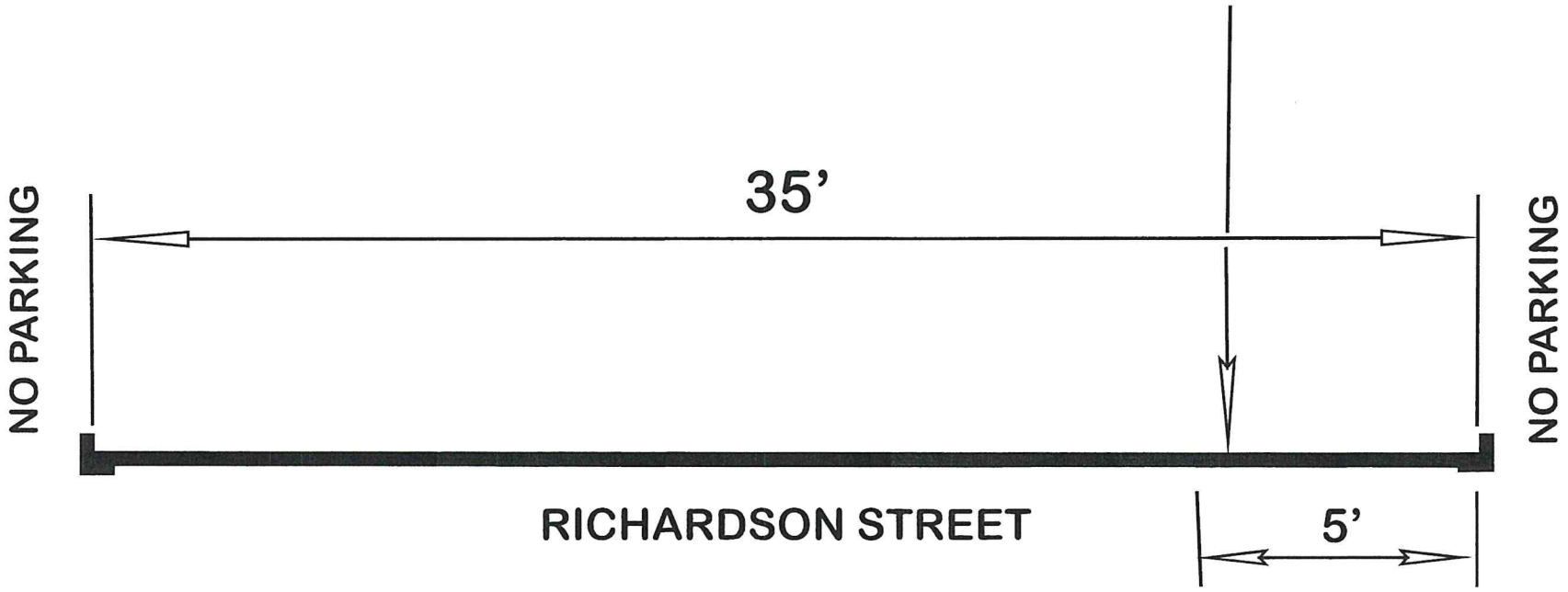
SECTION 1

PROPOSED WORK

REFRESH EXISTING SHARROW WITH NEW SHARROW WITH GREEN BACKGROUND



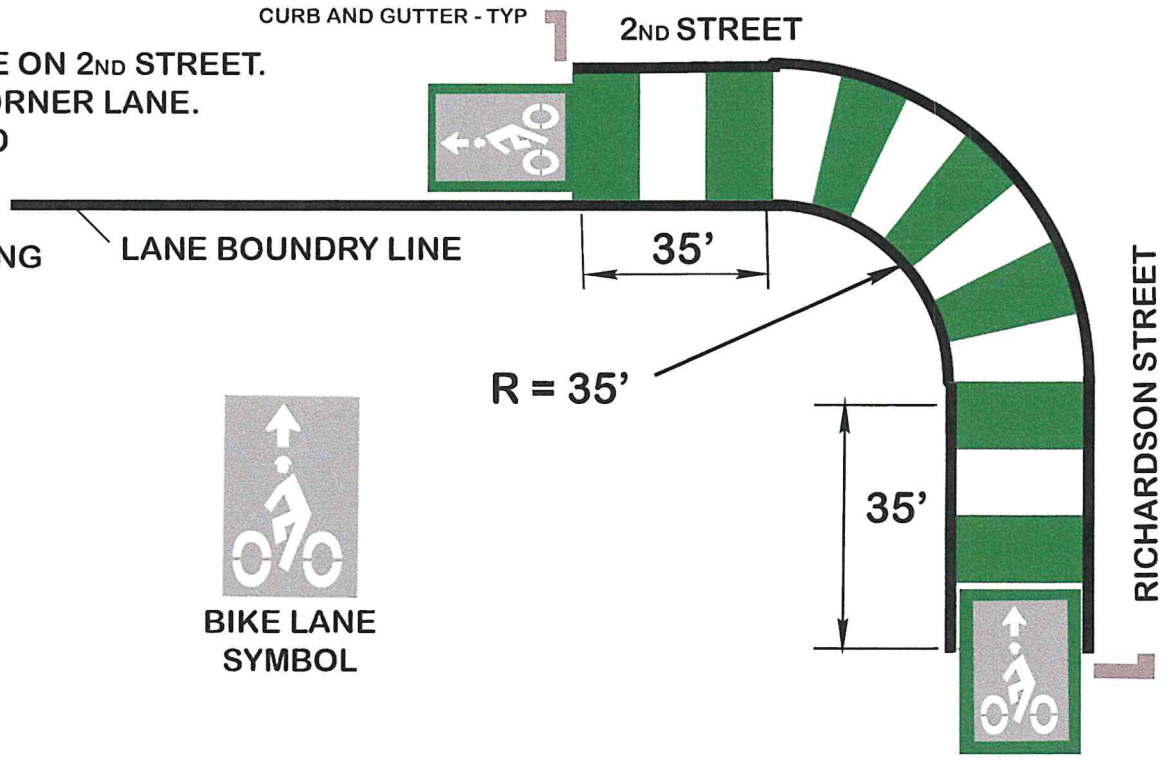
PAVEMENT SYMBOL



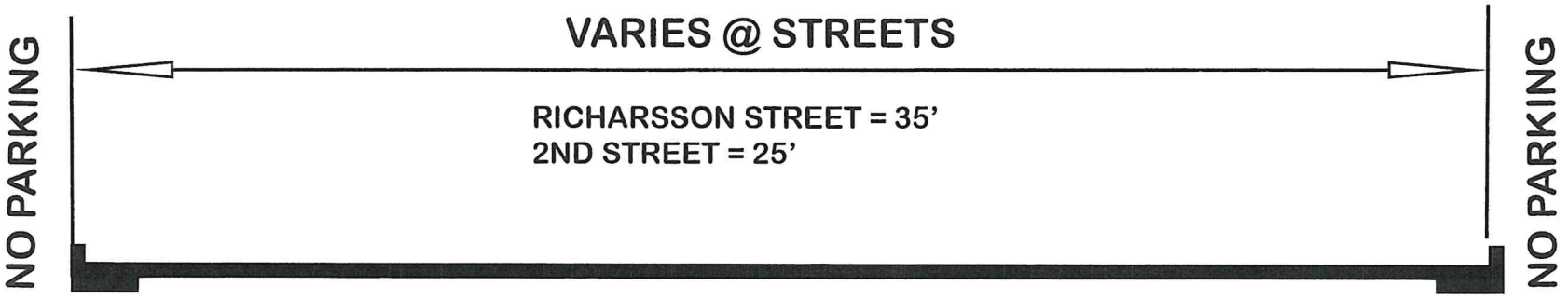
SECTION 2

PROPOSED WORK

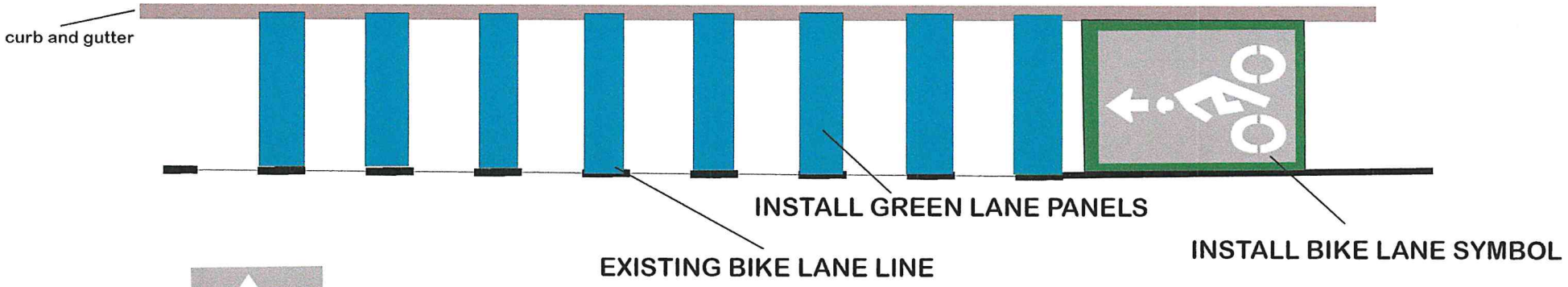
INSTALL RADIUS BICYCLE LANE, AND BIKE LANE ON 2ND STREET.
PROVIDED GREEN DASHED LINES 2' WIDE AT CORNER LANE.
INSTALL BIKE LANE SYMBOL AT START, END AND
MID BLOCK OR AT 250' ON CENTER
ON 2ND STREET.
LANE BOUNDRY LINE TO CONNECT WITH EXISTING
LANE BOUNDRY LINE AT END OF 2ND



CORNER LANE



SECTIONS 3 AND 4





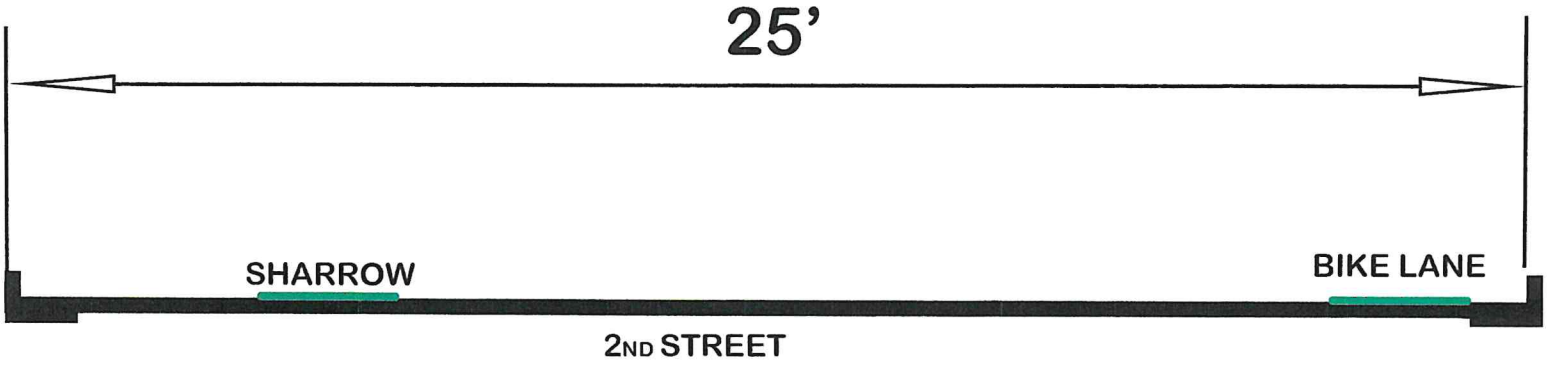
BIKE LANE SYMBOL

PROPOSED WORK

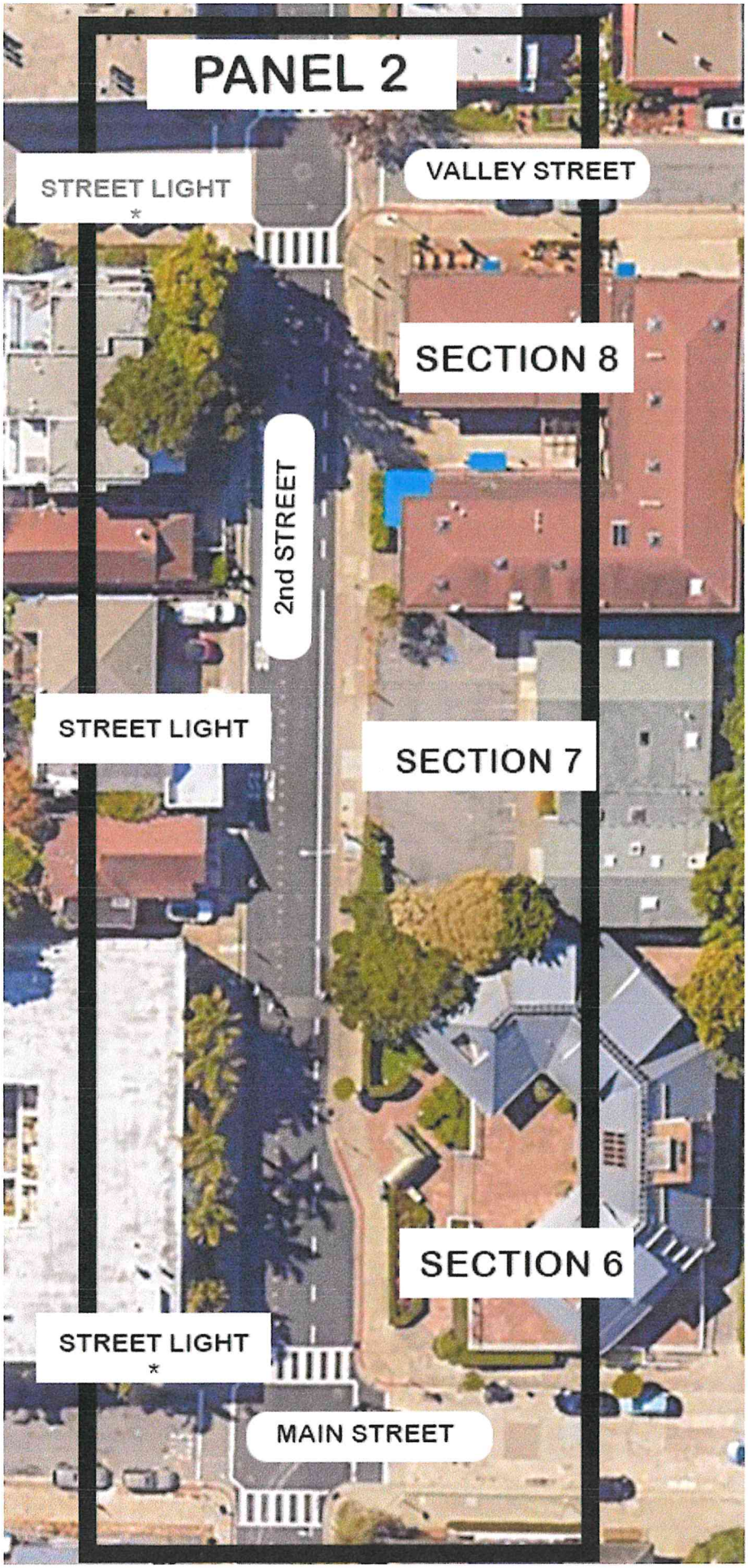
INSTALL GREEN LANE PANELS AT EXISTING DASHED LANE LINES
INSTALL BIKE LANE SYMBOL
INSTALL SHARROW ON OPPOSITE SIDE OF STREET AT LANE CENTER

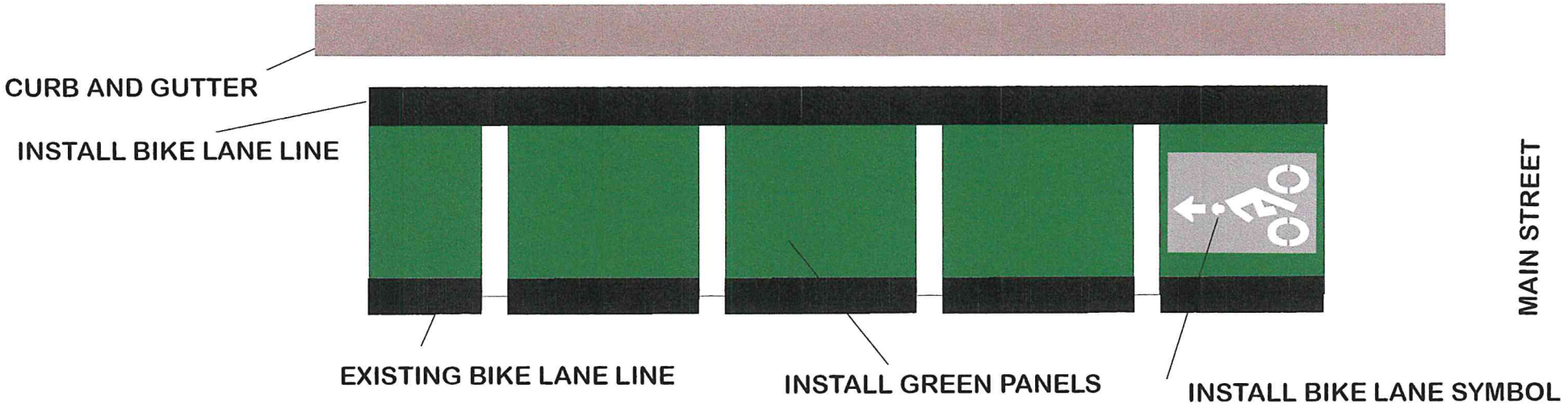


SHARROW



SECTION 5


PANEL 2
STREET LIGHT
*
VALLEY STREET
SECTION 8
2nd STREET
STREET LIGHT
SECTION 7
SECTION 6
STREET LIGHT
*
MAIN STREET





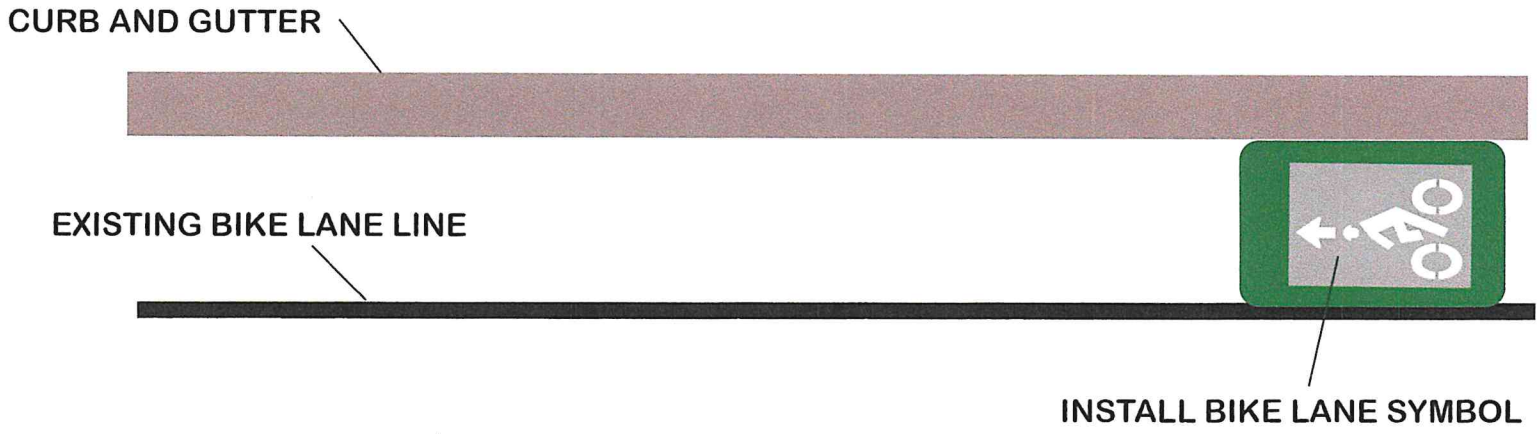
BIKE LANE SYMBOL

PROPOSED WORK

INSTALL GREEN BIKE LANE PANELS.
INSTALL BIKE LANE SYMBOL ON GREEN PANEL
INSTALL BIKE LANE LINE

SECTION 6

2ND STREET



PROPOSED WORK

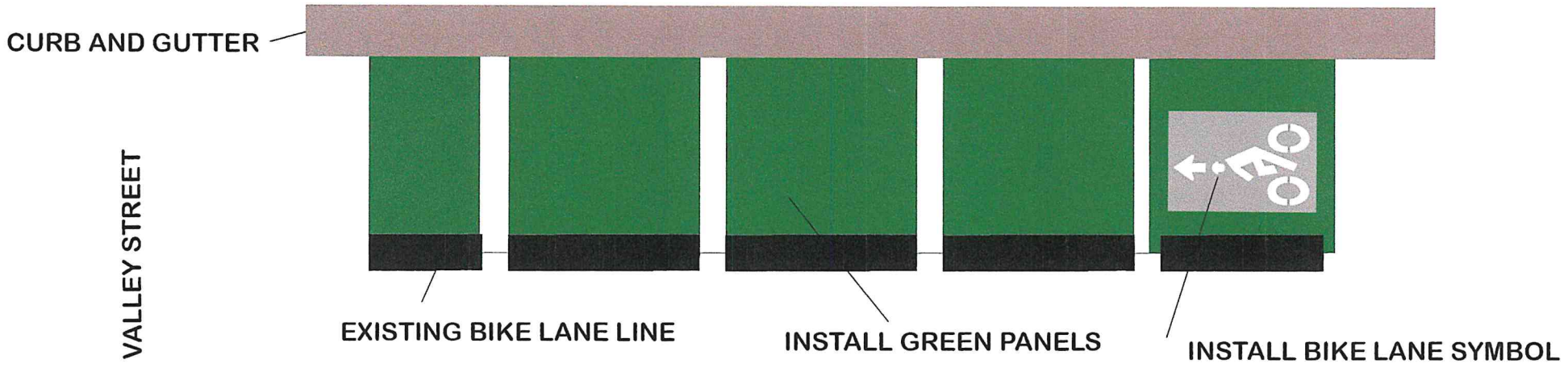
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND



BIKE LANE SYMBOL

SECTION 7

2nd STREET





BIKE LANE
SYMBOL

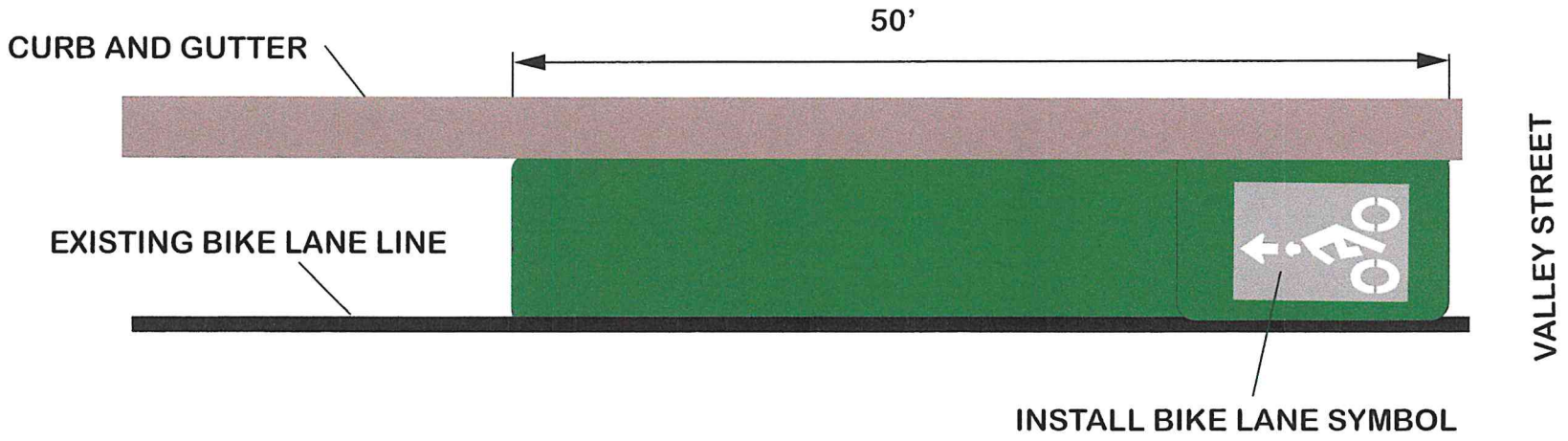
PROPOSED WORK

INSTALL GREEN BIKE LANE PANELS.
INSTALL BIKE LANE SYMBOL ON GREEN PANEL

SECTION 8

2ND STREET

PANEL 3
VALLEY STREET
SECTION 9
SECTION 10
STREET LIGHT
SECTION 12
SOUTH STREET
STREET LIGHT
2nd STREET
SAUSALITO BLVD.
SECTION 11





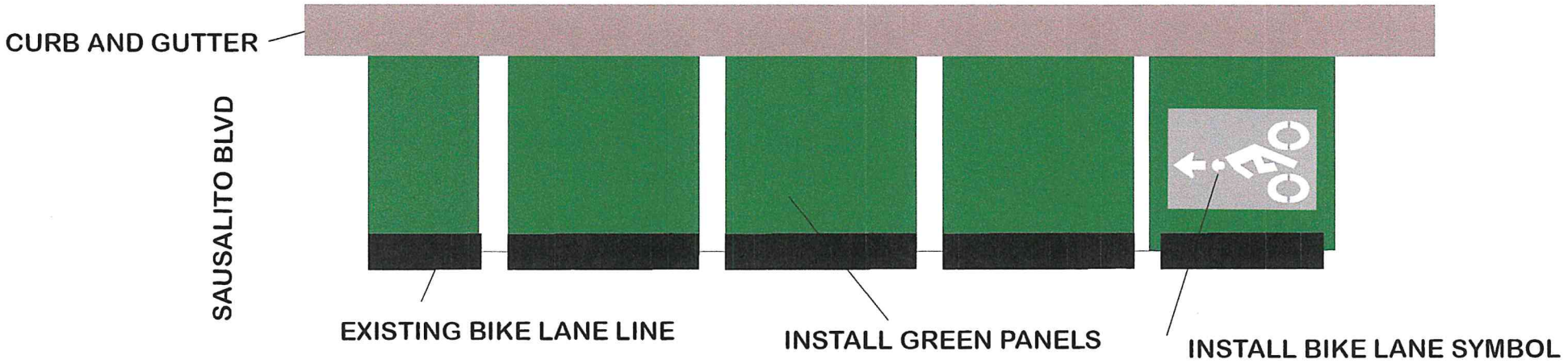
BIKE LANE SYMBOL

PROPOSED WORK

INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND
INSTALL SOLID GREEN LANE COLOR

SECTION 9

2nd STREET





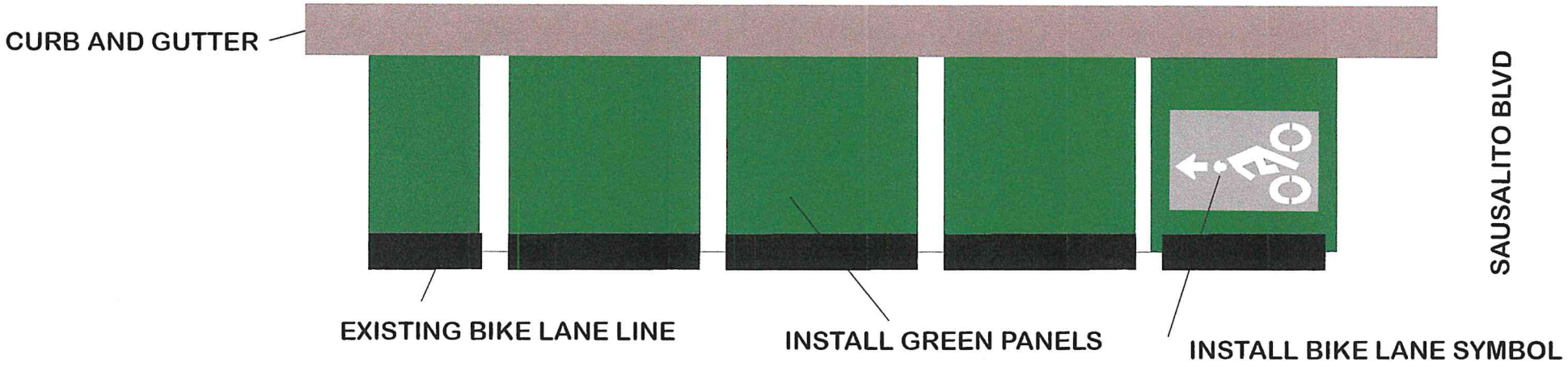
BIKE LANE
SYMBOL

PROPOSED WORK

INSTALL GREEN BIKE LANE PANELS.
INSTALL BIKE LANE SYMBOL ON GREEN PANEL

SECTION 10

2ND STREET





BIKE LANE
SYMBOL

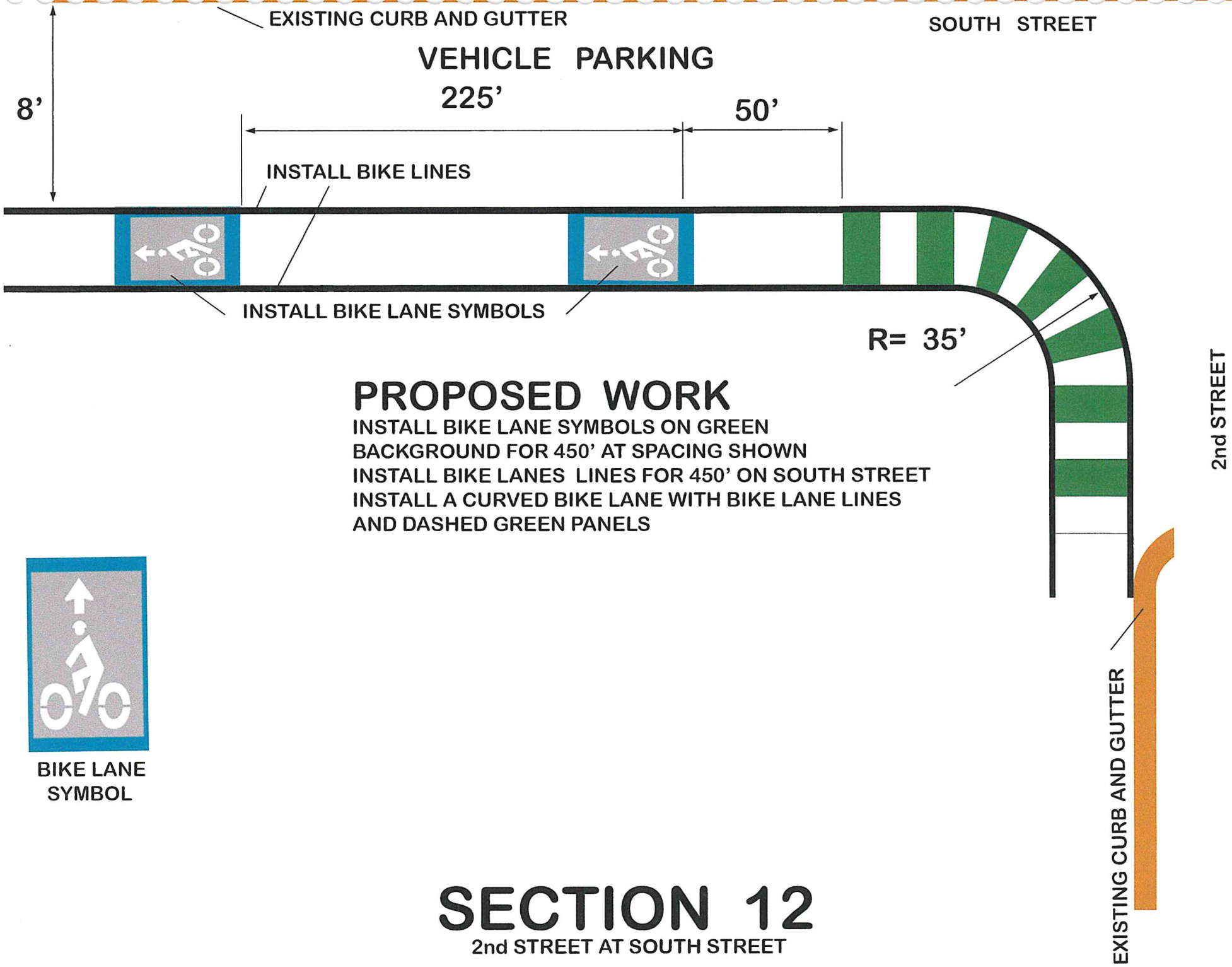
PROPOSED WORK

INSTALL GREEN BIKE LANE PANELS.
INSTALL BIKE LANE SYMBOL ON GREEN PANEL

SECTION 11

2ND STREET


SECTION 12
STREET LIGHT
SOUTH STREET
PANEL 4
SwimWell Marin,
Gloria Pomilia



PROPOSED WORK

INSTALL BIKE LANE SYMBOLS ON GREEN BACKGROUND FOR 450' AT SPACING SHOWN
INSTALL BIKE LANES LINES FOR 450' ON SOUTH STREET
INSTALL A CURVED BIKE LANE WITH BIKE LANE LINES AND DASHED GREEN PANELS

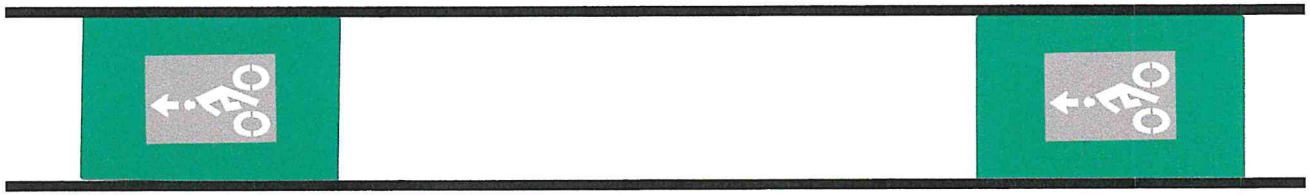
BIKE LANE SYMBOL

SECTION 12

2nd STREET AT SOUTH STREET

ALEXANDER AVENUE
SECTION 15
REPLACE EXISTING AVISORY
SPEED LIMIT SIGN WITH
15 MPH SPEED LIMIT SIGN
SECTION 14
SECTION 13
N
PANEL 5

BIKE LANE SYMBOL AT 75' TYPICAL





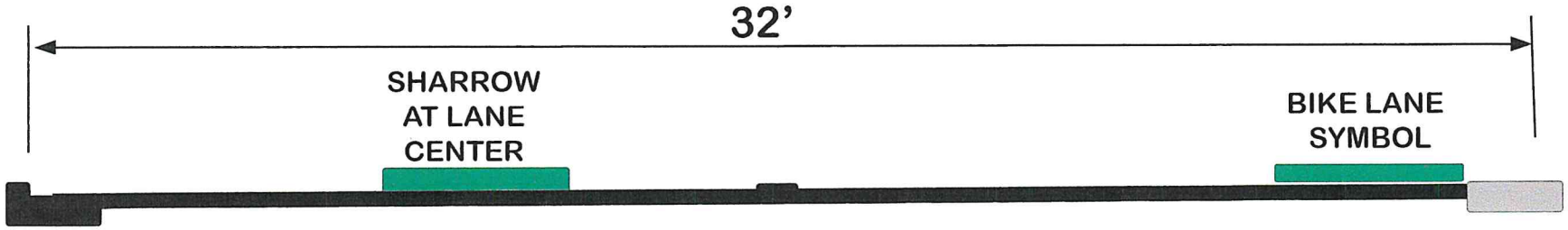
BIKE LANE SYMBOL

PROPOSED WORK

INSTALL BIKE LANE LINES AS REQUIRED
INSTALL BIKE LANE SYMBOLS WITH GREEN BACKGROUND
INSTALL SHARROWS ON GREEN BACKGROUND



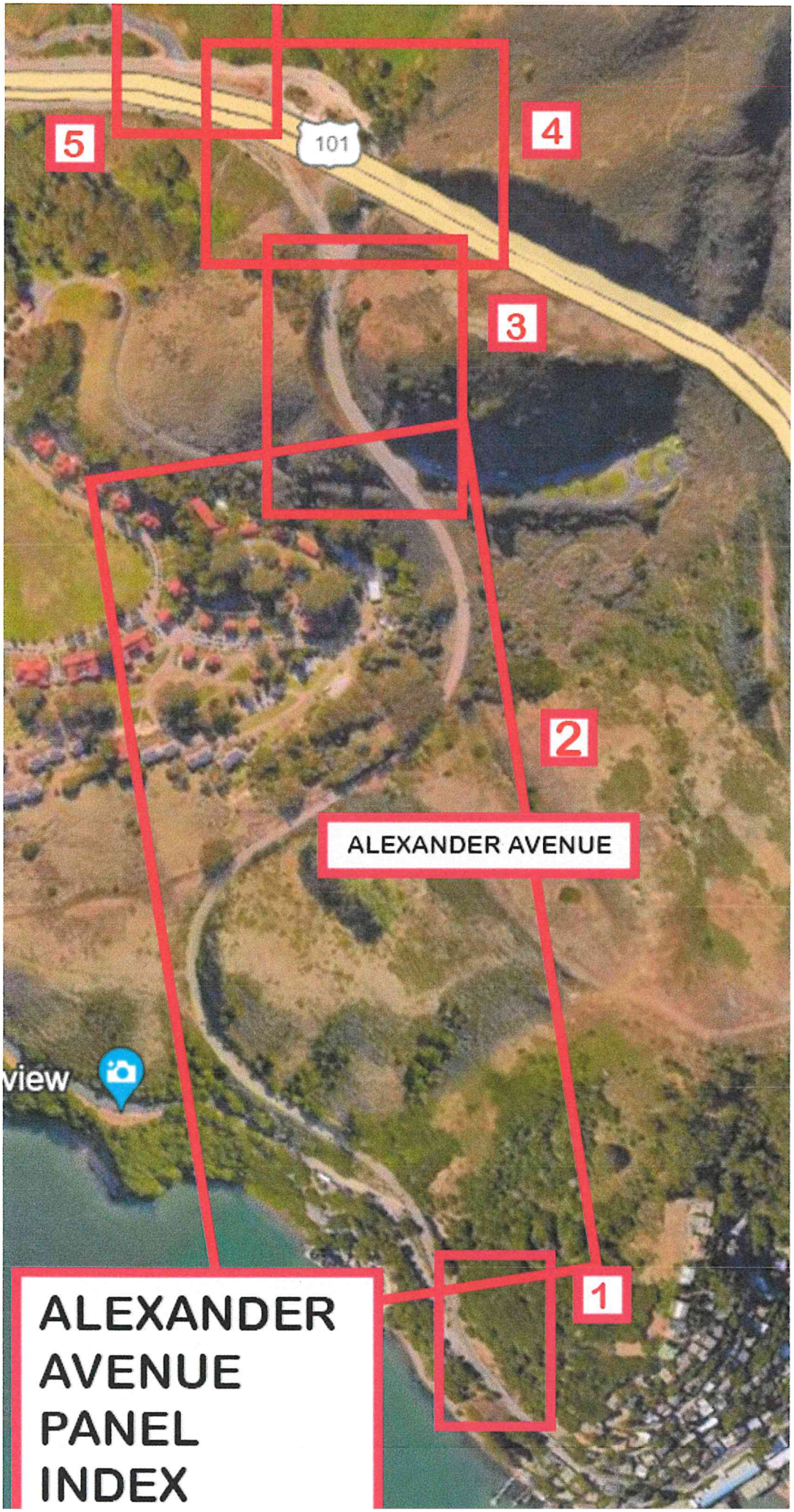
SHARROW

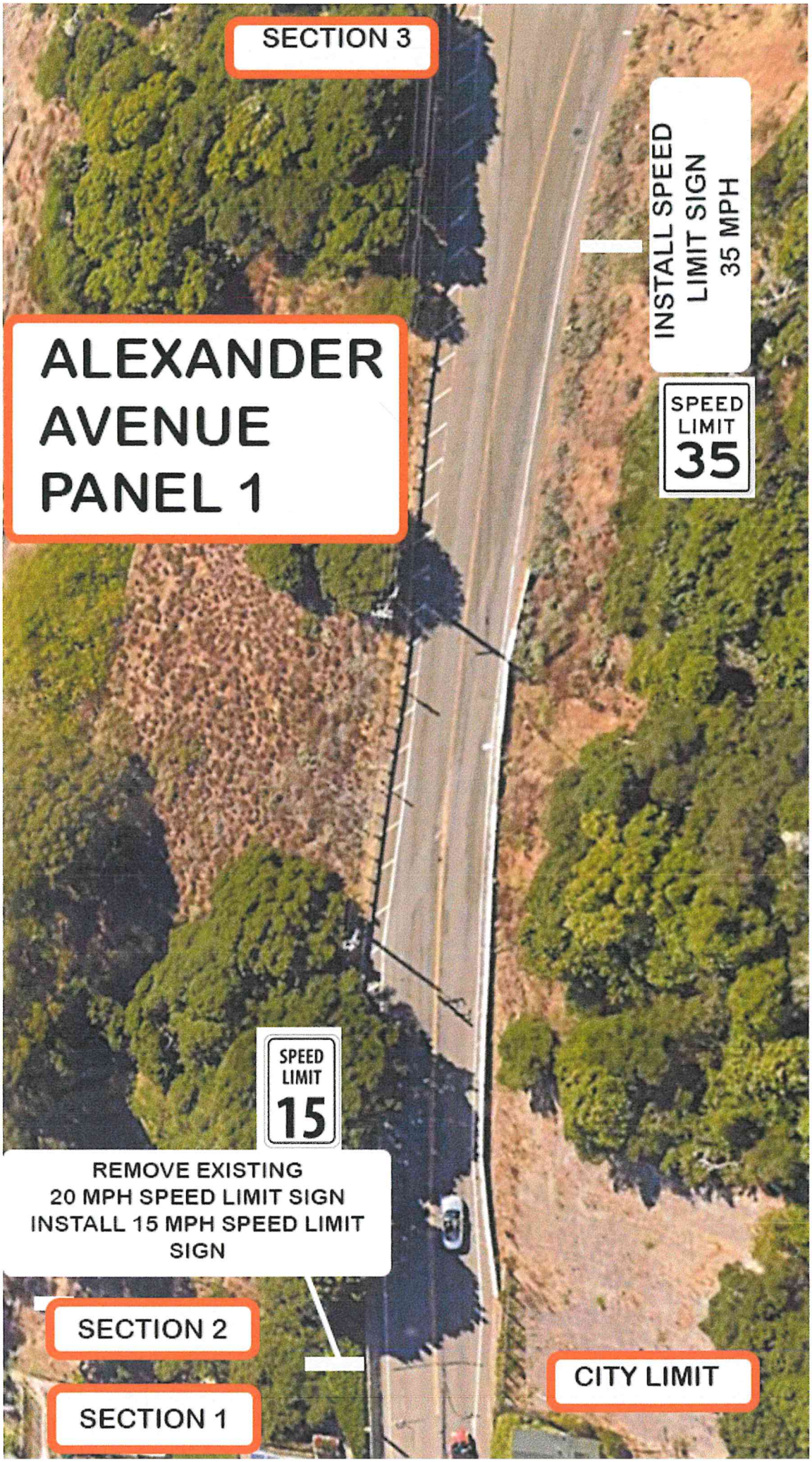


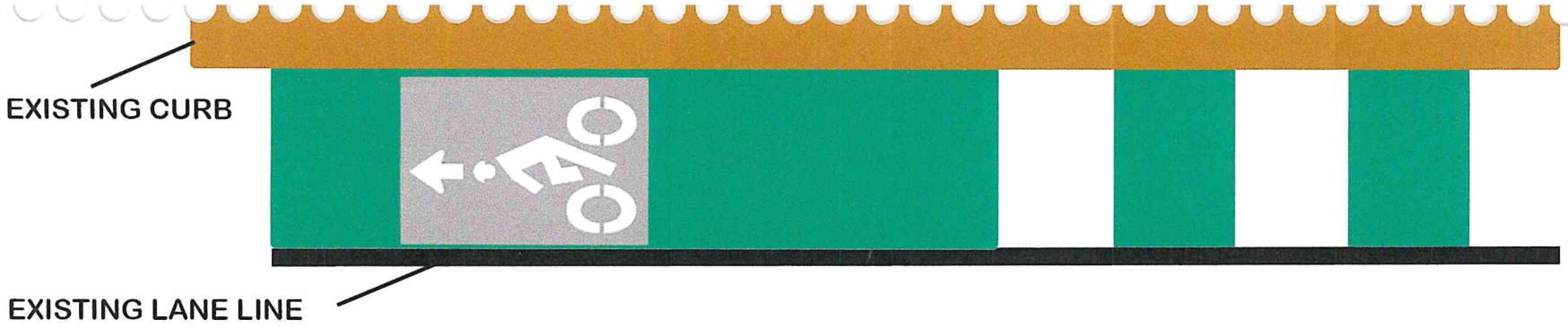
TRANSION LANE OFFSET OVER 25' STARTING AT RED CURB

SECTION 13, 14 AND 15

ALEXANDER STREET


5
101
4
3
2
ALEXANDER AVENUE
1
ALEXANDER AVENUE PANEL INDEX


SECTION 3
ALEXANDER AVENUE PANEL 1
INSTALL SPEED LIMIT SIGN 35 MPH
SPEED LIMIT 35
SPEED LIMIT 15
REMOVE EXISTING 20 MPH SPEED LIMIT SIGN INSTALL 15 MPH SPEED LIMIT SIGN
SECTION 2
SECTION 1
CITY LIMIT



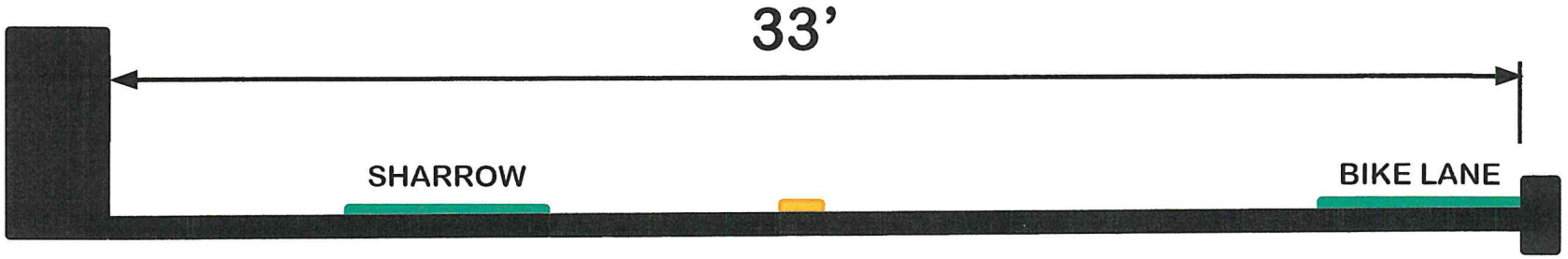


BIKE LANE SYMBOL

PROPOSED WORK

INSTALL BIKE LANE SYMBOL ON EXTENDED GREEN BACKGROUND AND DASHED GREEN LANE RECTANGLES

INSTALL SHARROW AT OPOSITE LANE AT LANE CENTER



SECTION 1

ALEXANDER AVENUE

EXISTING K RAILS

EXISTING BIKE LANE LINE



INSTALL SHARROWS - 75' OC
CENTER ON TRAVELED LANE

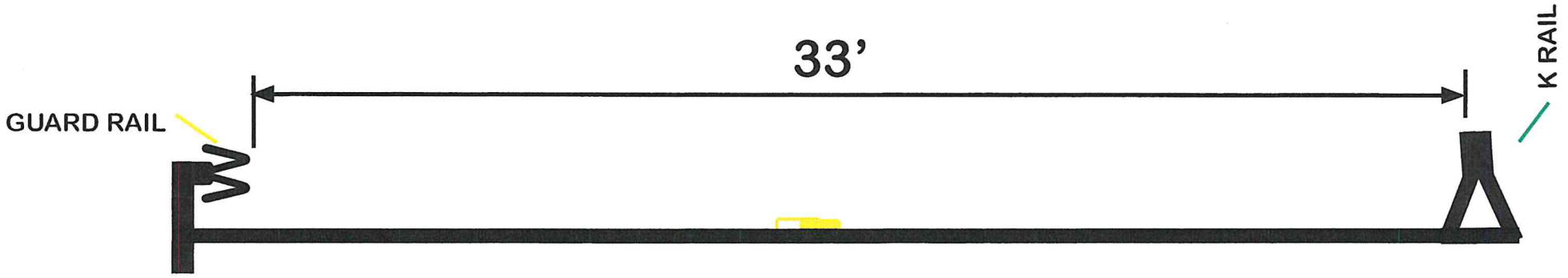
PROPOSED WORK
INSTALL SHARROWS AT CENTER
OF LANE



SHARROW'S CENTER
AT START OF K RAIL

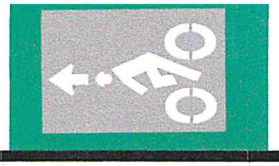


SHARROW



SECTION 2

ALEXANDER AVENUE



EXISTING BIKE LANE LINE

PROPOSED WORK

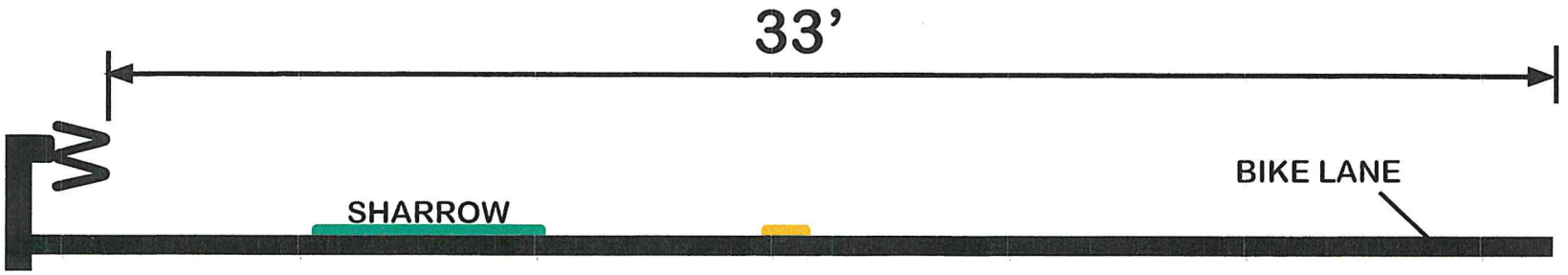
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND
INSTALL SHARROW ON GREEN BACKGROUND AT OPPOSITE SIDE OF ROAD AT LANE CENTER



SHARROW

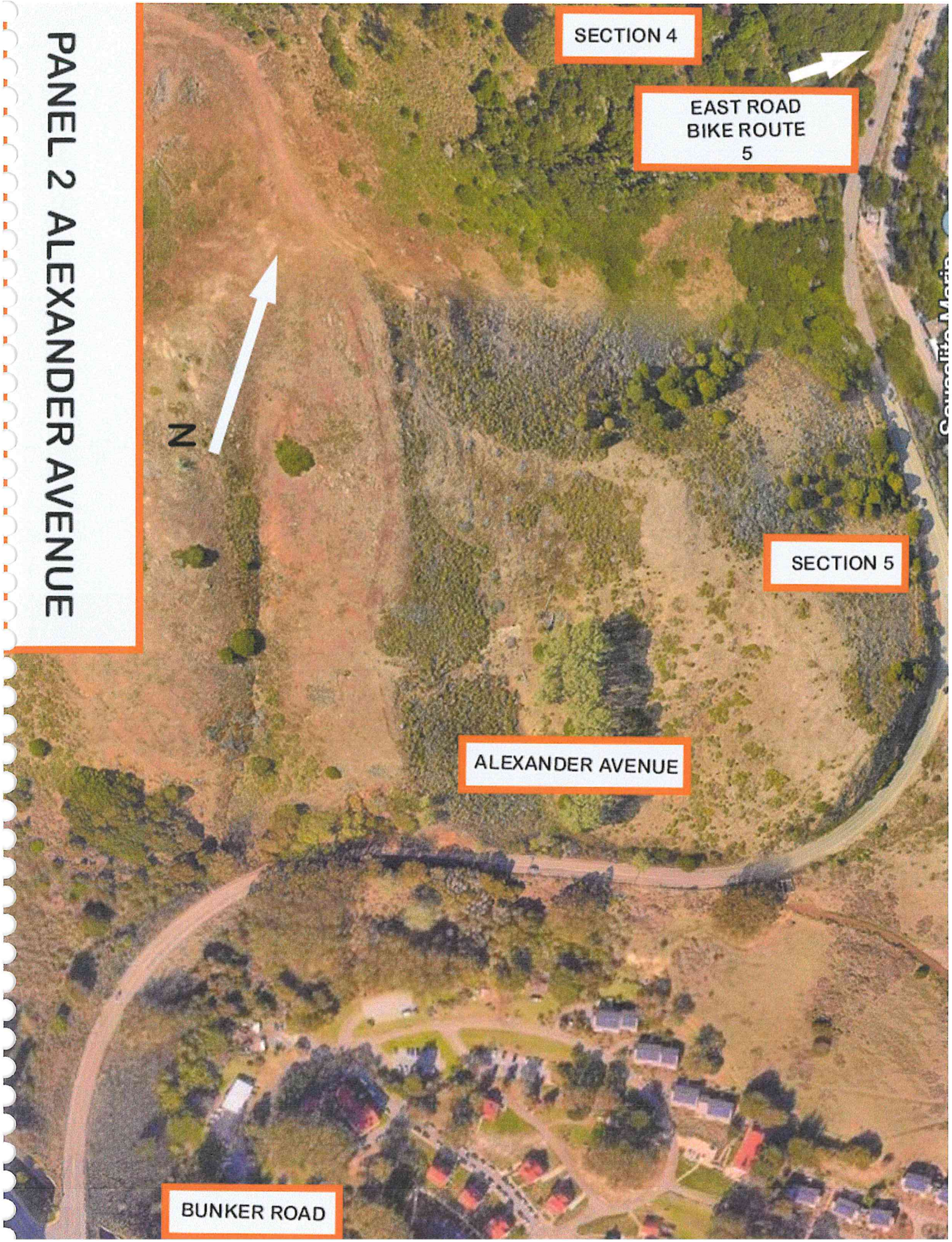


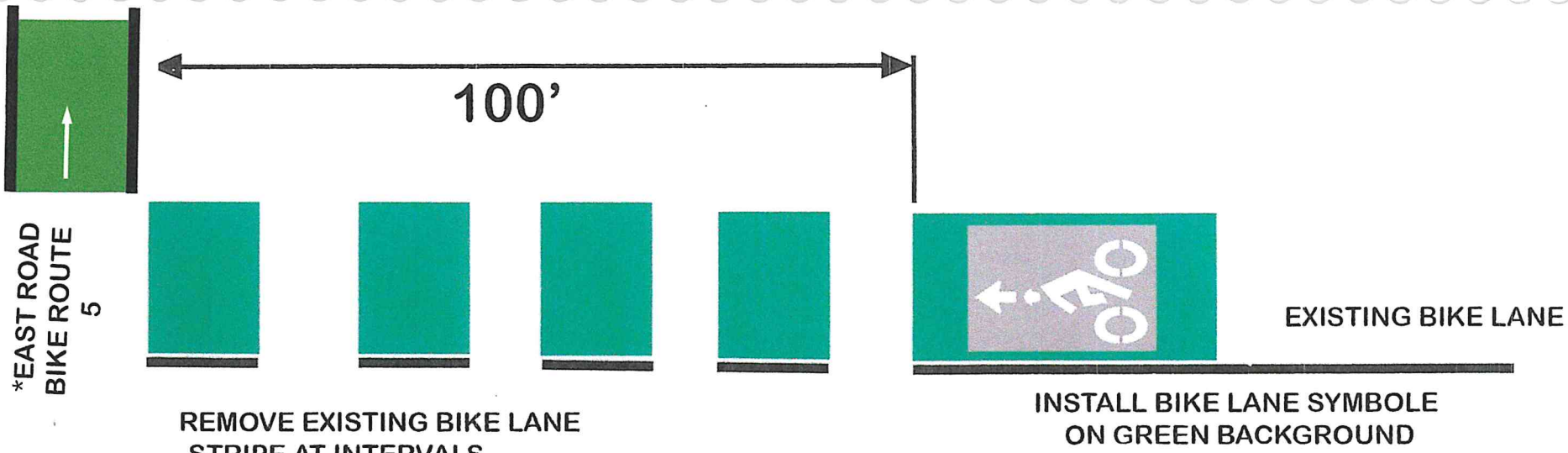
BIKE LANE SYMBOL



SECTION 3

ALEXANDER AVENUE


PANEL 2 ALEXANDER AVENUE
SECTION 4
EAST ROAD
BIKE ROUTE
5
N
SECTION 5
ALEXANDER AVENUE
BUNKER ROAD





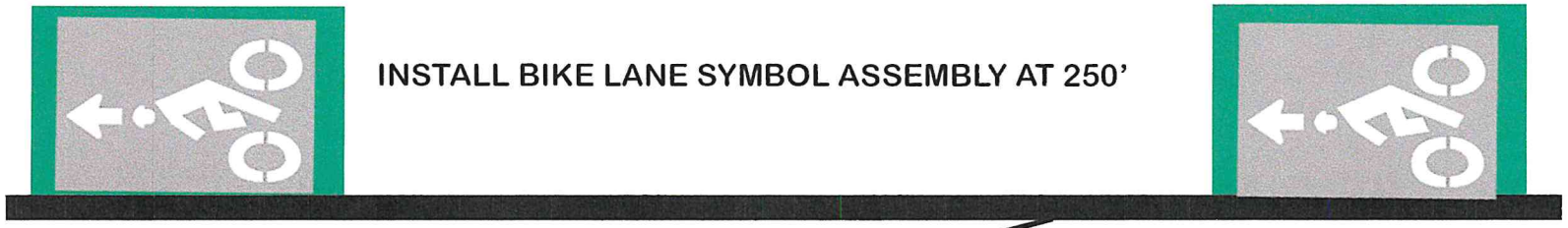
BIKE LANE
SYMBOL

PROPOSED WORK

REMOVE EXISTING BIKE LANE STRIPE
AT INTERVALS AS REQUIRED
INSTALL GRENN PANELS AS
REQUIRED
INSTALL BIKE LANE SYMBOL AS
SHOWN
*INSTALL ON EAST ROAD BIKE LANE
WITH 20' GREEN BACKGROUND
AND BIKE LANE SYMBOL AT
2' FROM START

SECTION 4

ALEXANDER AVENUE

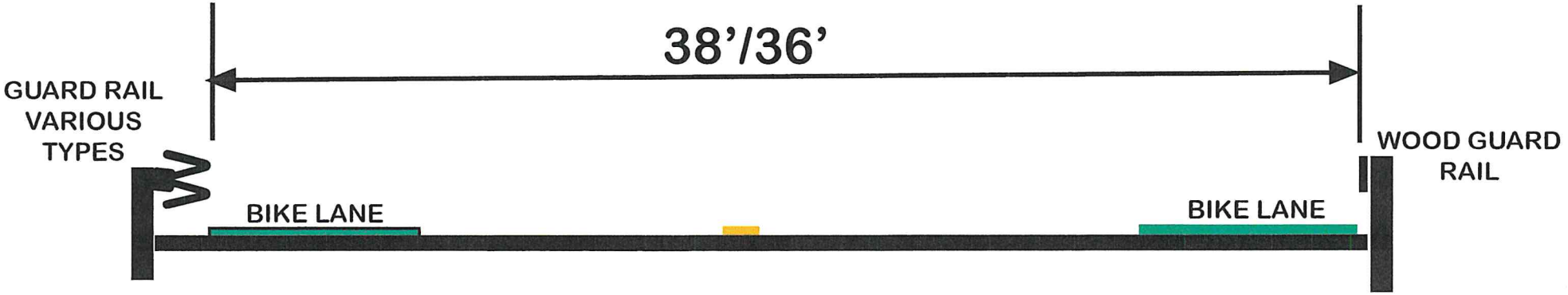


PROPOSED WORK



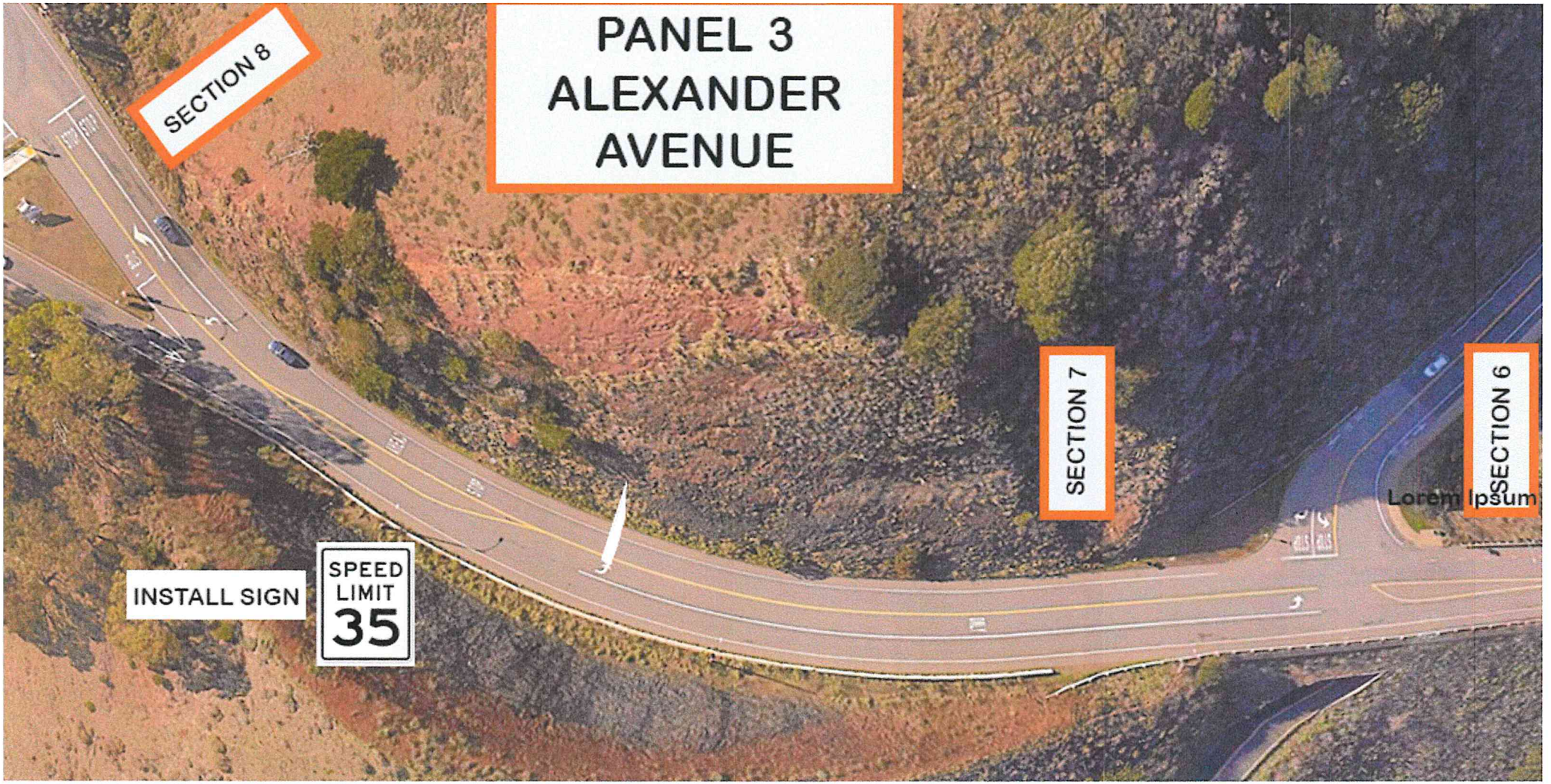
BIKE LANE SYMBOL

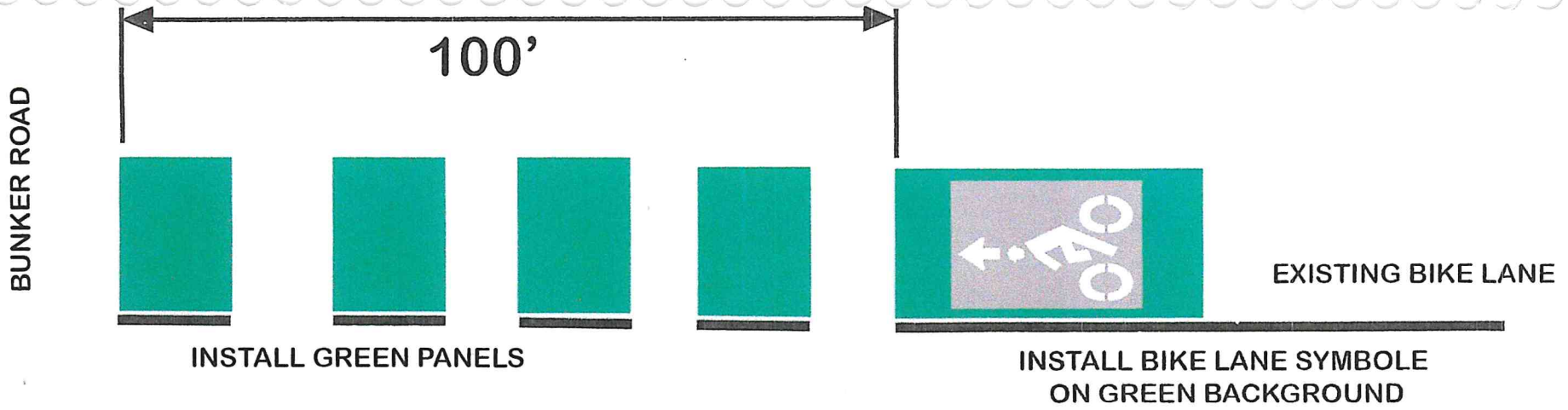
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND AT 250' FOR 3,000'
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND AT 250' AT OPPOSITE LANE FOR 3,000'
REPAIR DEFICIENT ASPHALT AS REQUIRED TO ACCEPT BIKE LANES
CLEAR BIKE LANES AT SHOULDER OF ALL ENCROACHING LANDSCAPE MATERIAL AND SOIL
REMOVE EXISTING WOOD GUARD RAILS.
INSTALL RATED CALTRANS TYPE



SECTION 5

ALEXANDER AVENUE


PANEL 3
ALEXANDER
AVENUE
SECTION 8
SECTION 7
SECTION 6
INSTALL SIGN
SPEED
LIMIT
35
Lorem Ipsum





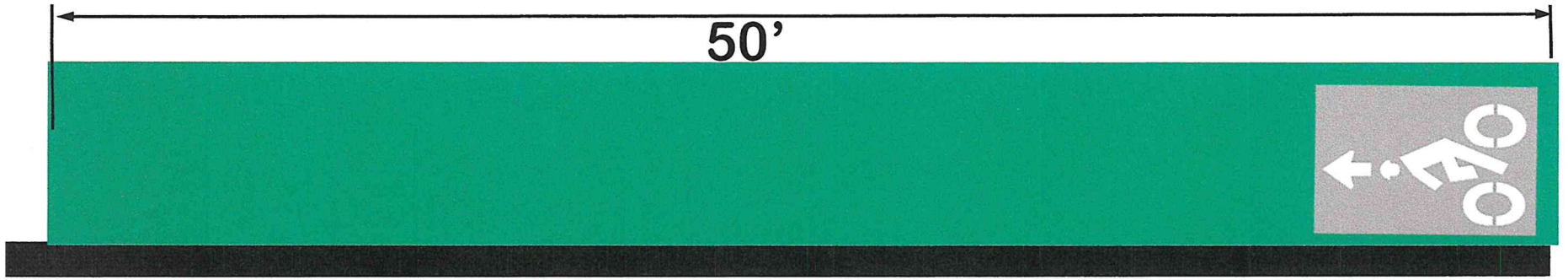
BIKE LANE
SYMBOL

PROPOSED WORK

INSTALL GREEN PANELS AT
EXISTING BIKE LANE STRIPES
INSTALL BIKE LANE SYMBOLE
AS SHOWN AT GREEN PANEL

SECTION 6

ALEXANDER AVENUE

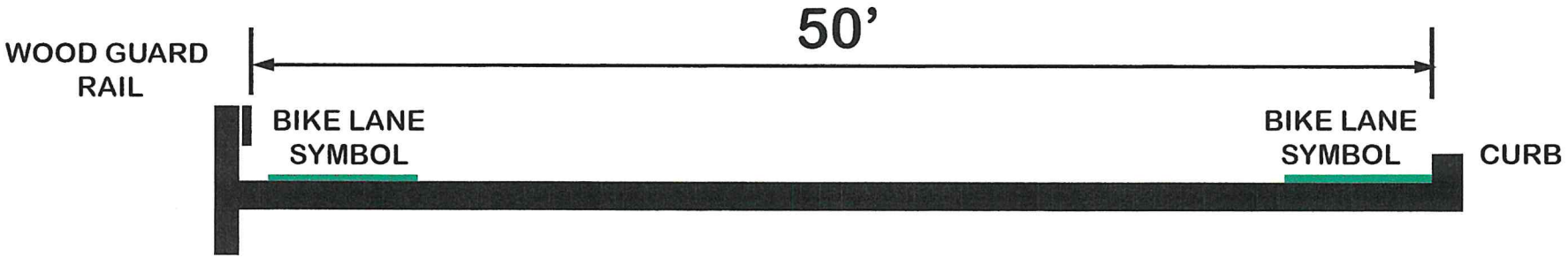




BIKE LANE
SYMBOL

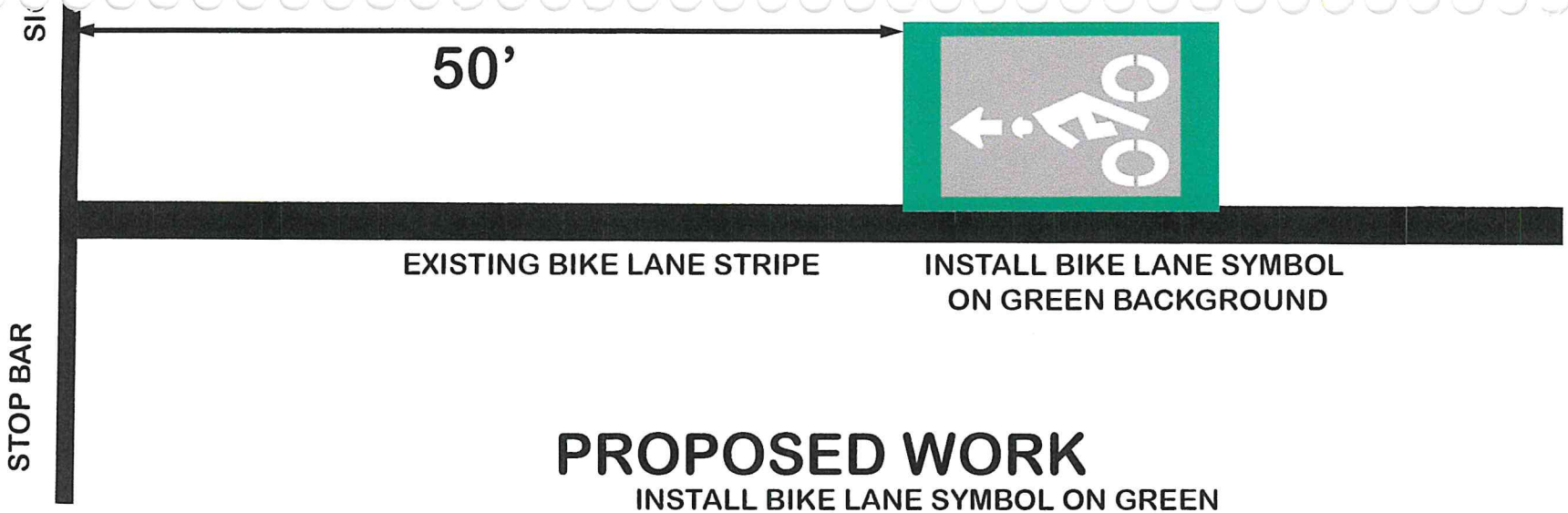
PROPOSED WORK

INSTALL GREEN PANEL AS LOCATED AS SHOWN
INSTALL BIKE LANE SYMBOL
INSTALL BIKE LANE SYMBOL ON A GREEN PANEL
AT OPPOSITE LANE



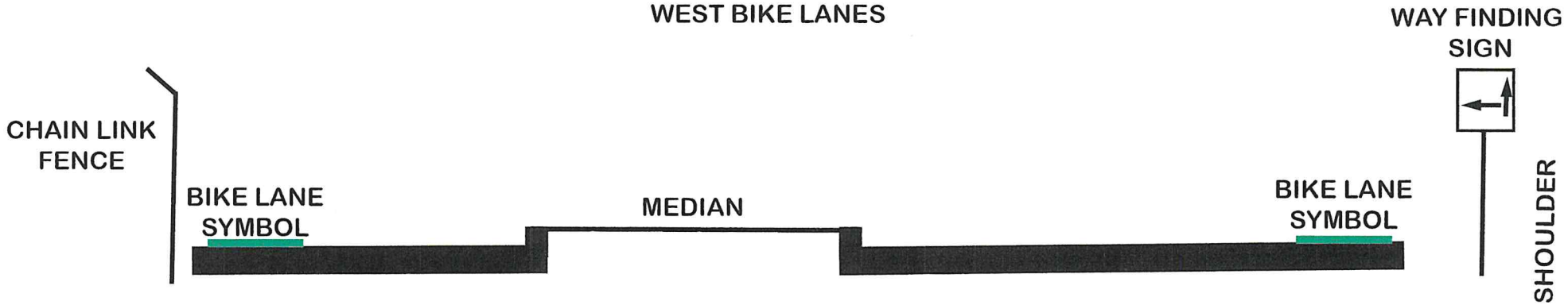
SECTION 7

ALEXANDER AVENUE



PROPOSED WORK

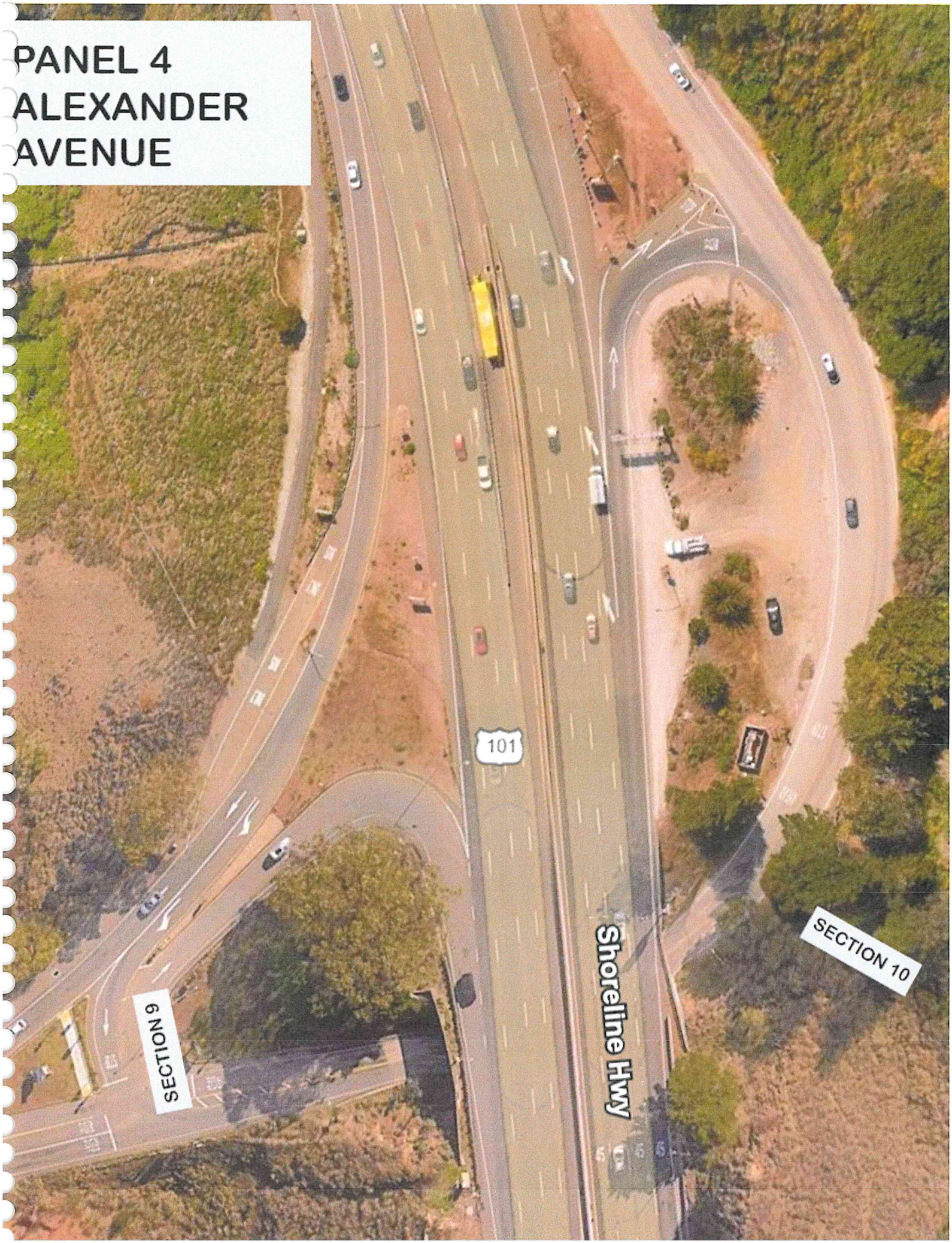
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND
INSTALL BIKE LANE SYMBOL ON GREEN BACKGROUND ON OPPOSITE LANE
INSTALL A WAY FINDING SIGN TO DELINEATE THE ROUTE TO THE BRIDGE’S EAST AND WEST BIKE LANES

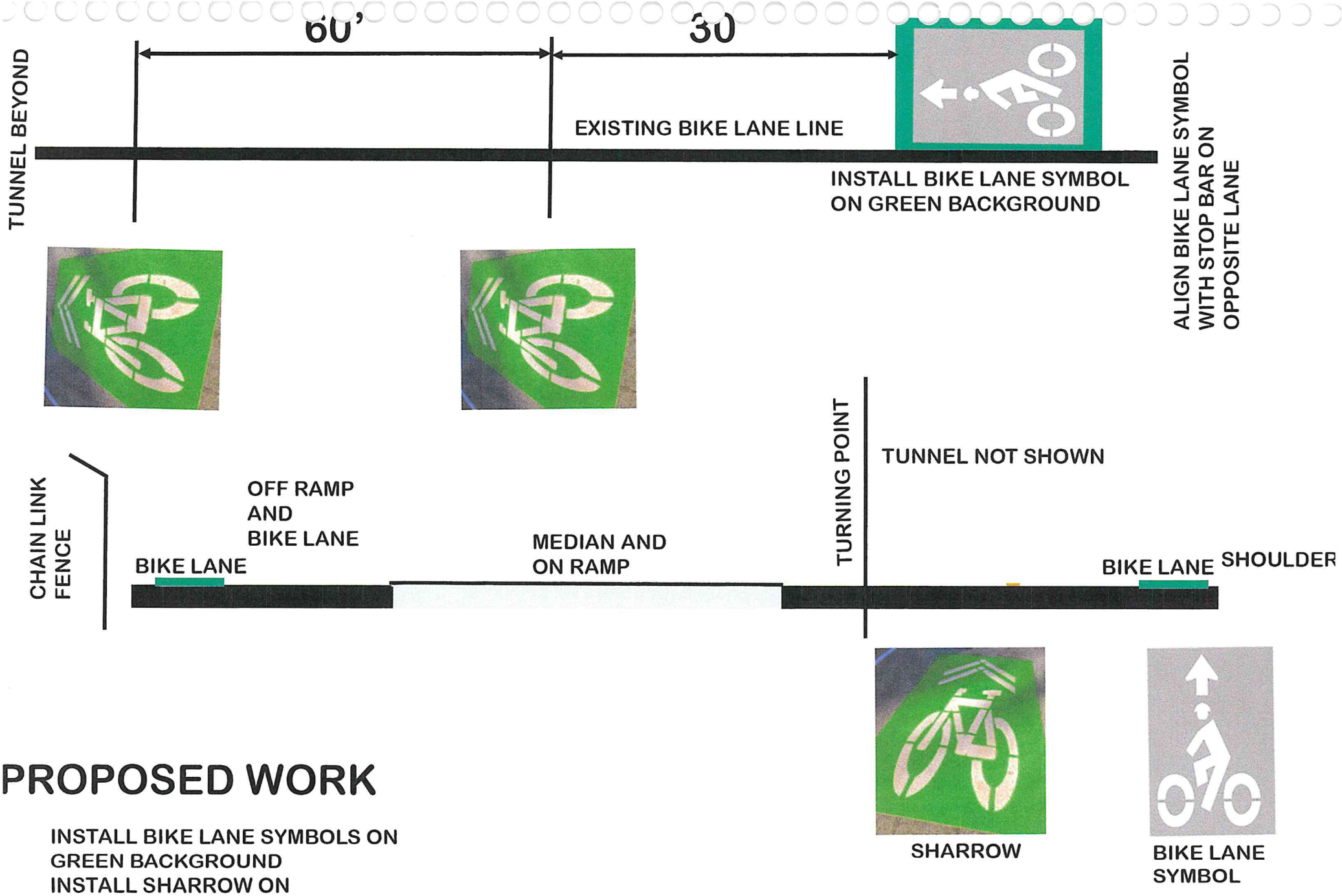


SECTION 8

ALEXANDER AVENUE

PANEL 4
ALEXANDER AVENUE





SHARROW

BIKE LANE
SYMBOL

PROPOSED WORK

INSTALL BIKE LANE SYMBOLS ON
GREEN BACKGROUND
INSTALL SHARROW ON
GREEN BACKGROUND

SECTION 9

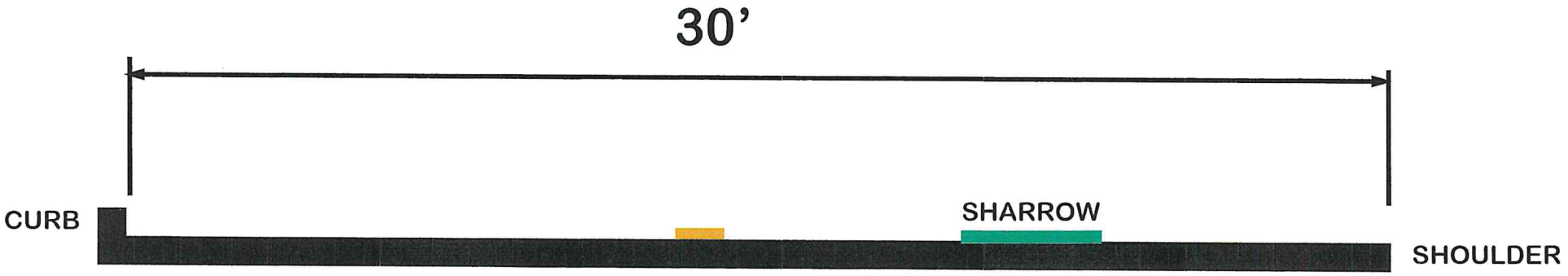
ALEXANDER AVENUE

PROPOSED WORK

INSTALL 3 SHARROWS AT LANE
CENTER LINE AT 200' APART

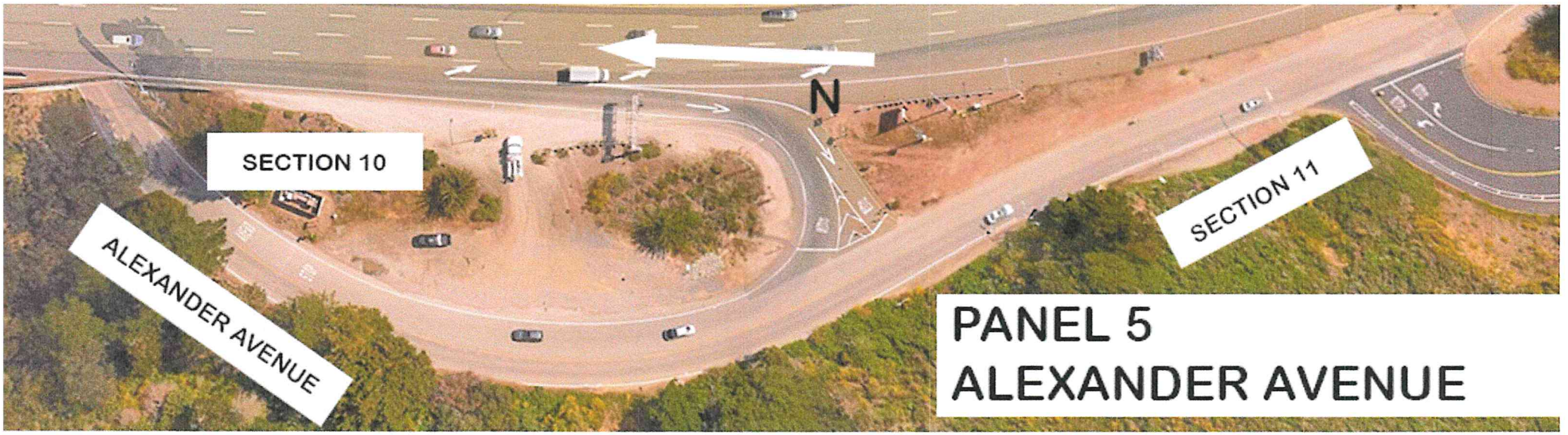


SHARROW



SECTION 10

ALEXANDER AVENUE



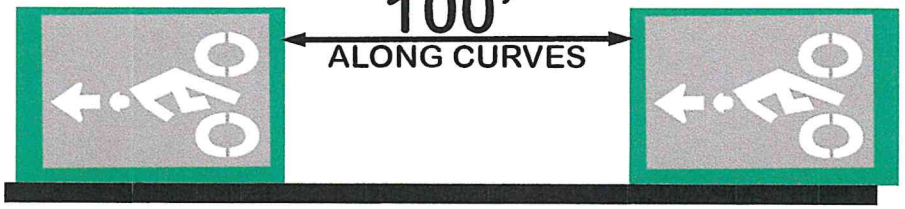
PANEL 5
ALEXANDER AVENUE

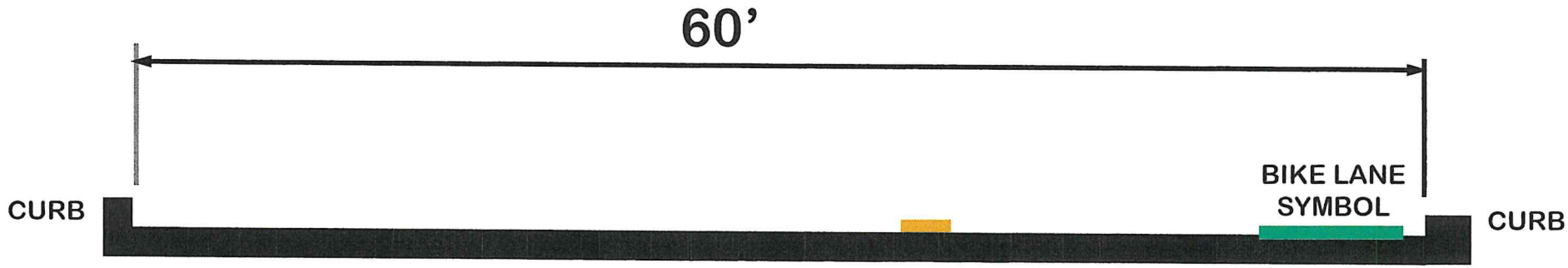
PROPOSED WORK

INSTALL 2 BIKE LANE SYMBOLS
ON GREEN BACKDROUND
AT 100' APART



BIKE LANE
SYMBOL





SECTION 11

CONZELMAN ROAD

TABLE OF EXISTING LUMINAIRES

LOCATION	MANUFACTURE	MODEL	LUMENS	WATTS	DIAGRAM #
1	LEOTEK	30E-530ma	5,600	52	
2	RELUME	20C-530ma		35	
3	RELUME LEOTEK	20C/30E-530ma	2,600 5,600	35 52	
4	RELUME	20C-530ma		35	
5	RELUME	20C-530ma		35	
6	RELUME	20C-530ma		35	
7	LEOTEK	40E-530ma	9,600	67	
8	LEOTEK	60E-530ma	10,500	106	
9	LEOTEK	60E-530ma	10,500	106	
10	LEOTEK	40E-530ma	9,600	67	
11	LEOTEK	80E-530ma	19,000	133	
12	LEOTEK	80E-539ma	19,000	133	
13	LEOTEK	30E-530ma	5,600	52	
14	LEOTEK	30E-530ma	5,600	52	

LOCATION	MANUFACTURE	MODEL	LUMENS	WATTS	DIAGRAM #
15	LEOTEK	40E-530ma	9,600	67	
16	LEOTEK	40E-530ma	9,600	67	
17	LEOTEK	30E-530ma	5,600	52	
18	LEOTEK	30E-530ma	5,600	52	
19	LEOTEK	30E-530ma	5,600	52	

TABLE OF NEW LUMINAIRES

LOCATION	MANUFACTURE	MODEL	LUMENS	WATTS	DIAGRAM #
1	CREE LIGHTING	A	13,400	149	
2	CREE LIGHTING	B POLES	24,200	148	
3	CREE LIGHTING	B	24,200	148	
4	CREE LIGHTING	F POLES	16,500	104	
5	CREE LIGHTING	C POLES	16,400	182	
6	CREE LIGHTING	D	15,000	167	
7	-				
8	CREE LIGHTING	E	16,400	182	
9	CREE LIGHTING	D	15,000	167	
10	CREE LIGHTING	D	15,000	167	
11	-				
12	-				
13	-				
14	-				

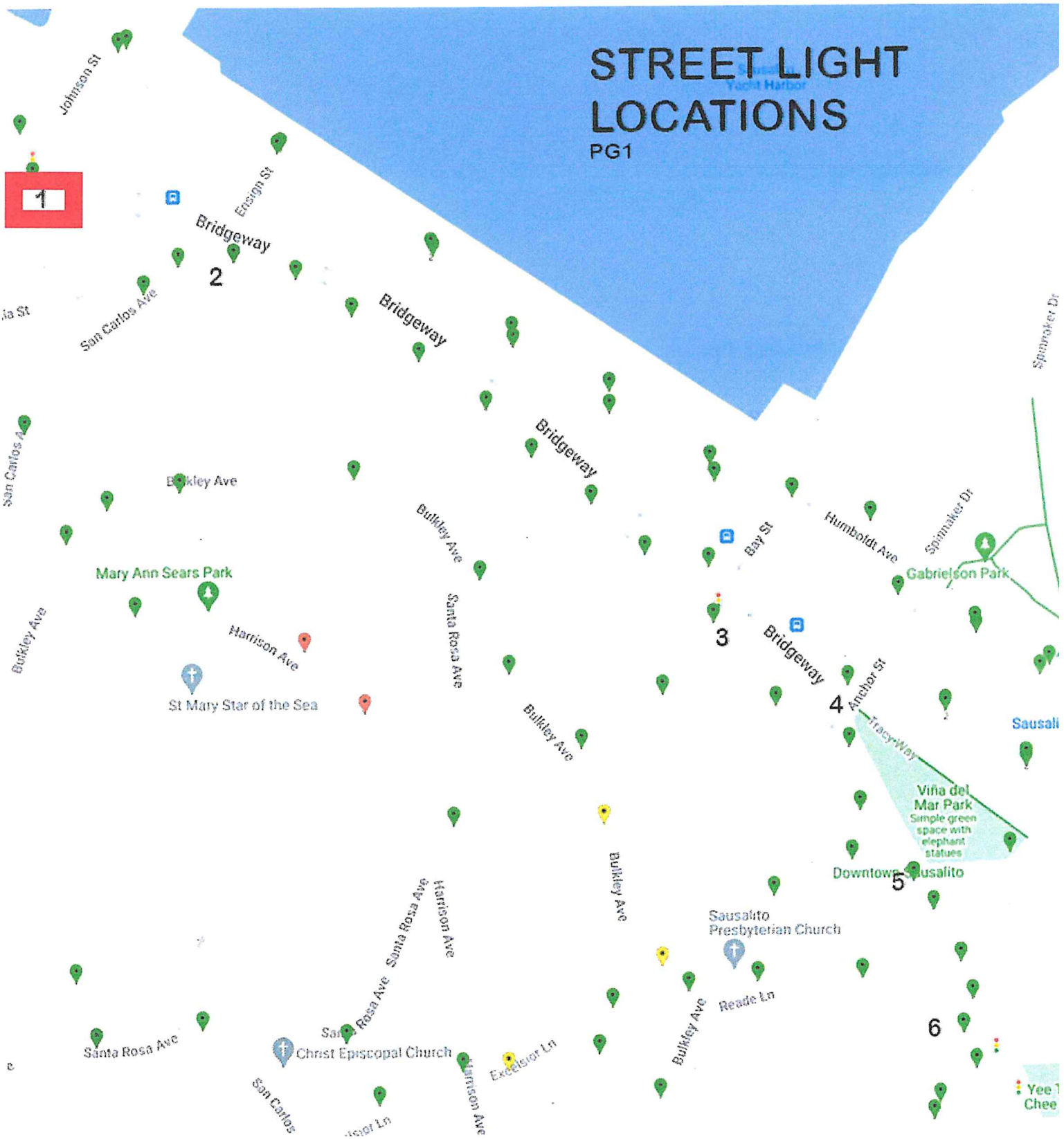
TABLE OF NEW LUMINAIRES

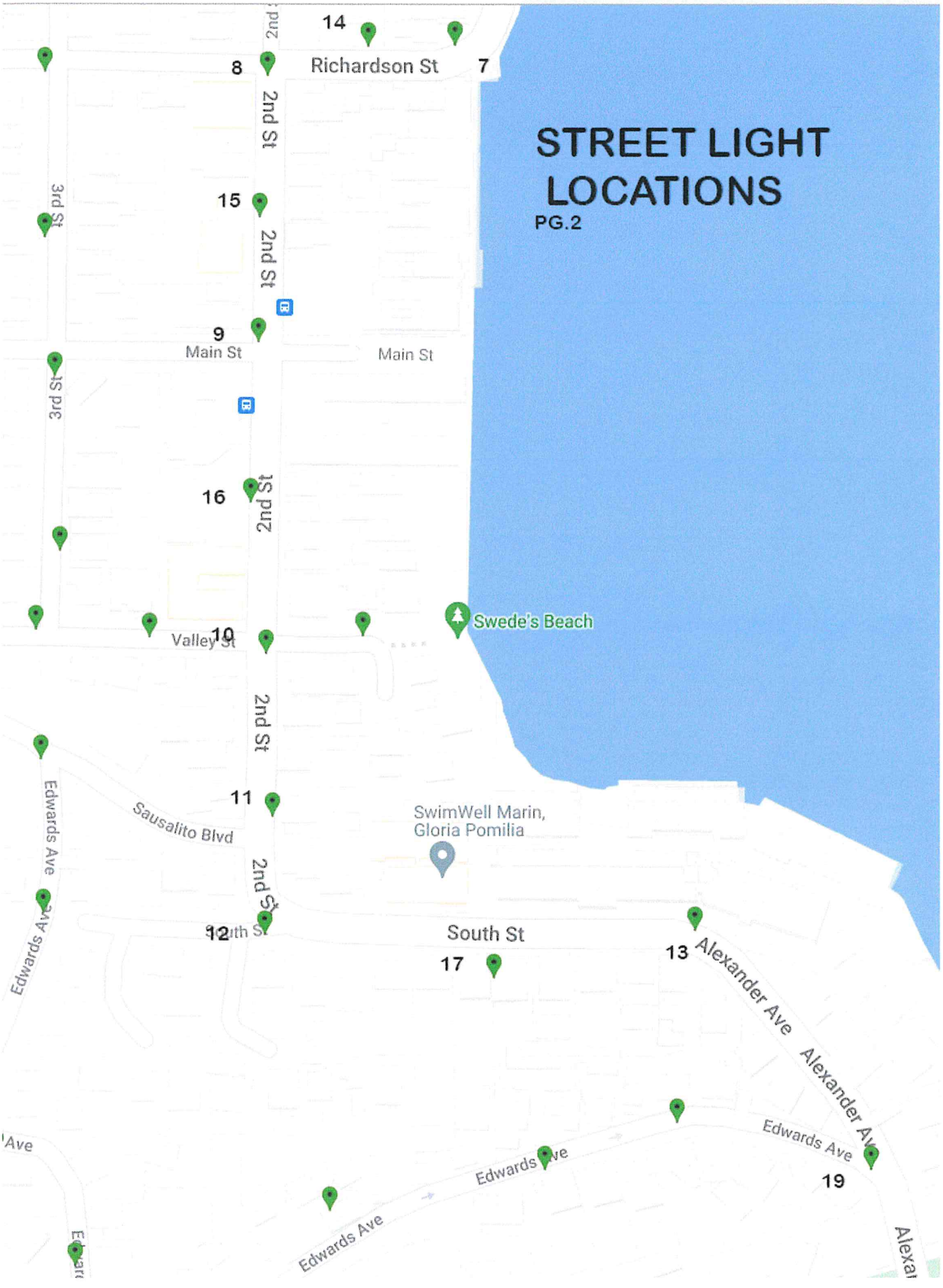
LOCATION	MANUFACTURE	MODEL	LUMENS	WATTS	DIAGRAM
15	-				
1 6	-				
17	-				
18	CREE LIGHTING	E POLES	16,400	182	
19	CREE LIGHTING	D POLES	15.000	167	

A. STR-LWY-2M-09-E-UL-525-40K
B. GWYS-A-25L-40K7-4M-UL
C. STR-LWY-4M-HT-11-E-UL-525-40K
D. STR-LWY-2M-HT-10-E-UL-525-40K
E. STR-LWY-2M-HT-11-E-UL-525-40K
F. GWYS-A-17L-40K7-4M-UL

STREET LIGHT LOCATIONS

PG1




STREET LIGHT LOCATIONS
PG.2
14
Richardson St
7
8
2nd St
15
2nd St
3rd St
9
Main St
Main St
3rd St
16
2nd St
Swede's Beach
Valley St
10
2nd St
11
Sausalito Blvd
SwimWell Marin, Gloria Pomilia
2nd St
Edwards Ave
12
South St
17
13
Alexander Ave
Alexander Ave
Edwards Ave
Edwards Ave
Edwards Ave
19

The 5 main **challenges for pedestrian crossings**

1 Distinguishing the crossing from its surroundings



2 Increasing driver vigilance



3 Making pedestrians visible in any conditions



4 Encouraging pedestrians to cross the road safely



5 Minimising glare for drivers and pedestrians



1001.3 Vehicle Code References

(a) Section 21200 – Bicyclist's rights and responsibilities for traveling on highways.

(b) Section 21202 – Bicyclist's position on roadways when traveling slower than the normal traffic speed.

(c) Section 21206 – Allows local agencies to regulate operation of bicycles on pedestrian or bicycle facilities.

(d) Section 21207 – Allows local agencies to establish bike lanes on non-State highways.

(e) Section 21207.5 – Prohibits motorized bicycles on bike paths or bike lanes.

(f) Section 21208 – Specifies permitted movements by bicyclists from bike lanes.

(g) Section 21209 – Specifies permitted movements by vehicles in bike lanes.

(h) Section 21210 – Prohibits bicycle parking on sidewalks unless pedestrians have an adequate path.

(i) Section 21211 – Prohibits impeding or obstruction of bicyclists on bike paths.

(j) Section 21400 – Adopt rules and regulations for signs, markings, and traffic control devices for roadways user.

(k) Section 21401 – Only those official traffic control devices that conform to the uniform standards and specifications promulgated by the Department of Transportation shall be placed upon a street or highway.

(l) Section 21717 – Requires a motorist to drive in a bike lane prior to making a turn.

(m) Section 21960 – Use of freeways by bicyclists.

(n) Section 21966 – No pedestrian shall proceed along a bicycle path or lane where there is an adjacent adequate pedestrian facility.

1003.3 Class III Bikeways (Bike Routes)

Class III bikeways (bike routes) are intended to provide continuity to the bikeway system. Bike routes are established along through routes not served by Class I or II bikeways, or to connect discontinuous segments of bikeway (normally bike lanes). Class III facilities are facilities shared with motor vehicles on the street, which may be indicated by placing bike route signs along roadways. Additional enhancement of Class III facilities can be provided by adding shared roadway markings along the route. For application and placement of signs and pavement markings, see the California MUTCD Sections 9B and 9C.

Minimum widths for Class III bikeways are represented, in the minimum standards for highway lanes and shoulder.

Since bicyclists are permitted on all highways (except prohibited freeways), the decision to designate the route as a bikeway should be based on the advisability of encouraging bicycle travel on the route and other factors listed below.

(1) On-street Bike Route Criteria. To be of benefit to bicyclists, bike routes should offer a higher degree of service than alternative streets. Routes should be signed only if some of the following apply:

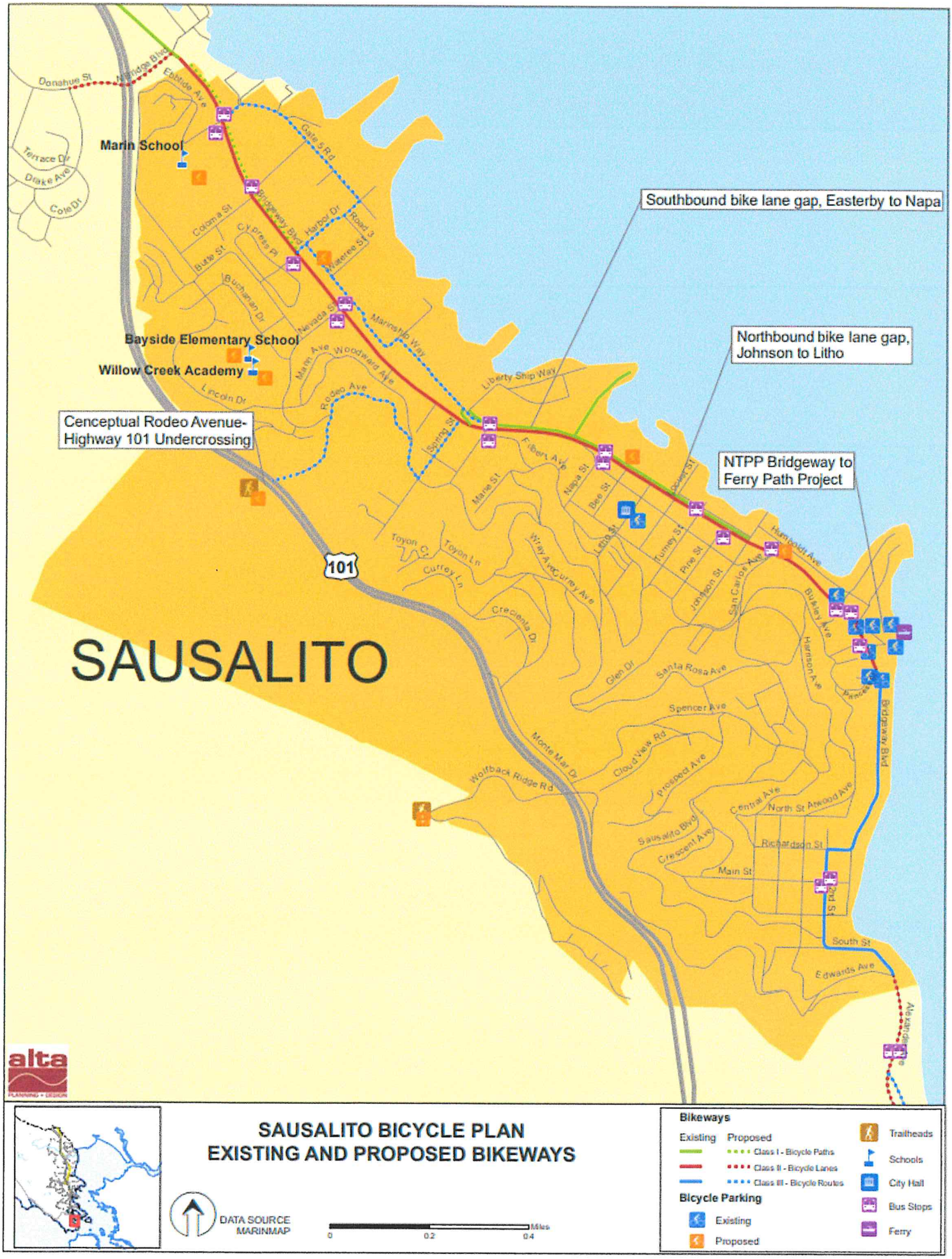
(a) They provide for through and direct travel in bicycle-demand corridors.

(b) Connect discontinuous segments of bike lanes.

(c) They provide traffic actuated signals for bicycles and appropriate assignment of right of way at intersections to give greater priority to bicyclists, as compared with alternative streets.

(d) Street parking has been removed or restricted in areas of critical width to provide improved safety.

(e) Surface imperfections or irregularities have been corrected (e.g., utility covers adjusted to grade, potholes filled, etc.).


Southbound bike lane gap, Easterby to Napa
Northbound bike lane gap, Johnson to Litho
NTPP Bridgeway to Ferry Path Project
Cenceptual Rodeo Avenue-Highway 101 Undercrossing
Marin School
Bayside Elementary School
Willow Creek Academy
SAUSALITO
101
Donahue St
Terrace Dr
Drake Ave
Cole Dr
Coloma St
Butte St
Cypress Pl
Buchanan Dr
Harbor Dr
Road 2
Waterfront St
Nevada St
Marinship Way
Liberty Ship Way
Main Ave
Woodward Ave
Lincoln Dr
Rodeo Ave
Spring St
Marie St
Filbert Ave
Napa St
Bee St
Lepo St
Humey St
Pine St
Johnson St
San Carlos Ave
Bulkley Ave
Harrison Ave
Bridgeway Blvd
Toyon
Toyon Ln
Currey Ln
Wray Ave
Currey Ave
Crecienta Dr
Glen Dr
Santa Rosa Ave
Spencer Ave
Monte Mar Dr
Wolfback Ridge Rd
Cloud View Rd
Prospect Ave
Central Ave
North St
Atwood Ave
Sausalito Blvd
Crescent Ave
Richardson St
Main St
2nd St
South St
Edwards Ave
Alexander
alta
PLANNING + DESIGN
SAUSALITO BICYCLE PLAN
EXISTING AND PROPOSED BIKEWAYS
DATA SOURCE
MARINMAP
0
0.2
0.4
Miles
Bikeways
Existing
Proposed
Class I - Bicycle Paths
Class II - Bicycle Lanes
Class III - Bicycle Routes
Bicycle Parking
Existing
Proposed
Trailheads
Schools
City Hall
Bus Stops
Ferry

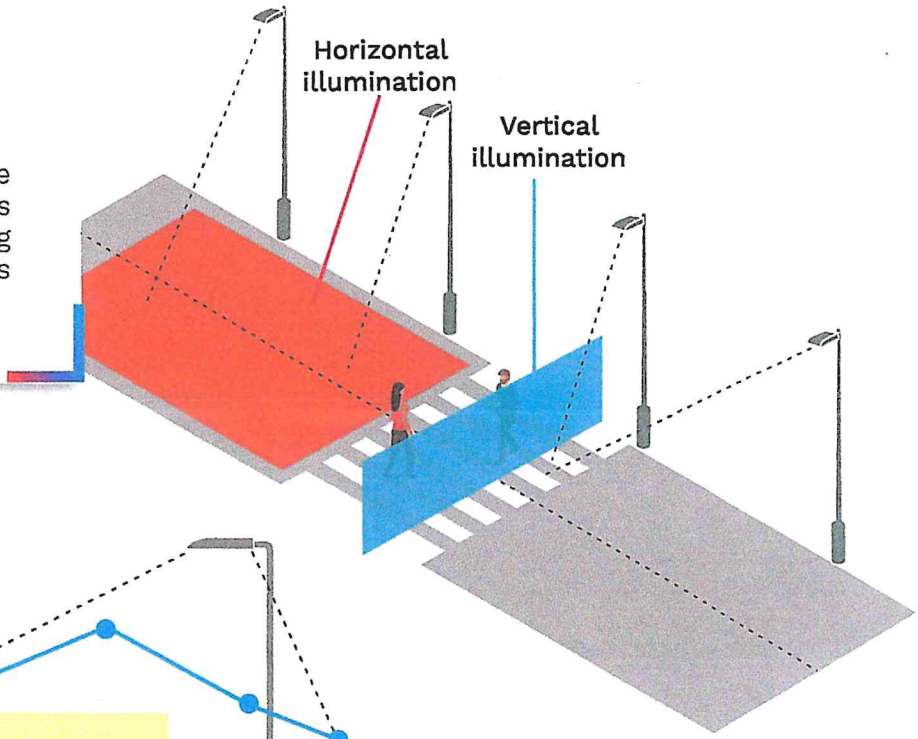
TYPICAL POLE FOR RELUME FIXTURE

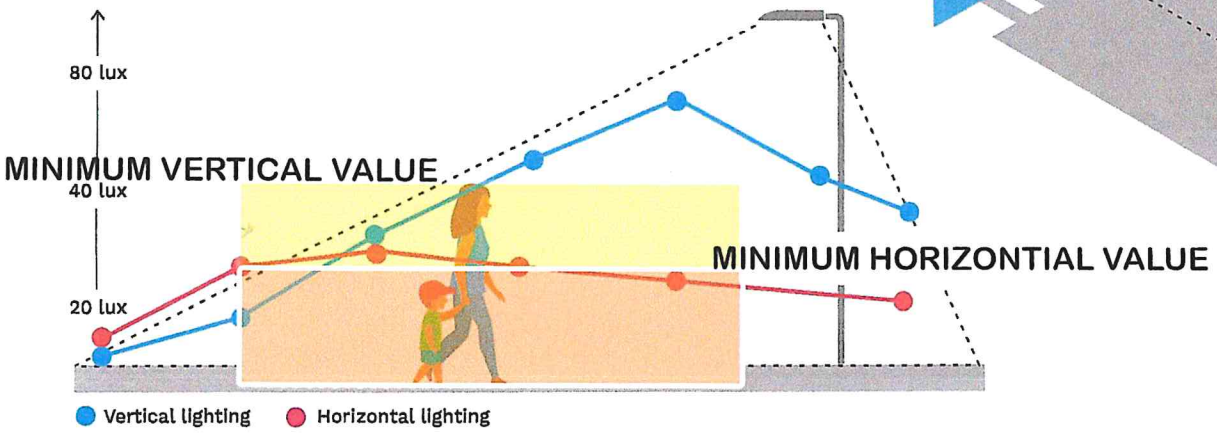


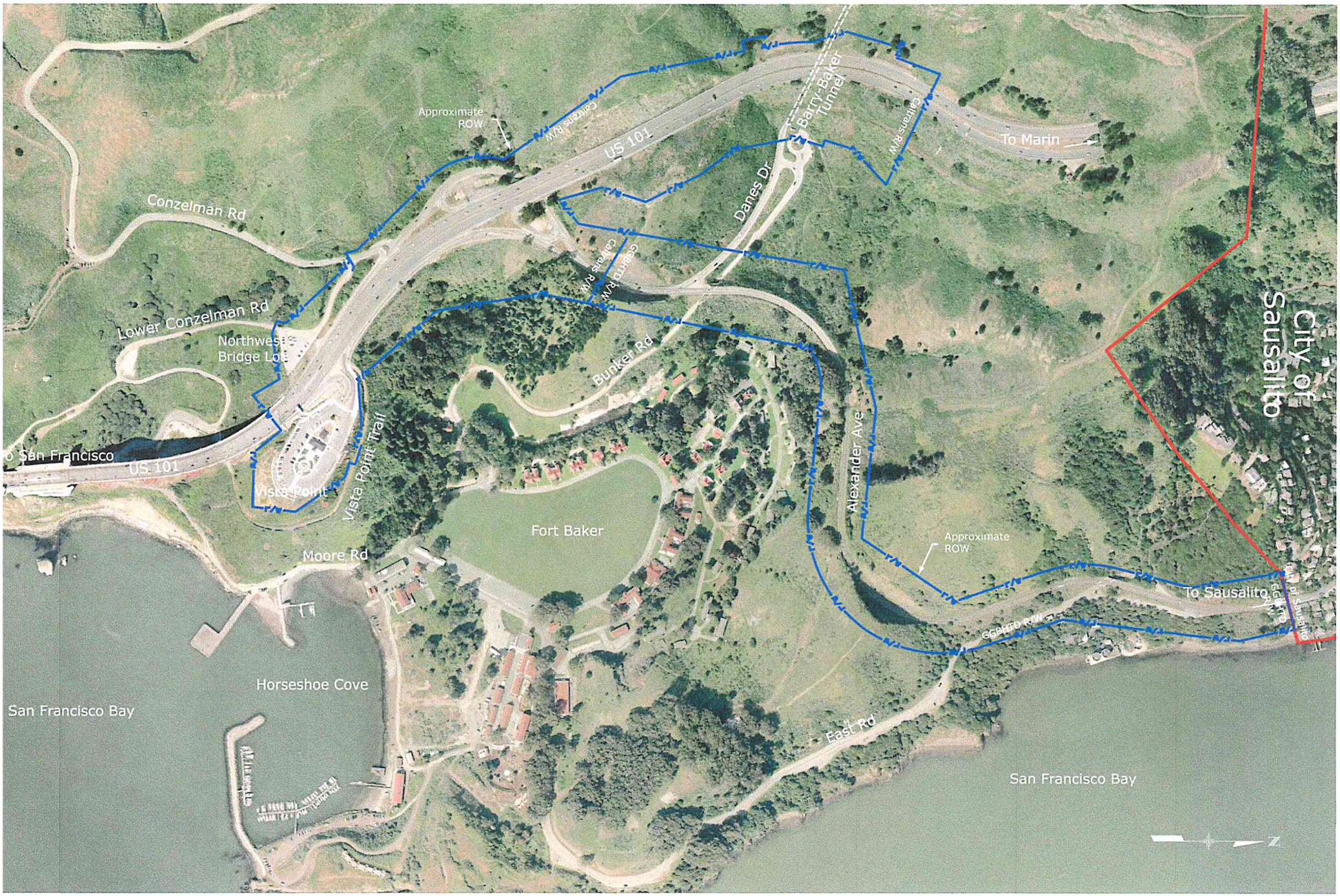
A few **things to know about pedestrian crossings**

Vertical/horizontal illumination

Horizontal illumination enables the pedestrian to see the road markings and to use the pedestrian crossing correctly. Vertical illumination helps the motorist to see the pedestrian.





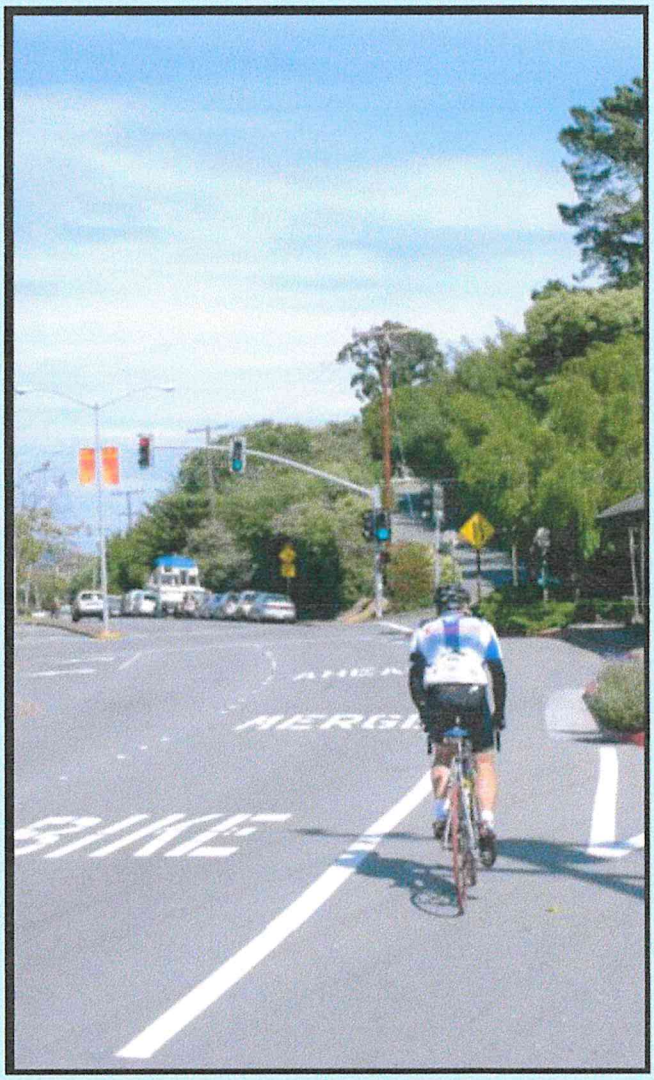

Approximate ROW
Caltrans R/W
US 101
Conzelman Rd
Lower Conzelman Rd
Northwest
Bridge Lot
Vista Point
Vista Point Trail
US 101
San Francisco
Fort Baker
Moore Rd
Horseshoe Cove
San Francisco Bay
Danes Dr
Barry-Baker Tunnel
To Marin
Caltrans R/W
Caltrans R/W
Bunker Rd
Alexander Ave
Approximate ROW
To Sausalito
GGNRA R/W
GGNRA R/W
East Rd
San Francisco Bay
City of Sausalito

City of Sausalito

BICYCLE MASTER PLAN

2008 Update





Prepared by
Alta Planning + Design