



**ALTERNATIVES WORKSHOP
ROSECRANS CORRIDOR
MOBILITY STUDY**

SEPTEMBER 16, 2009

Agenda



- Project Overview
- Who is in the Room Exercise
- Overview of Concept
- Break-out Review of Concepts
- Preference Survey
- Next Steps

Project Overview



Kellogg to Canon

Canon to Nimitz

Nimitz to Lytton

Lytton to Taylor

Project Overview



- **Community Outreach**

 - Three Community Workshops*

 - Walk Audits*

 - Project Website*

 - Monthly Meetings with Local Stakeholders (PWG)*

- **Technical Analysis**

 - Traffic Study*

 - Transit Assessment*

 - Pedestrian/Bicycle Assessment*

 - Parking Evaluation*

- **Conceptual Engineering**

- **Initial Study**

Project Schedule



AUGUST

SEPTEMBER

OCTOBER

Alternatives
Analysis

Physical Constraints &
Pedestrian Study

Select Preferred
Alternative

2nd Workshop

Project Working Group Meetings



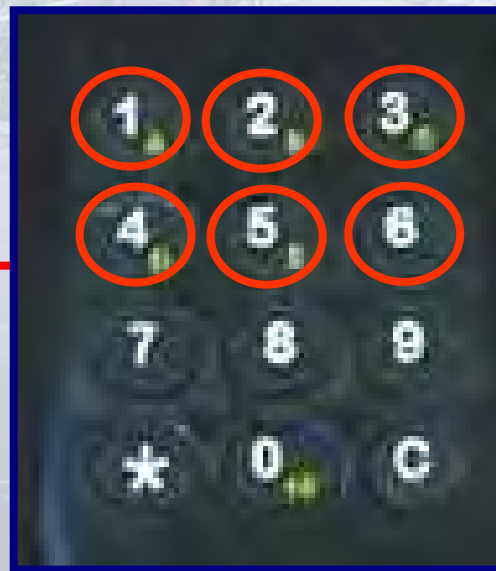
Who is in the Room?



How To Use Handhelds



LED LIGHT
SHOWS YOUR
SCORE



KEYPAD
NUMBERS
1 - 6

I classify myself as a:



- 1** Resident/ Property Owner
- 2** Business Owner
- 3** Both

I classify myself as a:



Resident/Property Owner



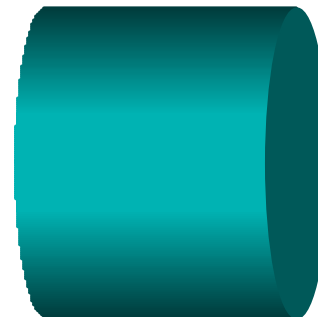
63.0%

Business Owner



8.7%

Both



28.3%

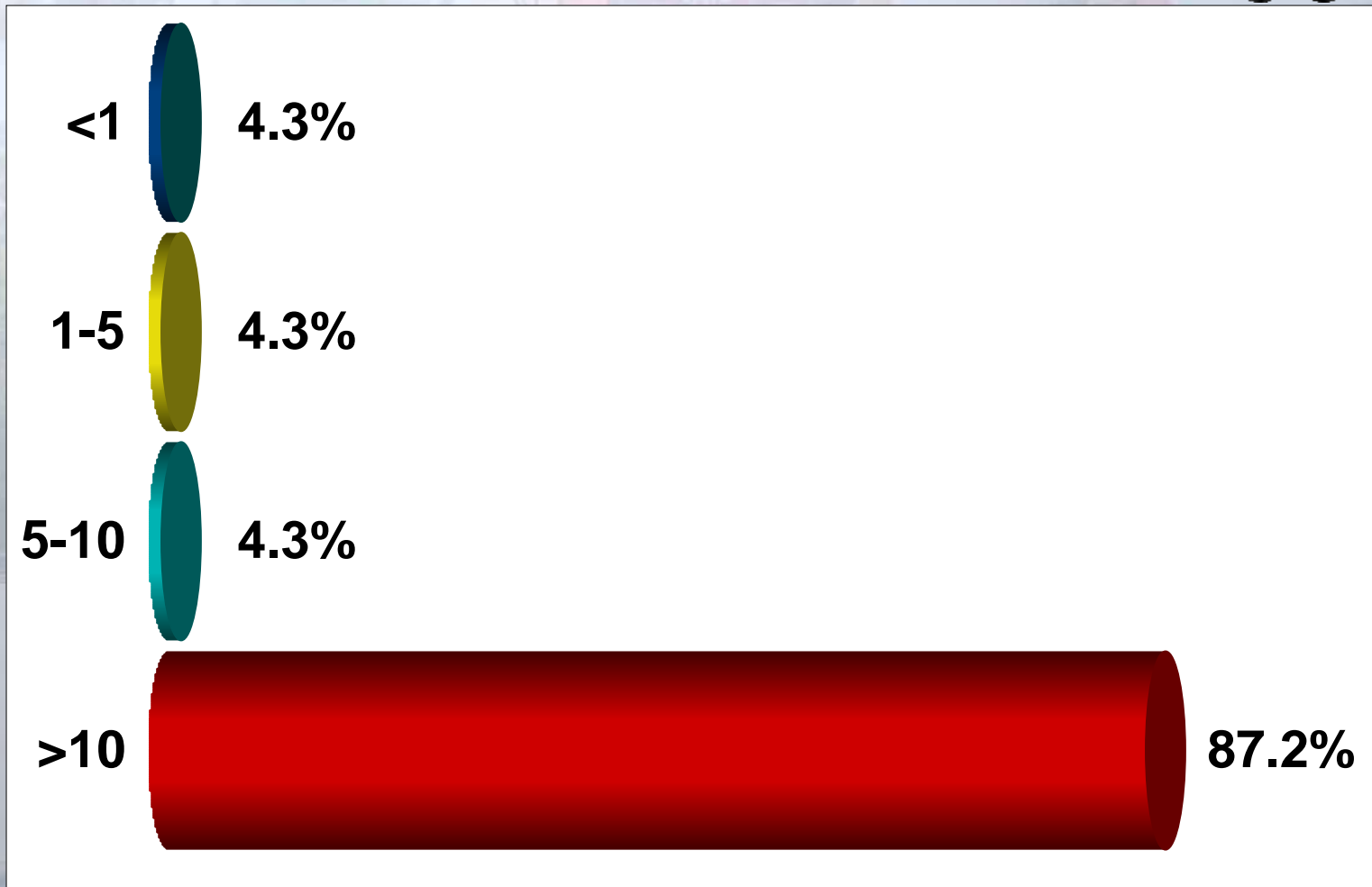


I have lived/worked in the area for:



- 1** Less than one year
- 2** One to five years
- 3** Five to ten years
- 4** Over ten years

I have lived/worked in the area for:

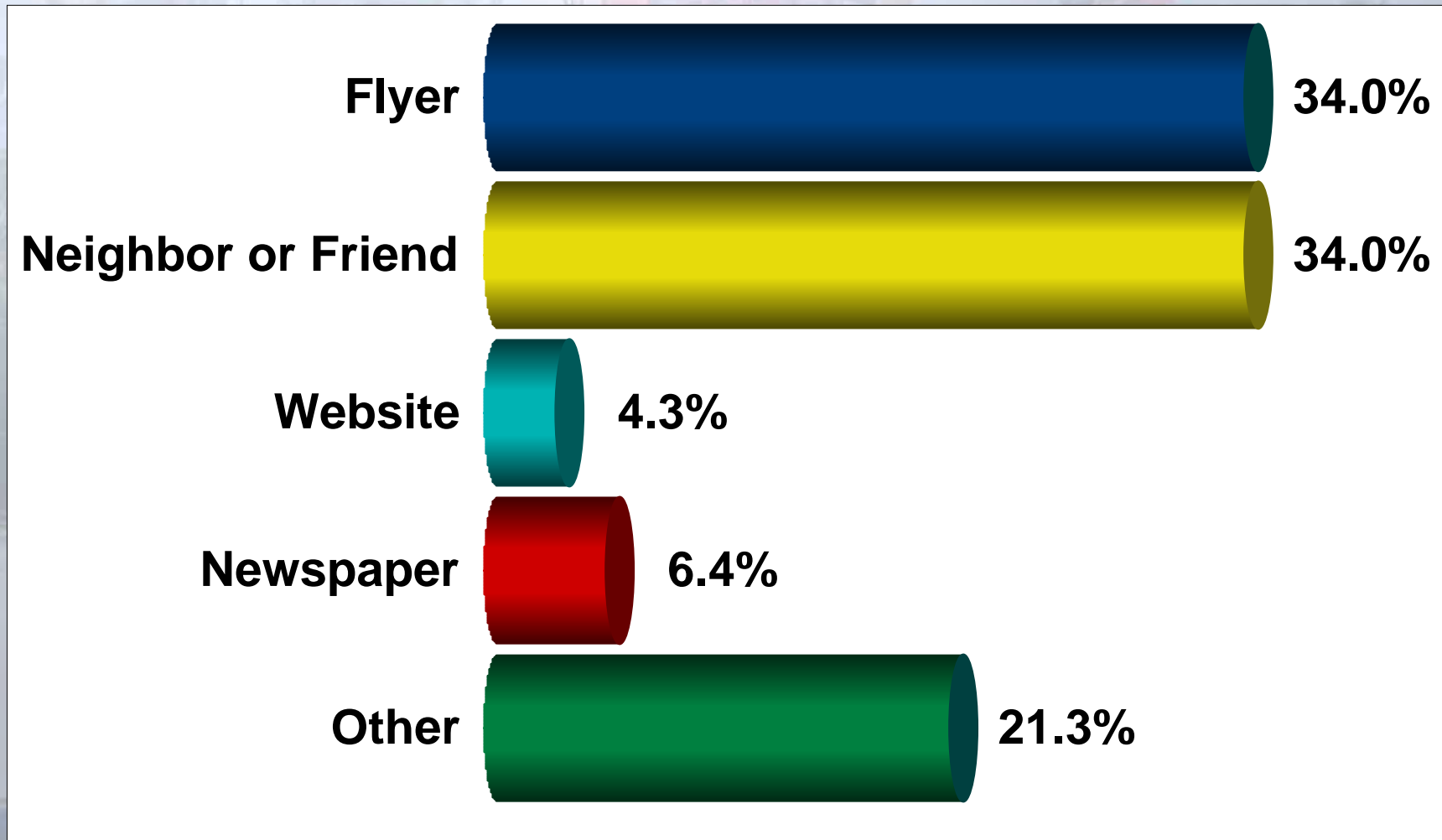


How did you learn about this workshop?



- 1 Flyer
- 2 Neighbor or Friend
- 3 Website
- 4 Newspaper
- 5 Other

How did you learn about this workshop?



Other



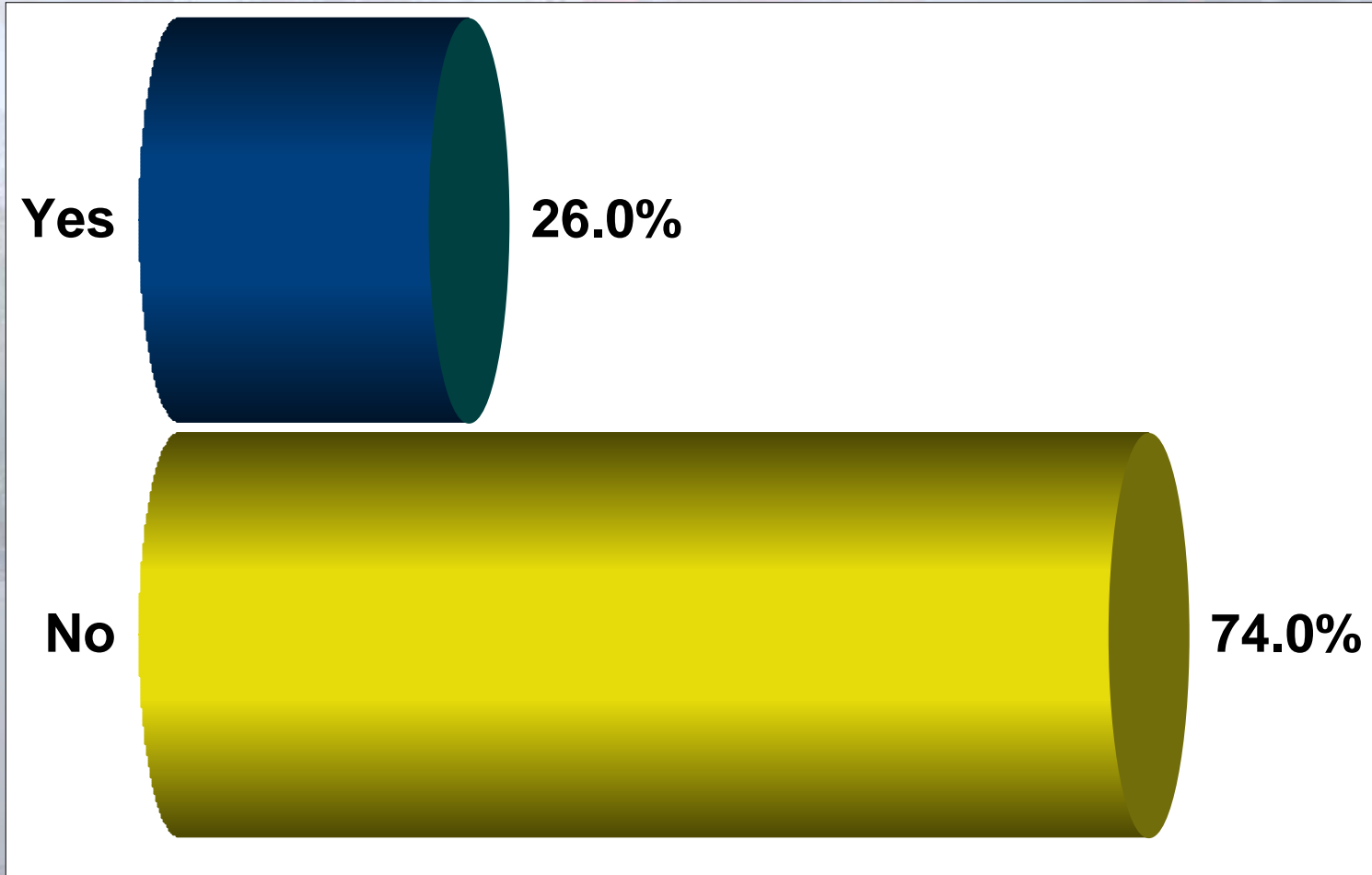
Did you attend the last workshop?



1 Yes, I attended

2 No, I did not attend

Did you attend the last workshop?

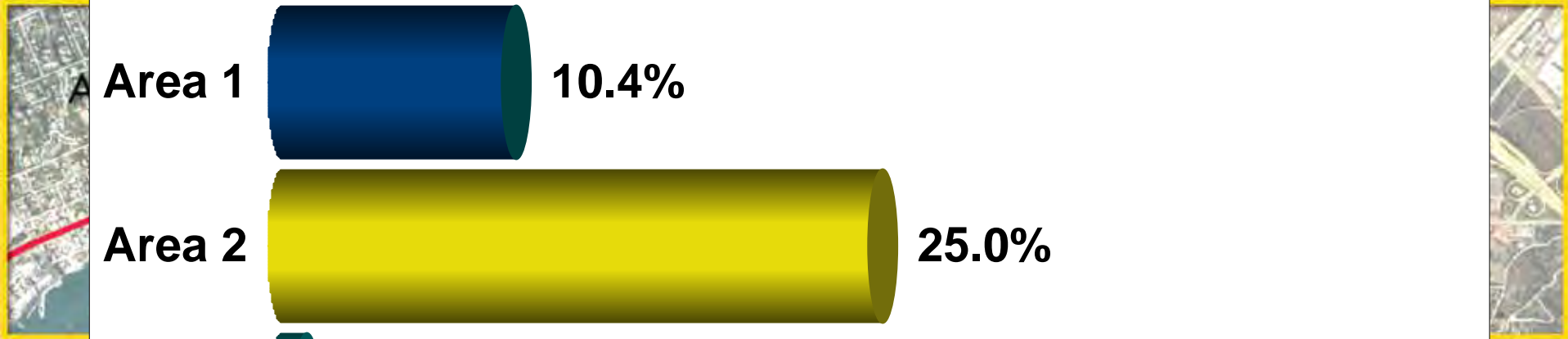


I am most interested in Area:



- Area 1 (Taylor to Lytton)
- Area 2 (Lytton to Nimitz)
- Area 3 (Nimitz to Canon)
- Area 4 (Canon to Kellogg)
- All of the above

I am most interested in Area:

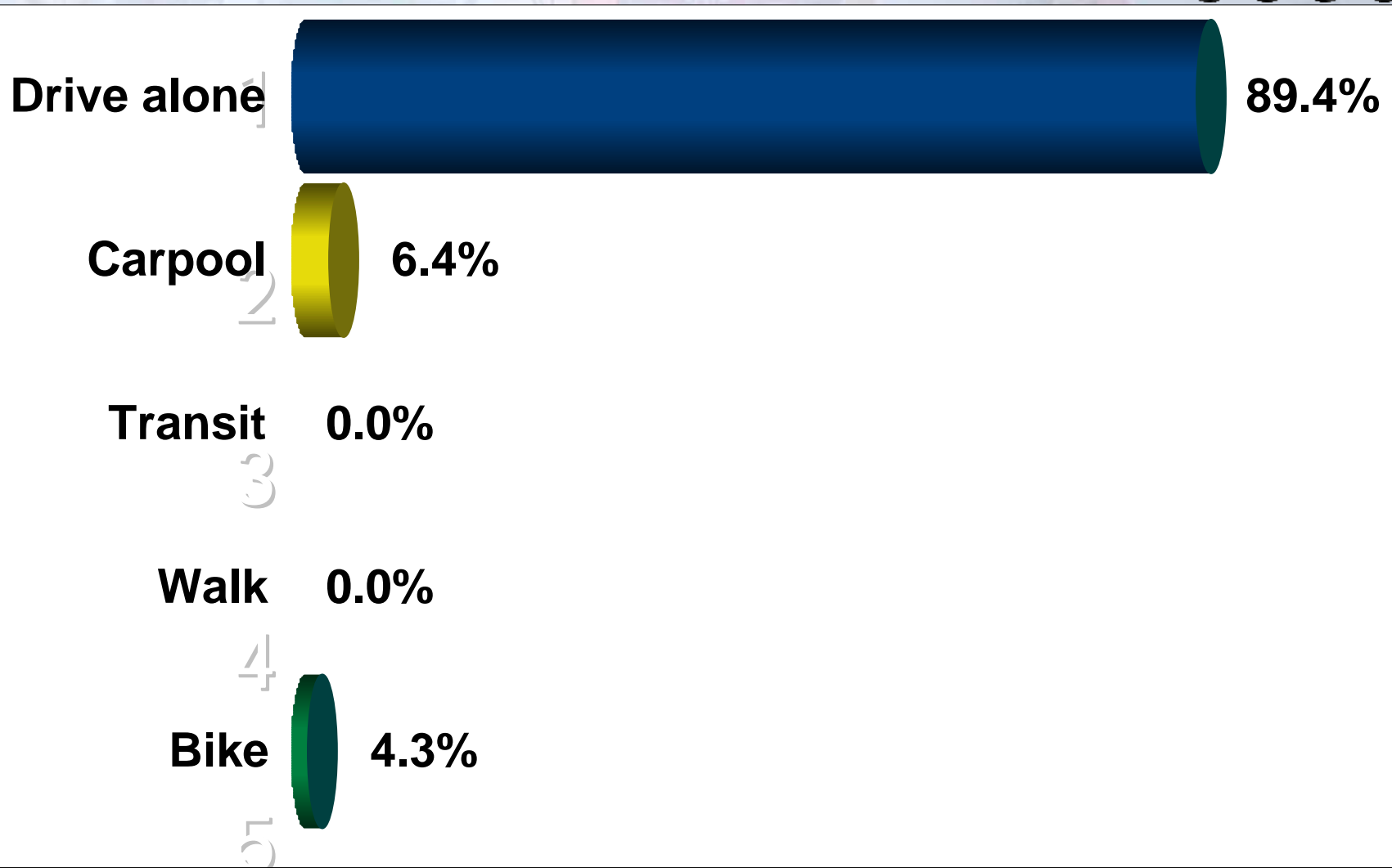


My primary form of transportation:



- I drive by myself
- I carpool
- I take transit
- I walk
- 5 I ride a bike

My primary form of transportation:

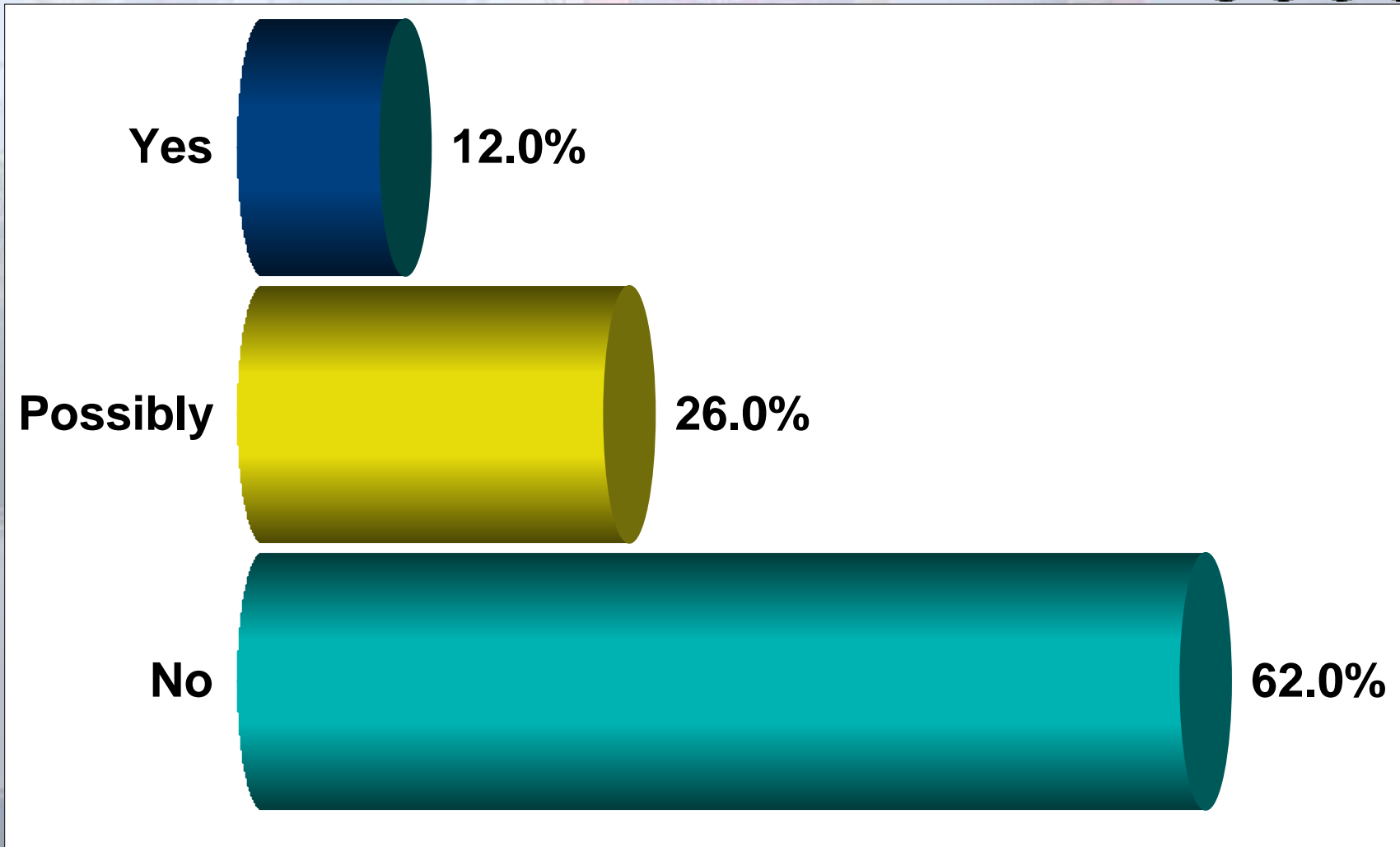


Would you change your transportation choice IF improvements were made?



- 1 Yes
- 2 Possibly
- 3 No

Would you change your transportation choice IF improvements were made?

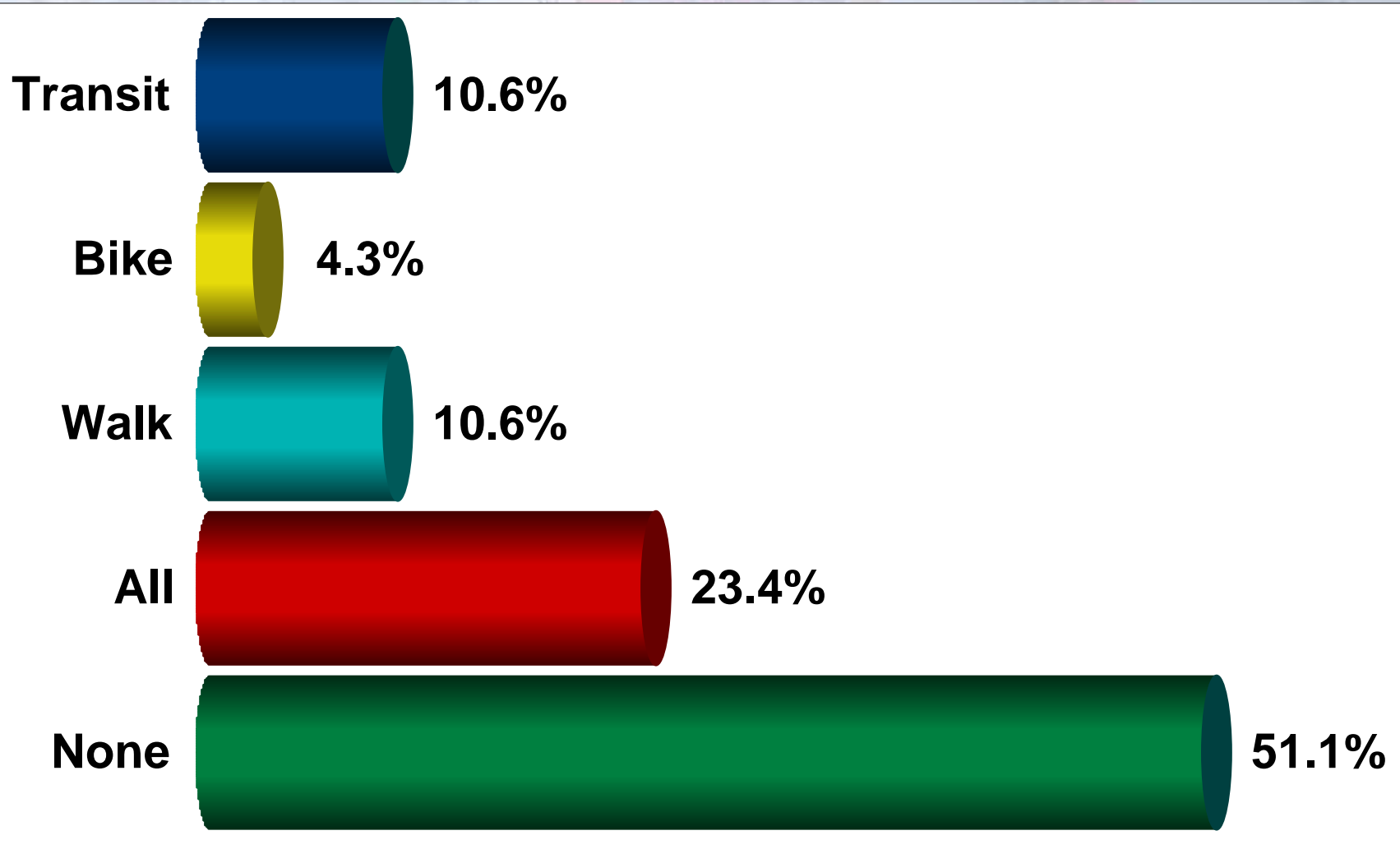


IF conditions improved what would you do more often?



- 1 Take Transit
- 2 Ride my Bike
- 3 Walk
- 4 All of the Above
- 5 None of the Above

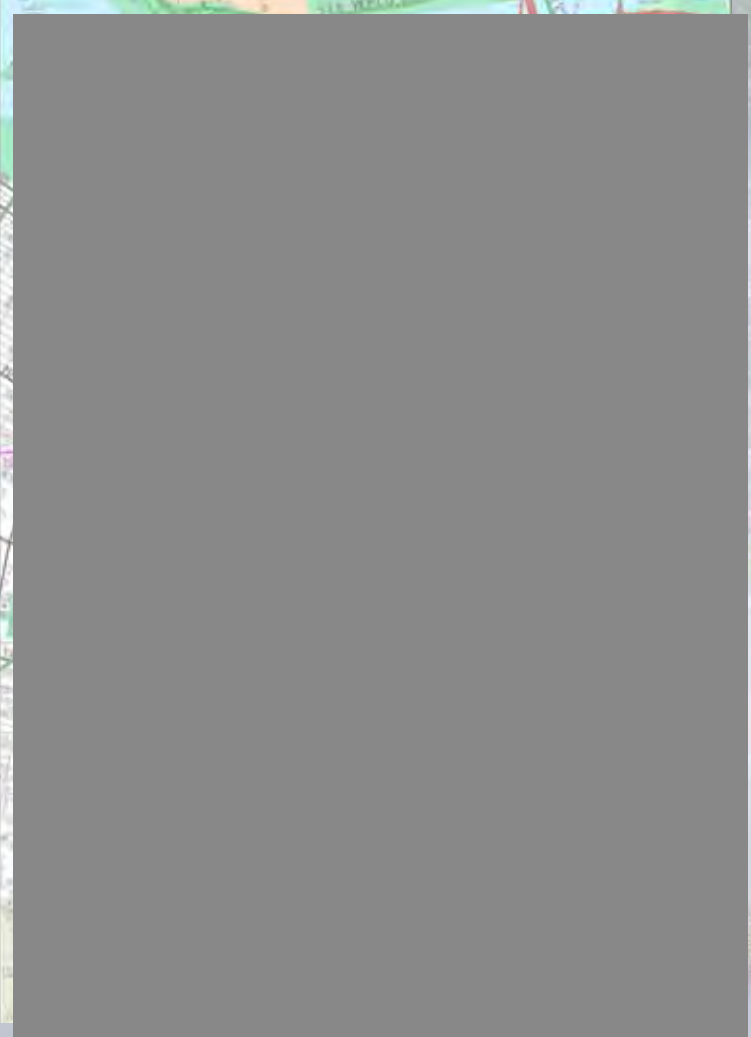
If conditions improved what would you do more often?



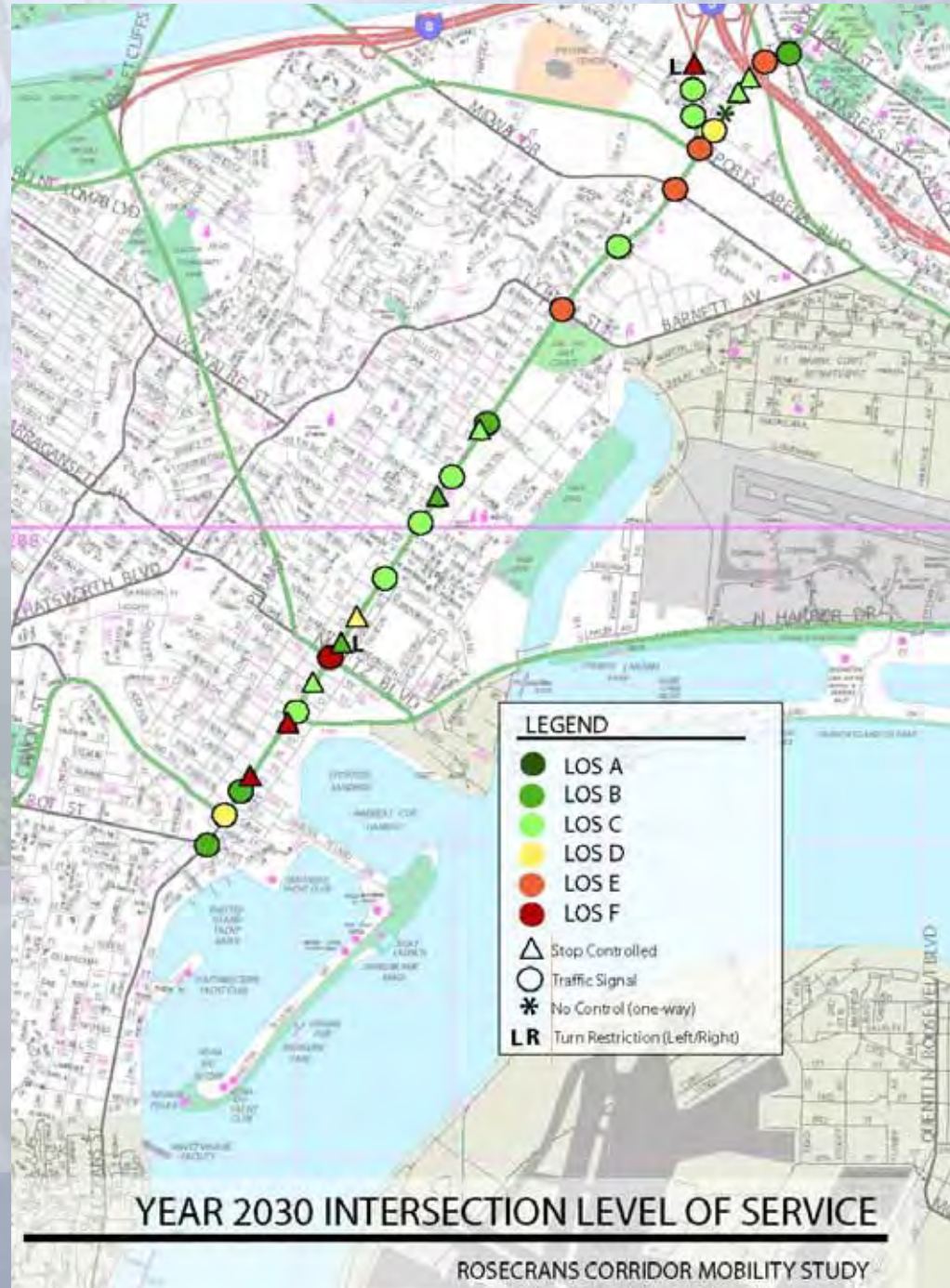
Technical Analysis



Existing



2030



Speed



Existing



2030



Pedestrian/Bicycle Assessment



Draft Existing Pedestrian and Bicycle Conditions Report

Table 3.1
Rosecrans Corridor 2-Hour AM Peak Period Pedestrian Counts

| Intersection | West Leg | North Leg | East Leg | South Leg | Total |
|---|----------|-----------|----------|-----------|-------|
| Taylor Street / Congress Street | 61 | 62 | 29 | 53 | 167 |
| Rosecrans Street / Taylor Street / Pacific Highway | 34 | 129 | 21 | 61 | 245 |
| Rosecrans Street / Jefferson Street | 69 | 1 | 0 | 0 | 70 |
| Rosecrans Street / Moon Street | 37 | 4 | 0 | 4 | 45 |
| Rosecrans Street / Hancock Street | 30 | 0 | 0 | 0 | 30 |
| Rosecrans Street / Kurtz Street | 47 | 4 | 21 | 2 | 74 |
| Rosecrans Street / Sports Arena Boulevard / Camino del Rio* | 9 | 9 | 45 | 38 | 100 |
| Rosecrans Street / Midway Drive | 18 | 14 | 27 | 25 | 64 |
| Rosecrans Street / N. Evergreen Street | 8 | 8 | 5 | 0 | 19 |
| Rosecrans Street / Lytton Street | 8 | 0 | 0 | 3 | 11 |
| Rosecrans Street / Roosevelt Road | 0 | 15 | 11 | 2 | 28 |
| Rosecrans Street / Curtis Street | 9 | 0 | 0 | 0 | 9 |
| Rosecrans Street / Wornale Road | | 30 | 12 | 0 | 64 |
| Rosecrans Street / Xenophon Street | 17 | 0 | | 0 | 17 |
| Rosecrans Street / Farragut Road / Valere Street | 4 | 5 | 17 | 12 | 36 |
| Rosecrans Street / Rowell Street / Loring Street | 0 | 0 | 1 | 1 | 2 |
| Rosecrans Street / Oglethorpe Street | 8 | 0 | 8 | 0 | 16 |
| Rosecrans Street / Maxwell Street | 16 | 1 | 5 | 8 | 27 |
| Rosecrans Street / Nimitz Boulevard | 23 | 14 | 24 | 19 | 60 |
| Rosecrans Street / Jervis Street | 23 | 8 | 8 | 11 | 51 |
| Rosecrans Street / N. Harbor Drive / Hugo Street | 14 | 13 | 16 | 13 | 56 |
| Rosecrans Street / Garrison Street | 11 | 0 | 0 | 0 | 11 |
| Rosecrans Street / Cabelon Street | 25 | 15 | 11 | 13 | 65 |
| Rosecrans Street / Starline Island Drive / Byron Street | 10 | 11 | 14 | 13 | 48 |

Rosecrans Corridor Study

June 30, 2009

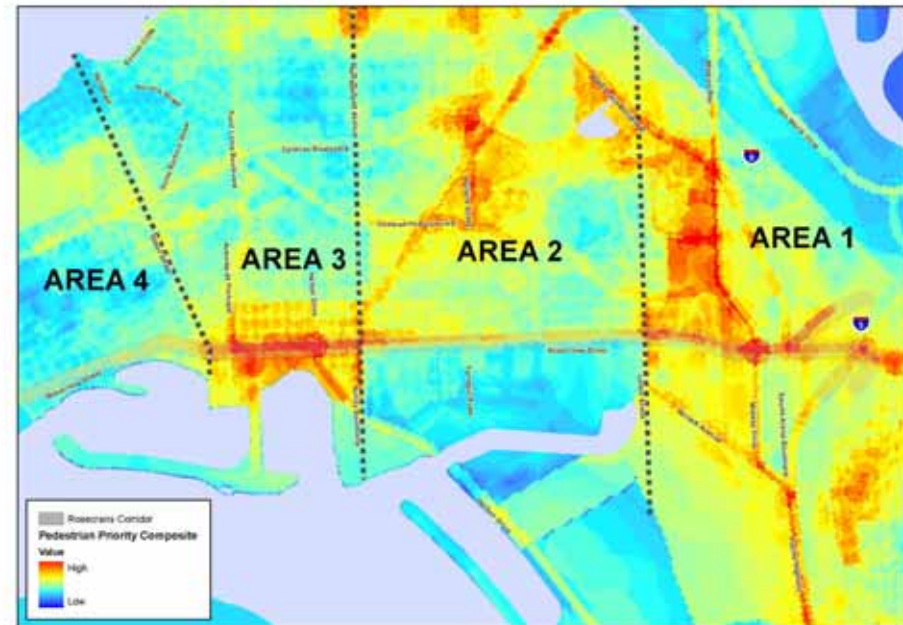
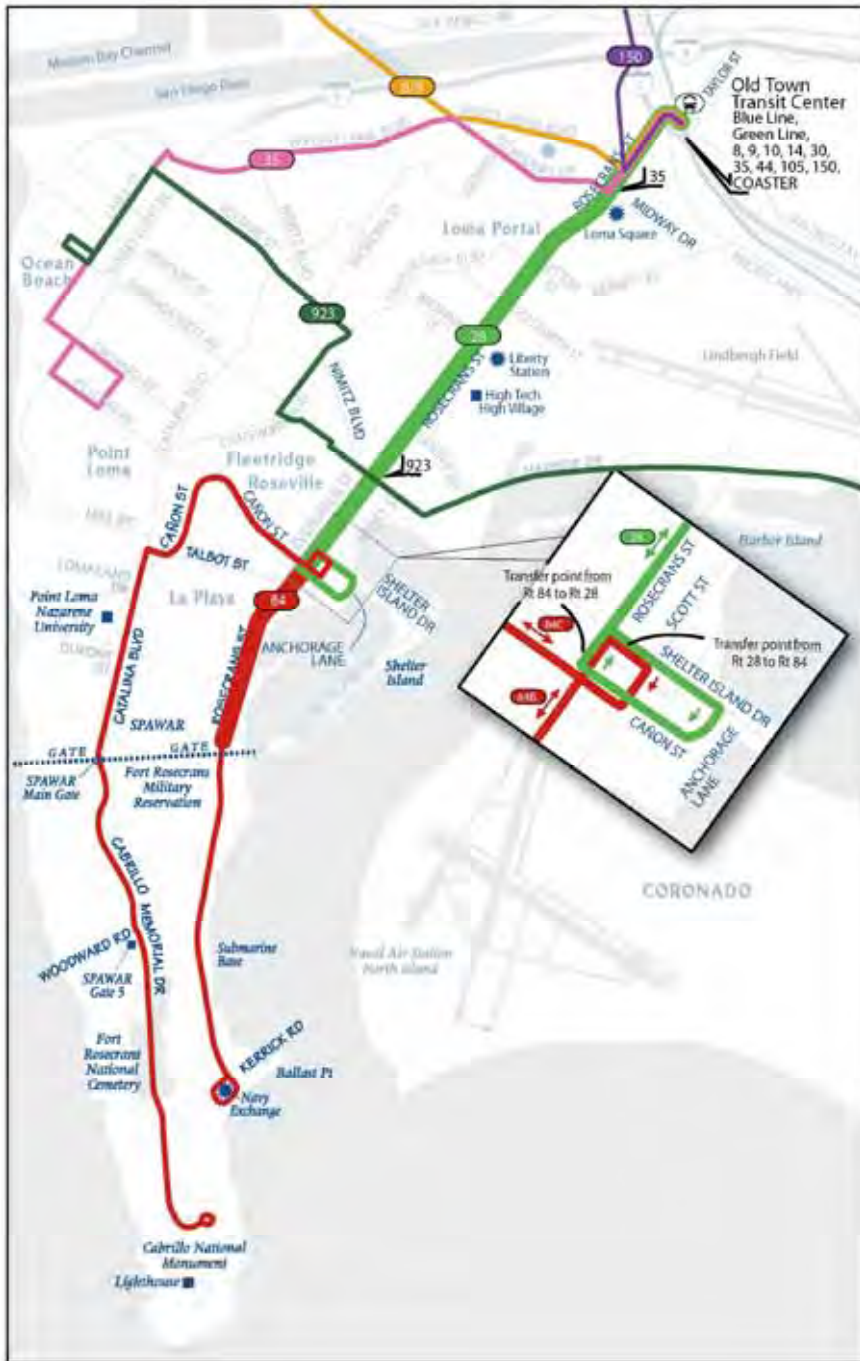


Figure 3-7: Rosecrans Corridor Pedestrian Priority Composite



Transit Analysis







Comments from Last Workshop

Preferred Mode of Transportation...



- 63% drive
- 6% bike
- 6% walk
- 3% transit
- 22% - combination of modes

Many people noted that if conditions were more conducive to modes other than auto (safer walking/biking environment, improved transit service, etc) they may shift their mode of travel.

Ideas/Concerns



- Ideas

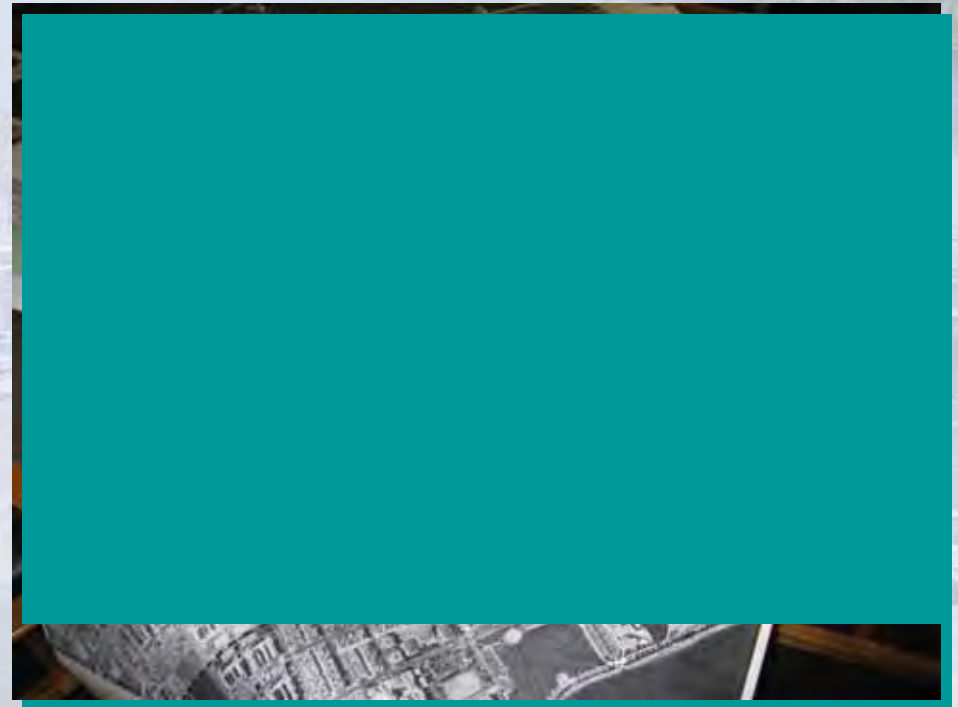
- Synchronized Traffic Signals
- Reduce Speed Limits
- Route Traffic Away from Rosecrans
- Remove medians
- Left Turn Arrows at Talbot & at Canon
- Install Bike Lanes
- Get Buses out of Travel Lane (dedicated lane or bike lane)
- Increase Enforcement



Ideas/Concerns



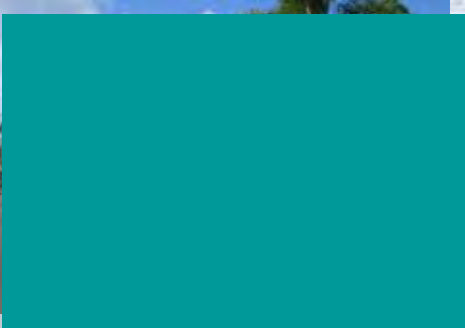
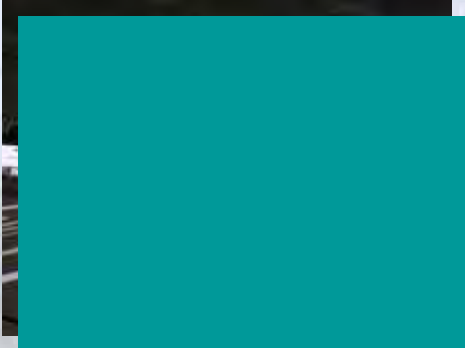
- Ideas (continued)
 - Install Traffic Calming (Area 4)
 - Carpool & Transit Incentives
 - Add more trees
 - Improve Transit Stops
 - Improve Pedestrian Environment



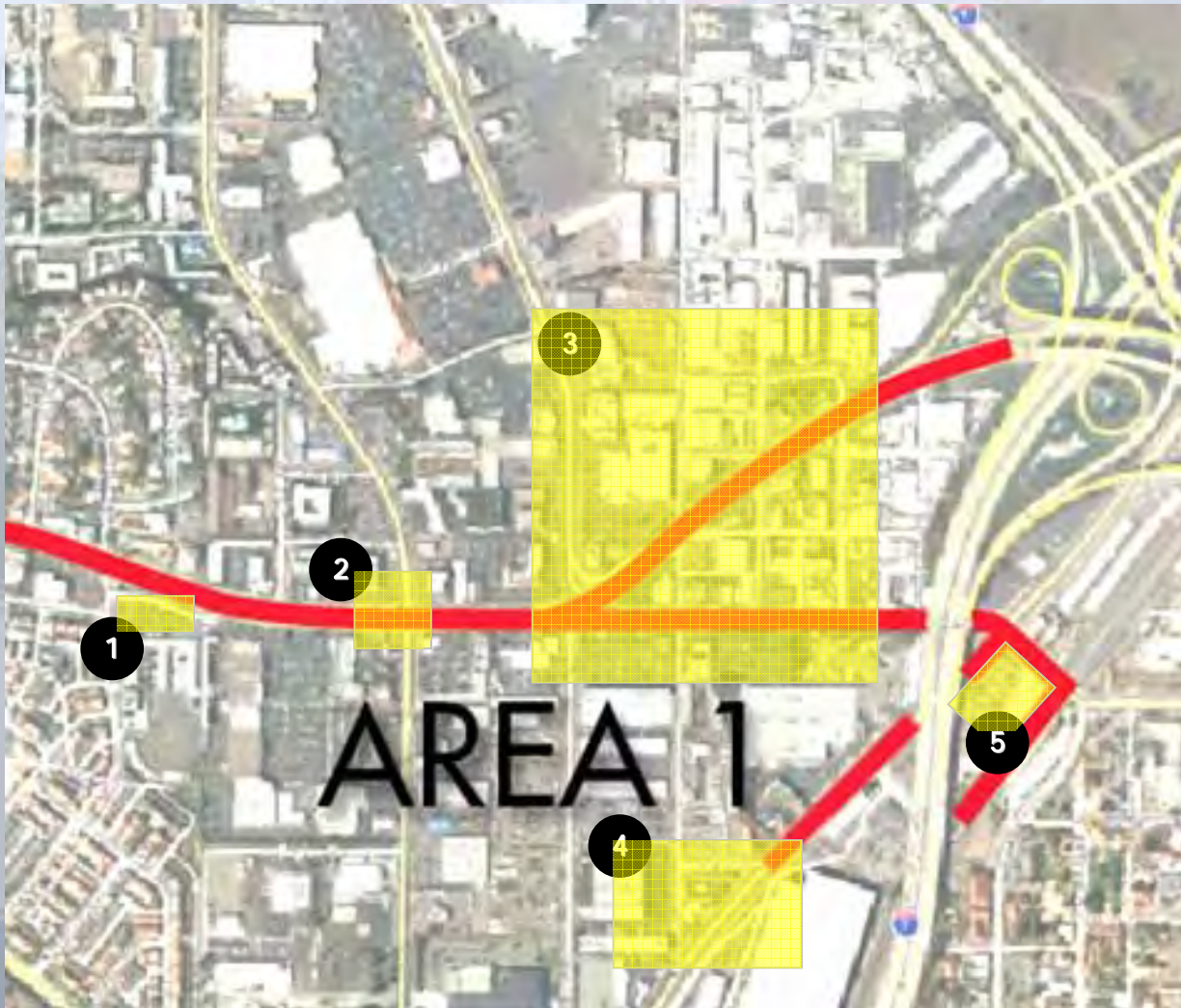
Preliminary Concepts



Area 1



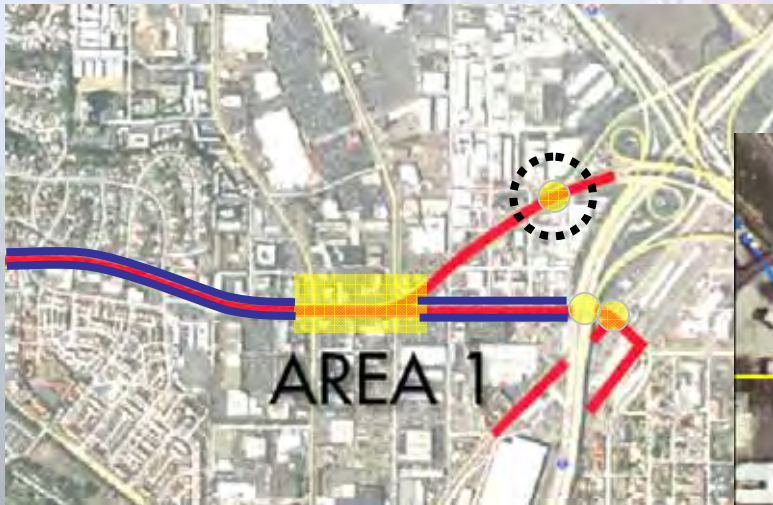
Studies/Projects in Area 1



- Dewey Elementary Access Study
- Midway Restriping & Signal Modification
- North Bay Redev. Traffic Study
- Pac Highway/Barnett Bicycle Study
- Old Town Bus Access Modification



Moore Street



Accident History

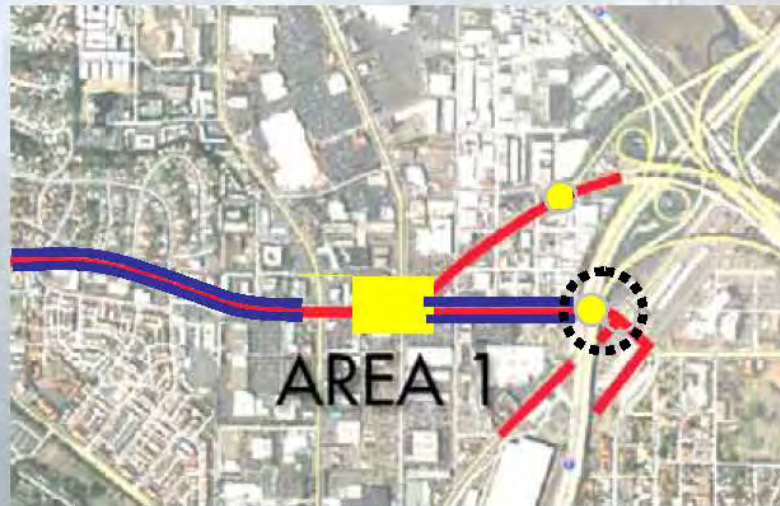
45 Reported (1999 – 2009)

3 Pedestrian Involved (1 Fatality)

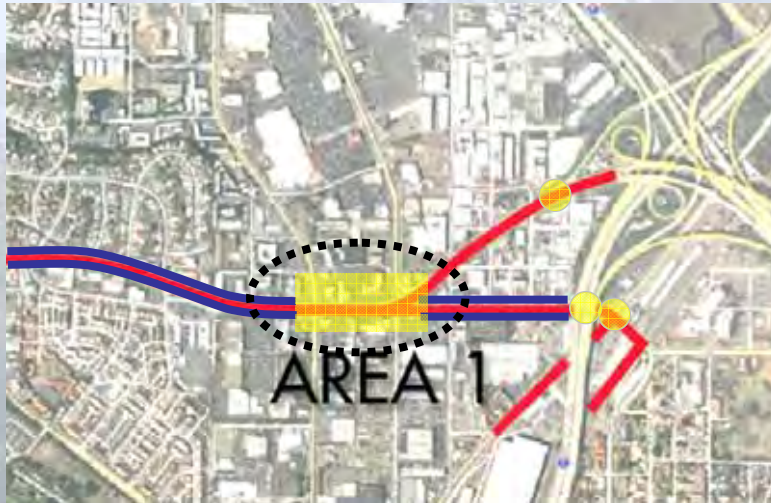
- 7% Pedestrian
- 20% Rear-End
- 40% Right Angle
- 20% Side Swipe
- 13% other



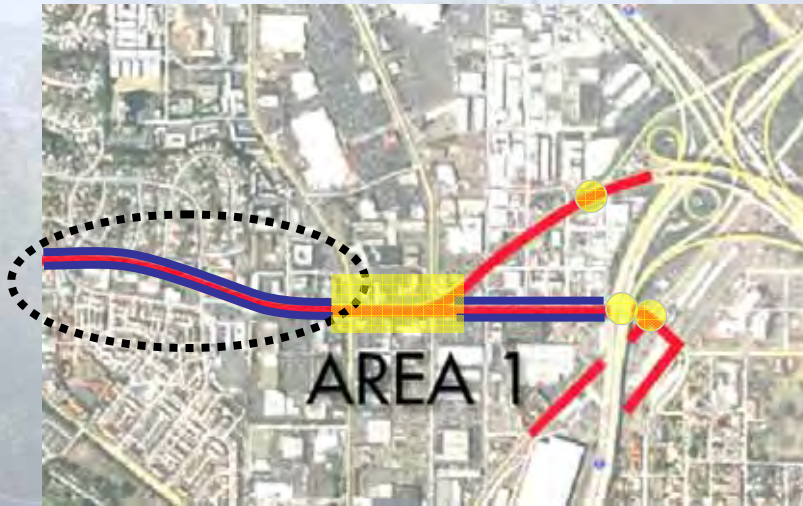
Camino Del Rio to Pacific Highway



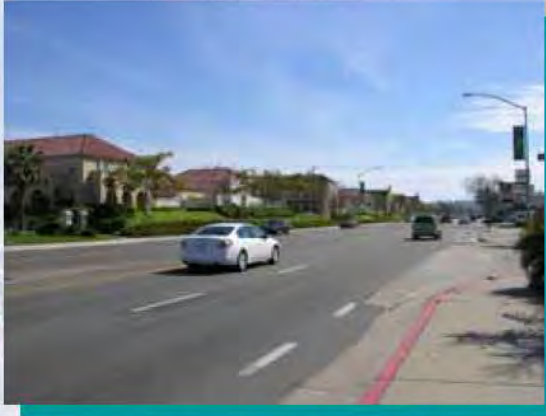
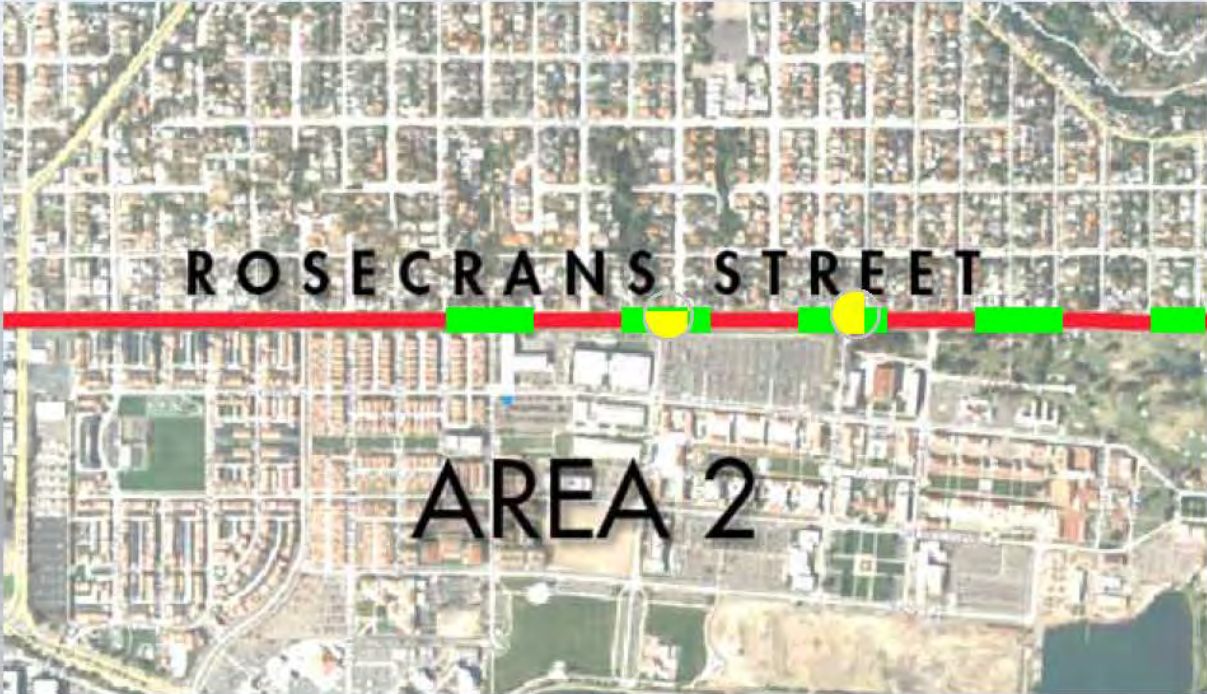
Sports Arena & Midway



Bicycle Lanes to Lytton



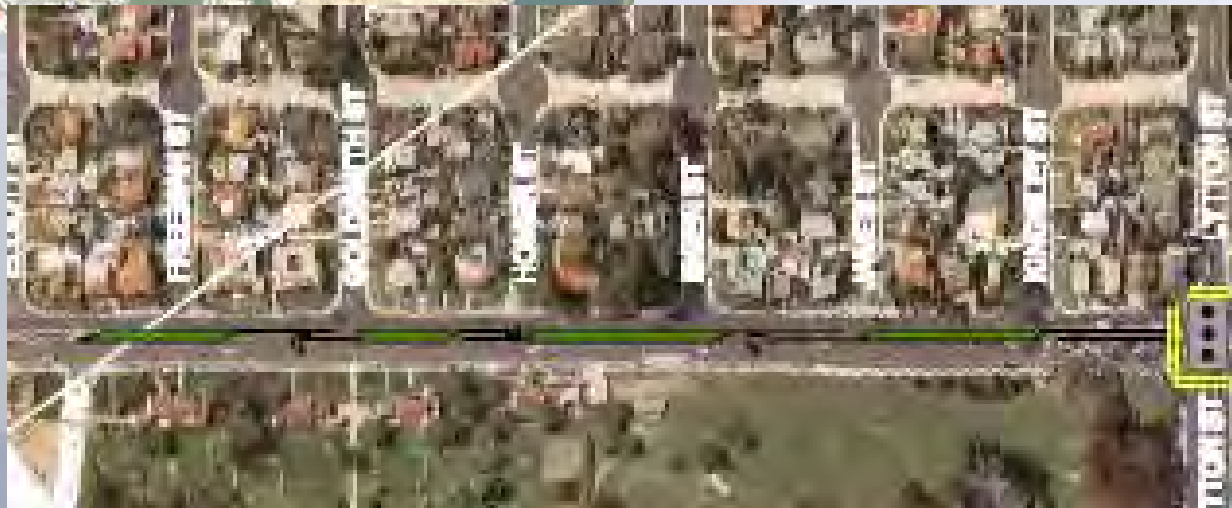
Area 2



Traffic Signal Modifications



Median Extensions



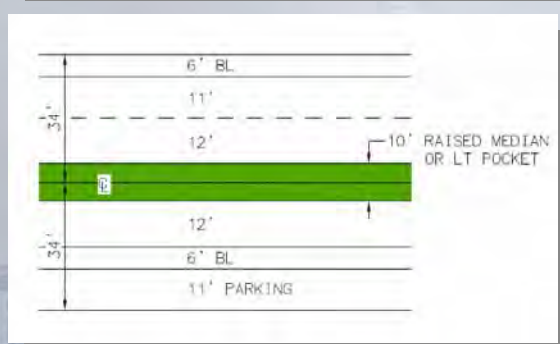
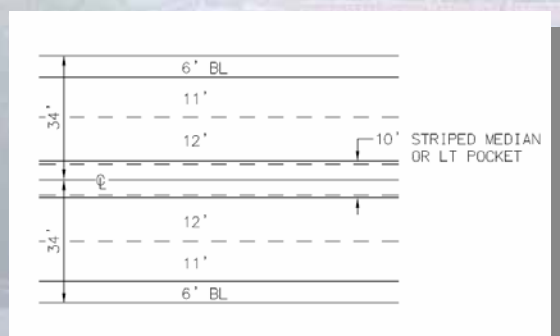
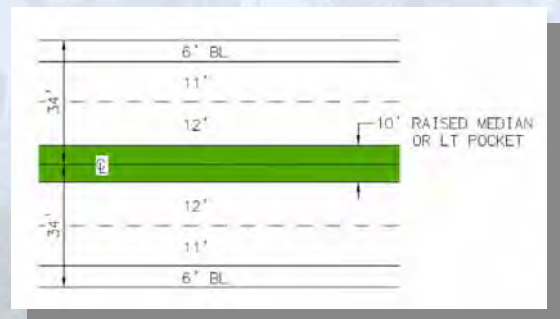
Transit Stop Relocation



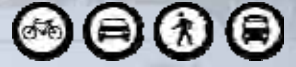
Area 3



Add Bicycle Lanes & Medians



New Traffic Signal



Transit Stop Relocation



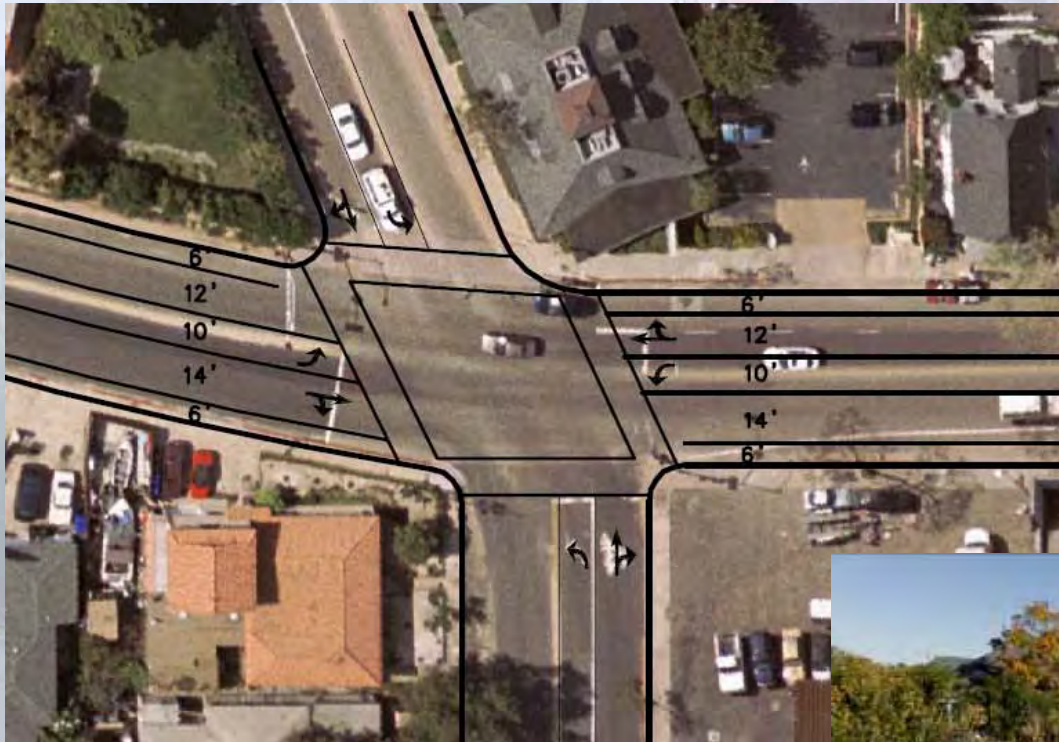
Parking Restrictions



Area 4



Restripe Talbot & Signal Mod



Treatment of Curve




- Improved Lighting
- Reconstruction of Pavement
- Center Median
- Extend Sidewalk and/or Parkway
- Flashing Beacon in Advance of Curb

Complete Sidewalks




Traffic Calming Options




MINI ROUND-ABOUT ()




CURB EXTENSION WITH MEDIAN ()



MIDBLOCK CHOKER ()



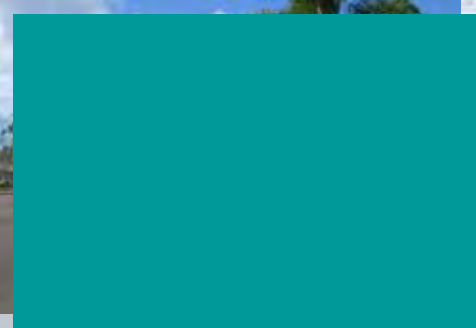
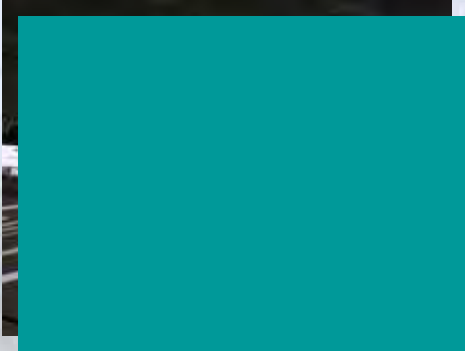
CURB EXTENSION WITH CROSSWALK ()



Preference Survey



Area 1



Camino Del Rio &
Moore Street

How do you feel about the median at Moore?

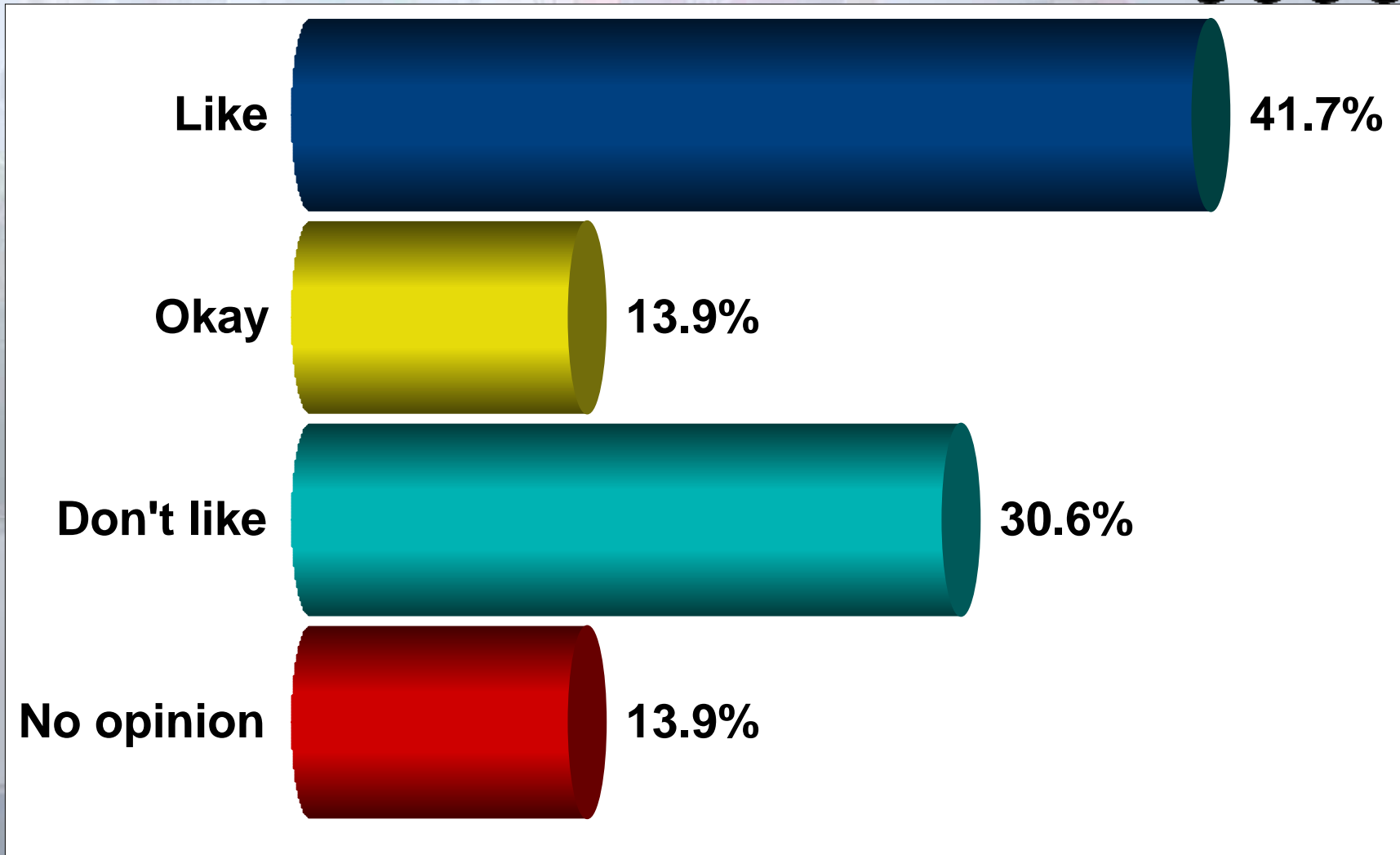


- 1 I like it.
- 2 It's okay.
- 3 I don't like it.
- 4 No opinion.



Camino Del Rio &
Moore Street

How do you feel about the median at Moore?

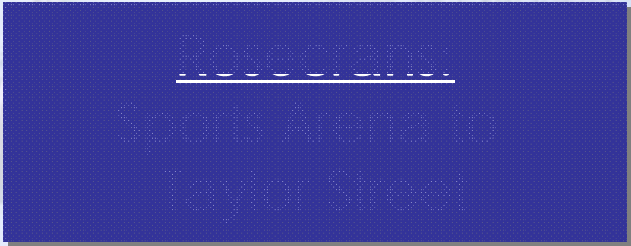


Which improvement do you like BEST?

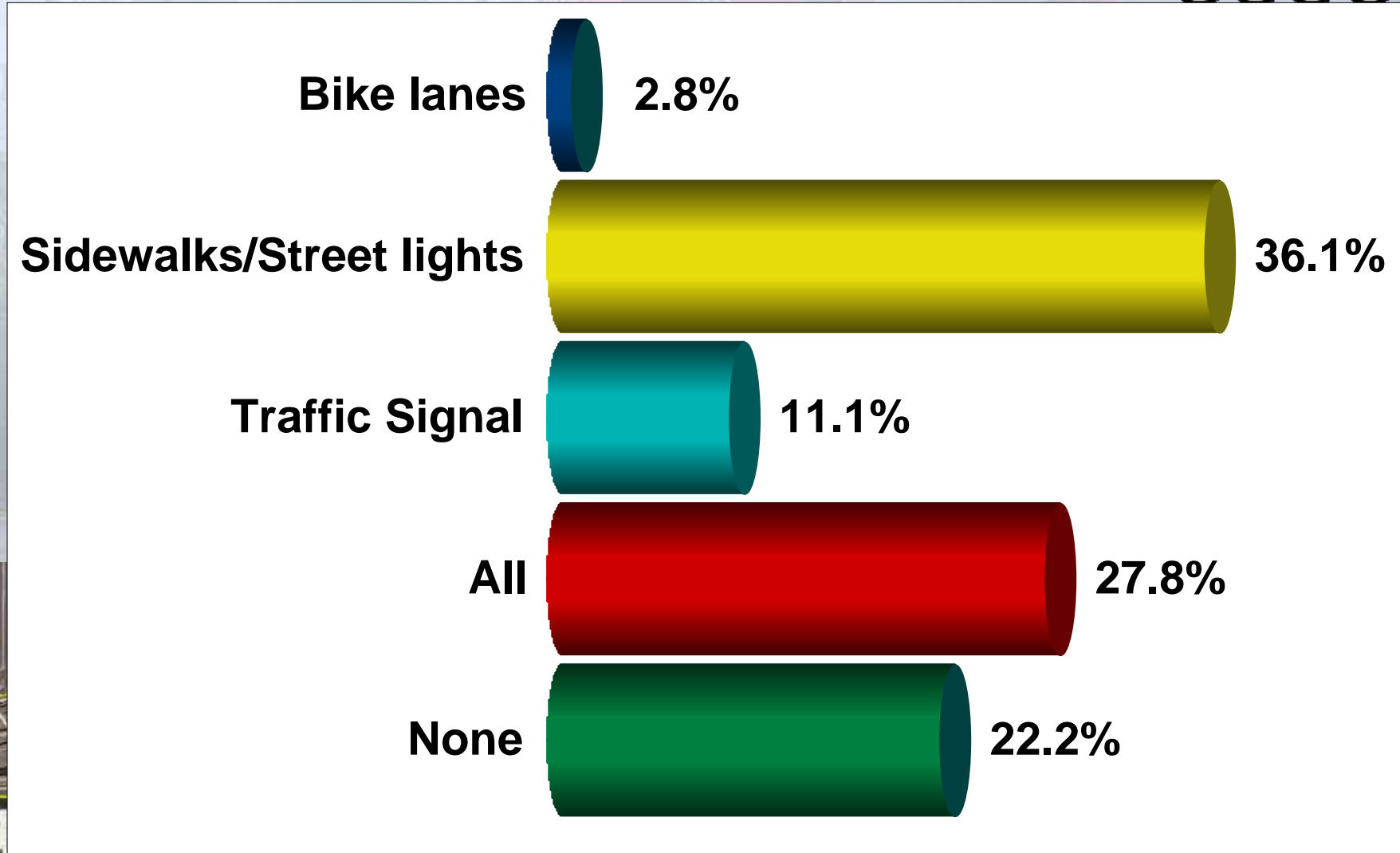


- 1 Bicycle Lanes
- 2 New Sidewalks & Improved Street Lights
- 3 New Traffic Signal at Hancock
- 4 All of the Above
- 5 None of the Above





Which improvement do you like BEST?



Rosecrans:
Sports Arena to Midway

Which improvement do
you like BEST?

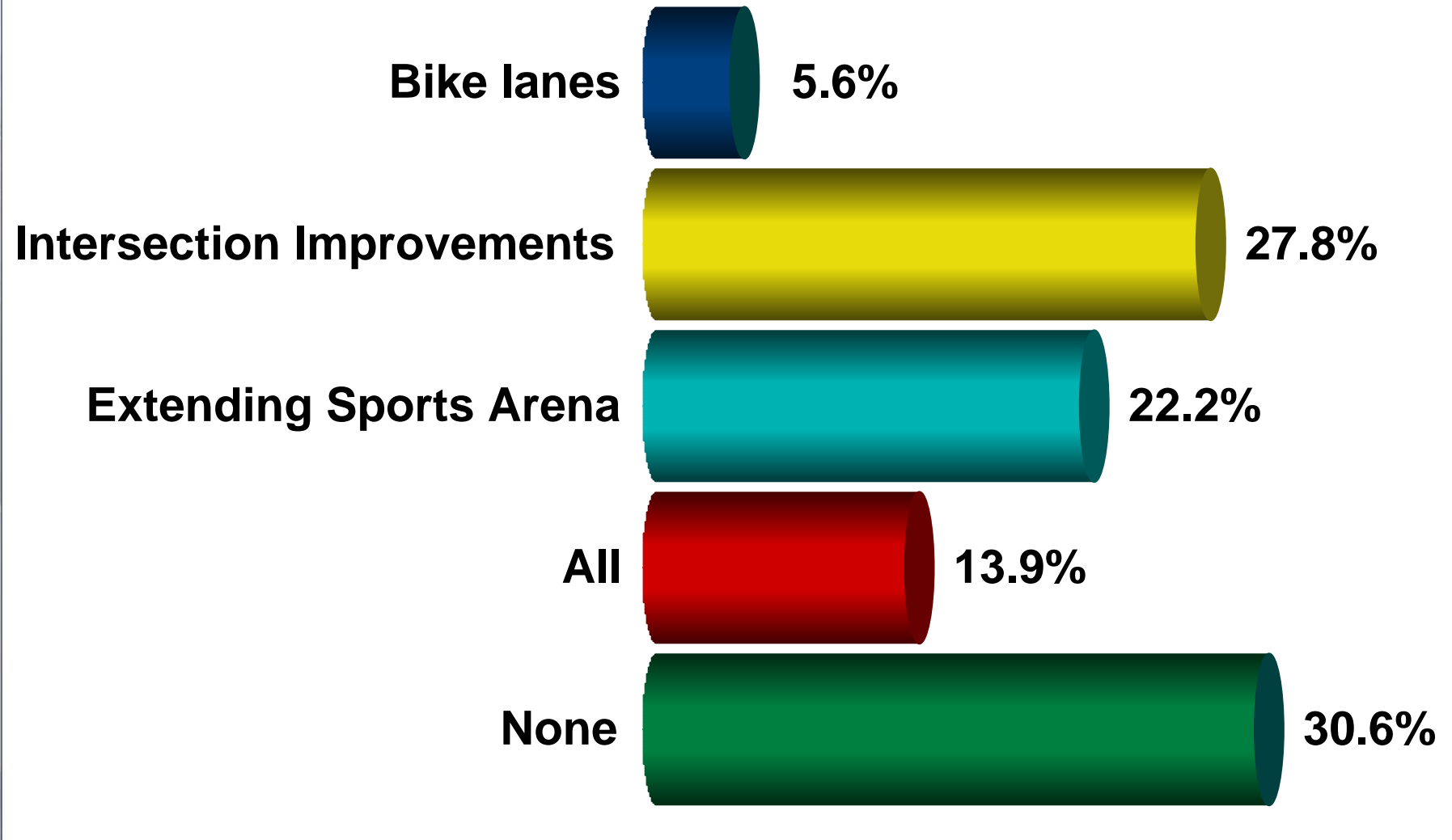


- 1 Bicycle Lanes
- 2 Intersection Improvements at Midway
- 3 Extending Sports Arena to Pacific Highway
- 4 All of the Above
- 5 None of the Above



Rosecrans:
Sports Arena to Midway

Which improvement do you like BEST?



Sports Arena Extension

How important is this extension to you?

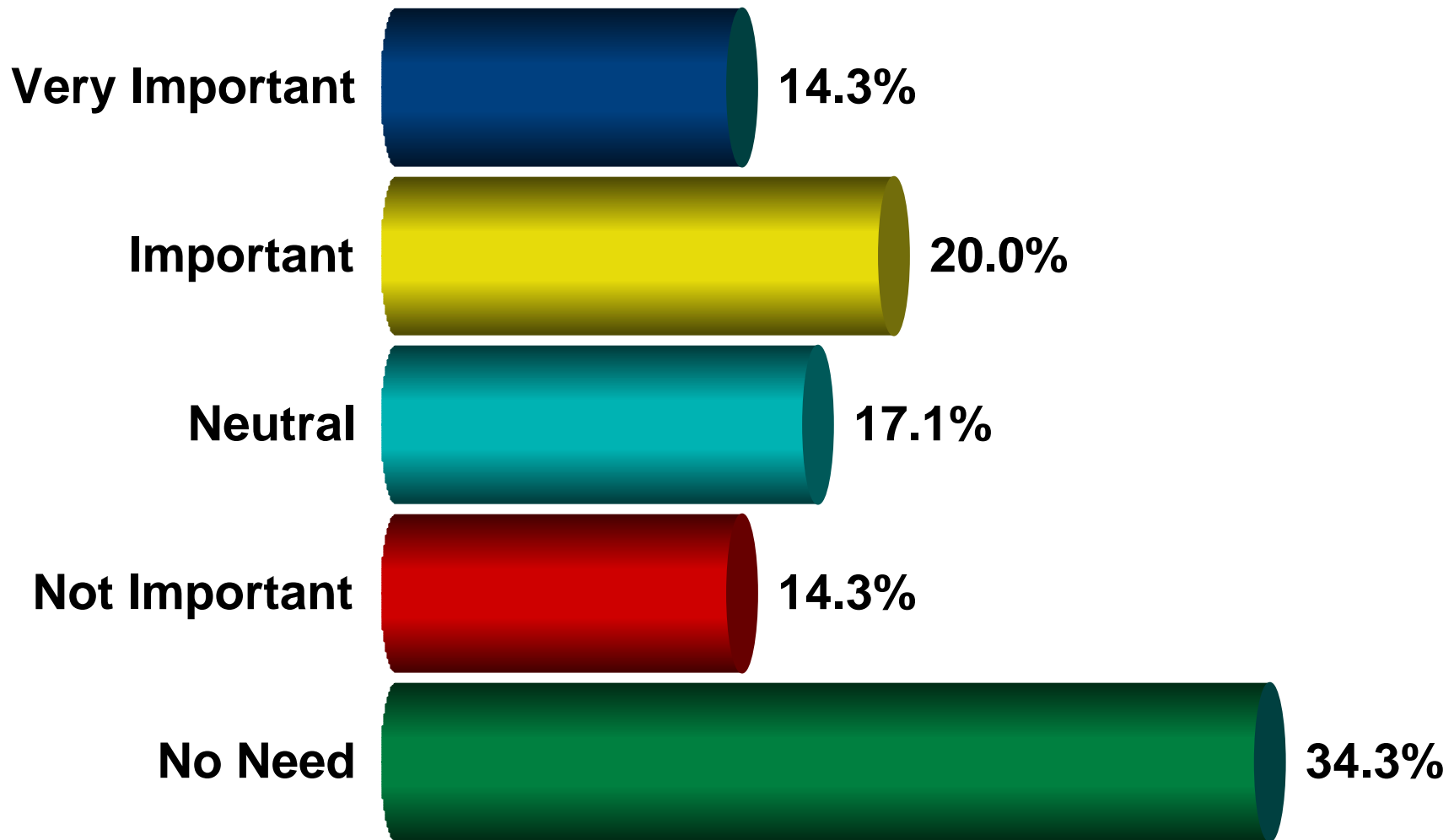


- 1 Very important
- 2 Important
- 3 Neutral
- 4 Not important
- 5 There is no need to extend Sports Arena



Sports Arena Extension

How important is this extension to you?

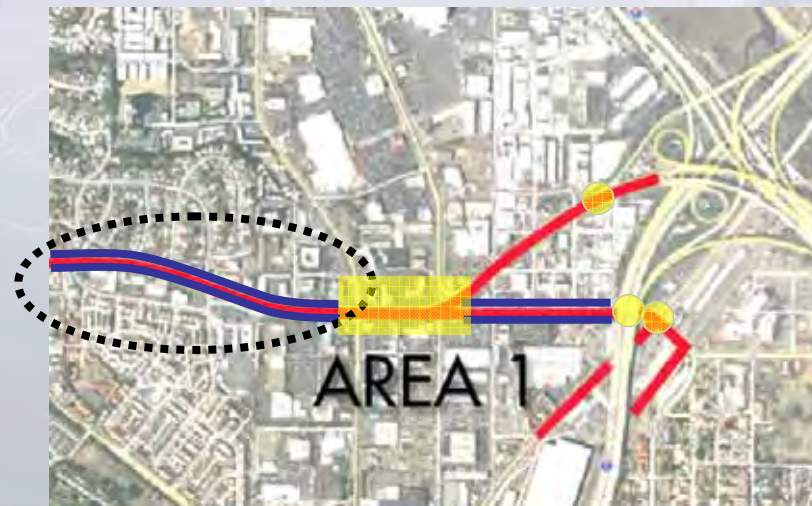


Rosecrans:
Bicycle Lanes from
Lytton To Sports Arena

How important are bicycle lanes?

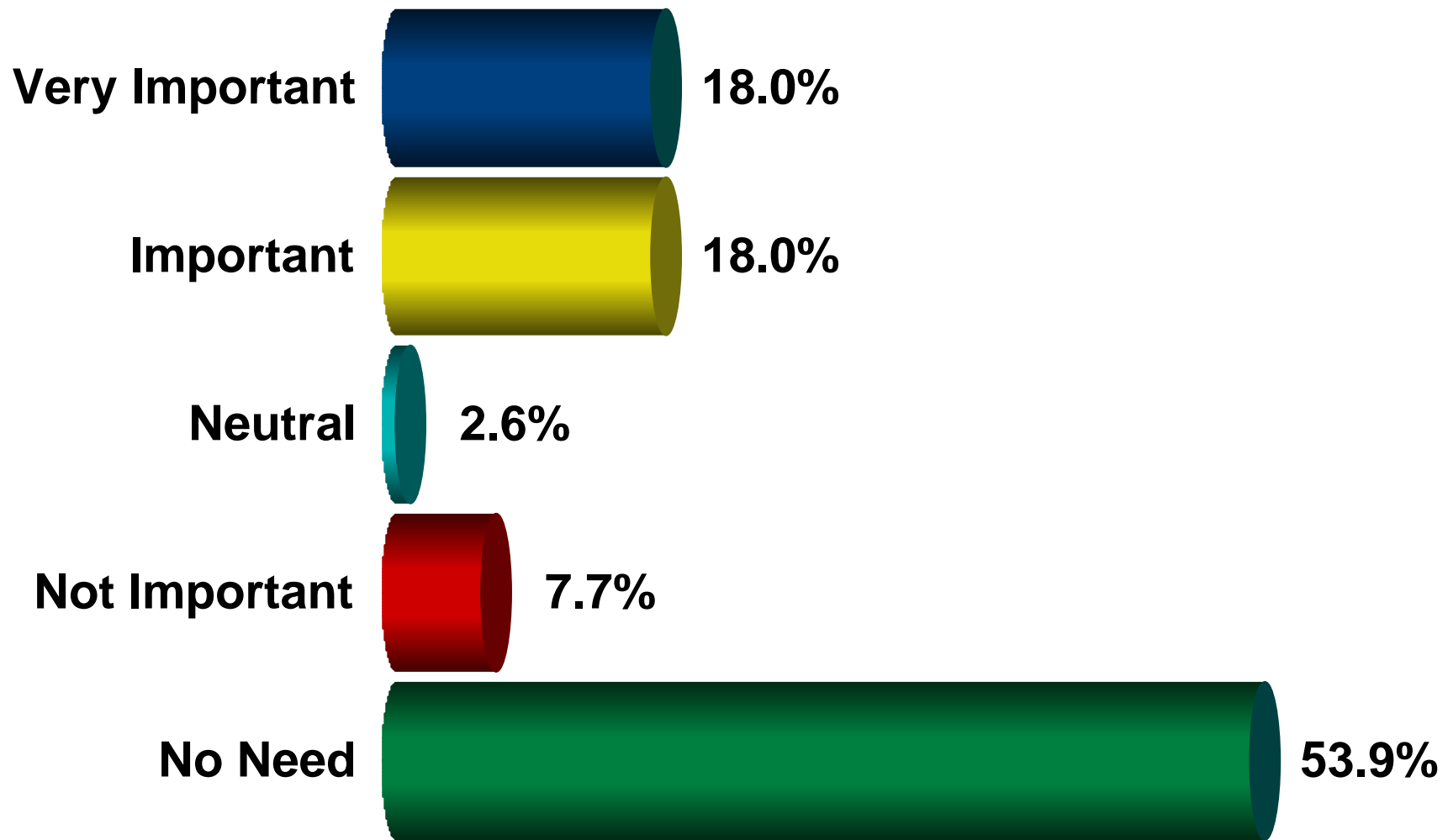


- 1 Very important
- 2 Important
- 3 Neutral
- 4 Not important
- 5 There is no need for bicycle lanes on Rosecrans

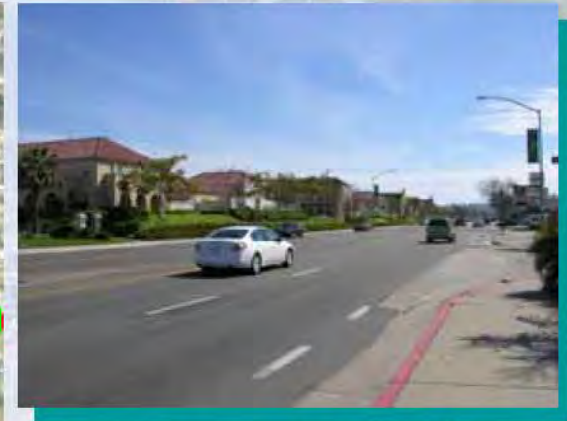


Rosecrans:
Bicycle Lanes from
Lytton To Sports Arena

How important are bicycle lanes?



Area 2



Rosecrans / Womble
&
Rosecrans / Roosevelt

How do you feel about modifying this signal?

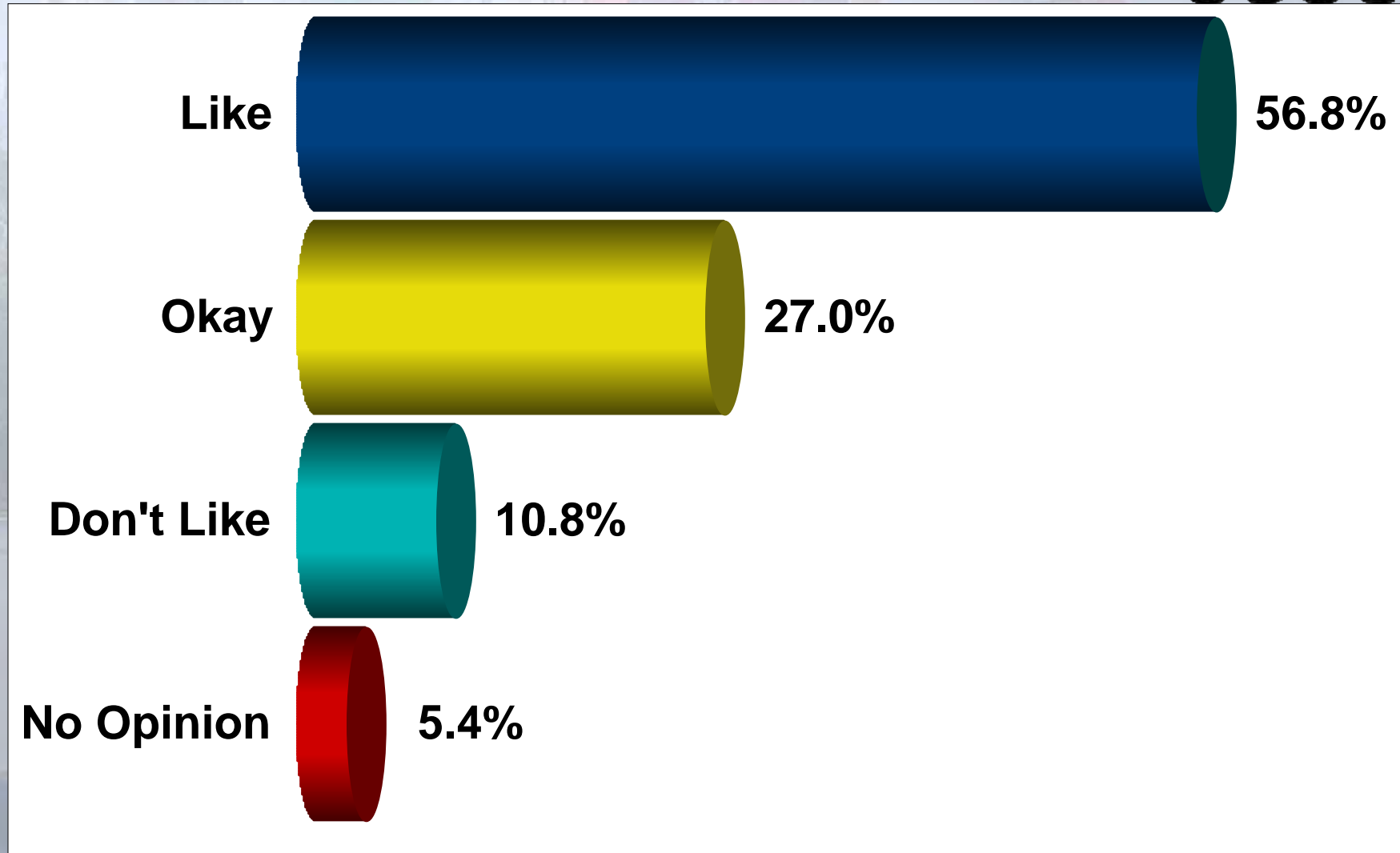


- 1 I like it.
- 2 It's okay.
- 3 I don't like it.
- 4 No opinion.



Rosecrans / Womble
&
Rosecrans / Roosevelt

How do you feel about modifying this signal?



Rosecrans:
Medians from
Roosevelt to Lytton

How should existing medians be modified?



- 1 Narrow medians to widen bicycle lanes
- 2 Extend medians & install additional landscape
- 3 Both of the above
- 4 Do not modify or install new medians.



Rosecrans:
Medians from
Roosevelt to Lytton

How should existing medians be modified?



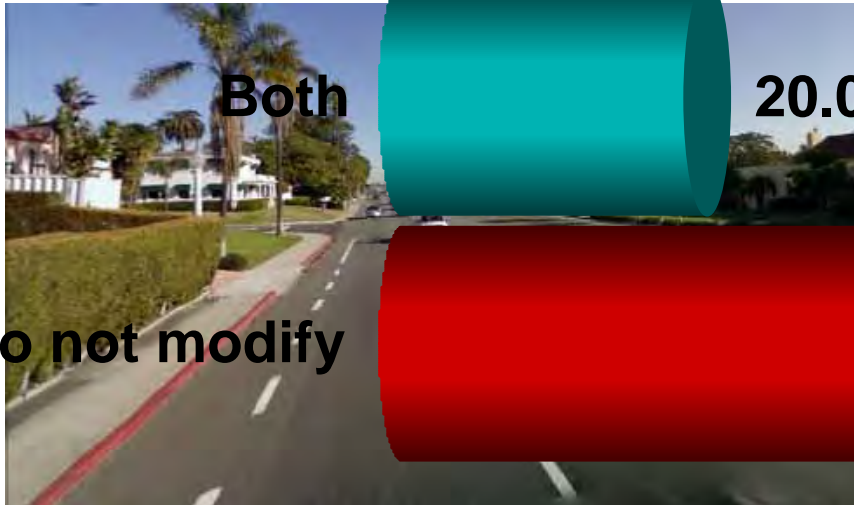
Narrow 5.0%

Extend medians & install additional landscape

Extend 12.5%

Both 20.0%

Do not modify 62.5%



Area 3



Rosecrans:
Nimitz Boulevard to
Shelter Island Drive

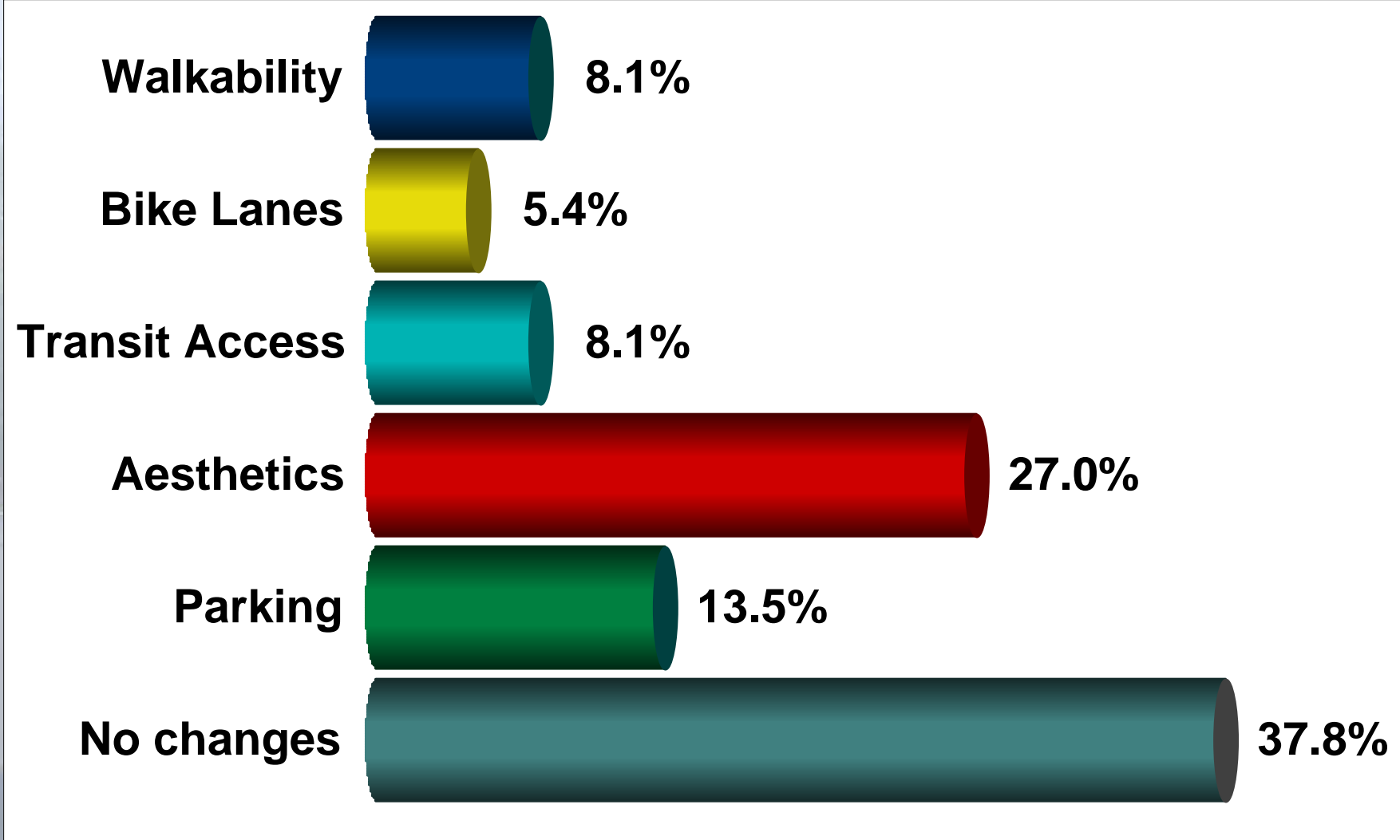
My top priority in
Area 3 is:



- 1 Improve pedestrian walkability
- 2 Integration of bicycle lanes
- 3 Improved access to transit
- 4 Aesthetic improvements/landscape
- 5 Increase parking
- 6 No changes in Area 3 are needed

Rosecrans:
Nimitz Boulevard to
Shelter Island Drive

My top priority in
Area 3 is:

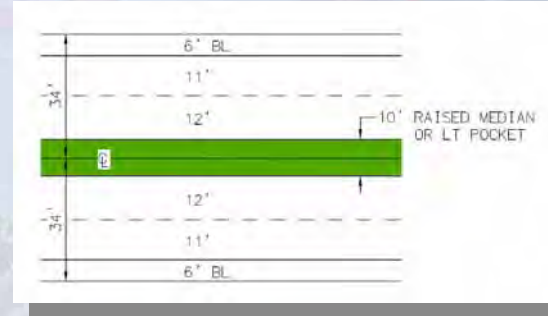


Rosecrans:
Nimitz Boulevard to
Shelter Island Drive

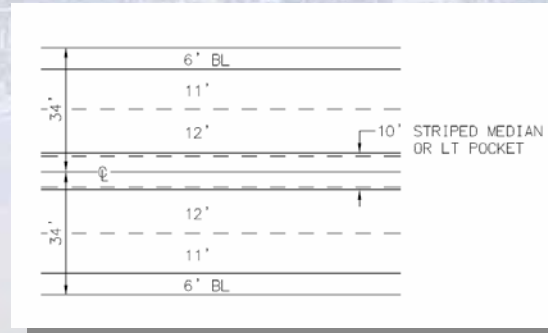
Which cross-section do you like BEST?



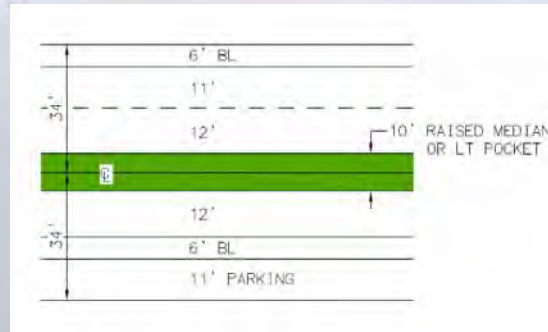
1



2

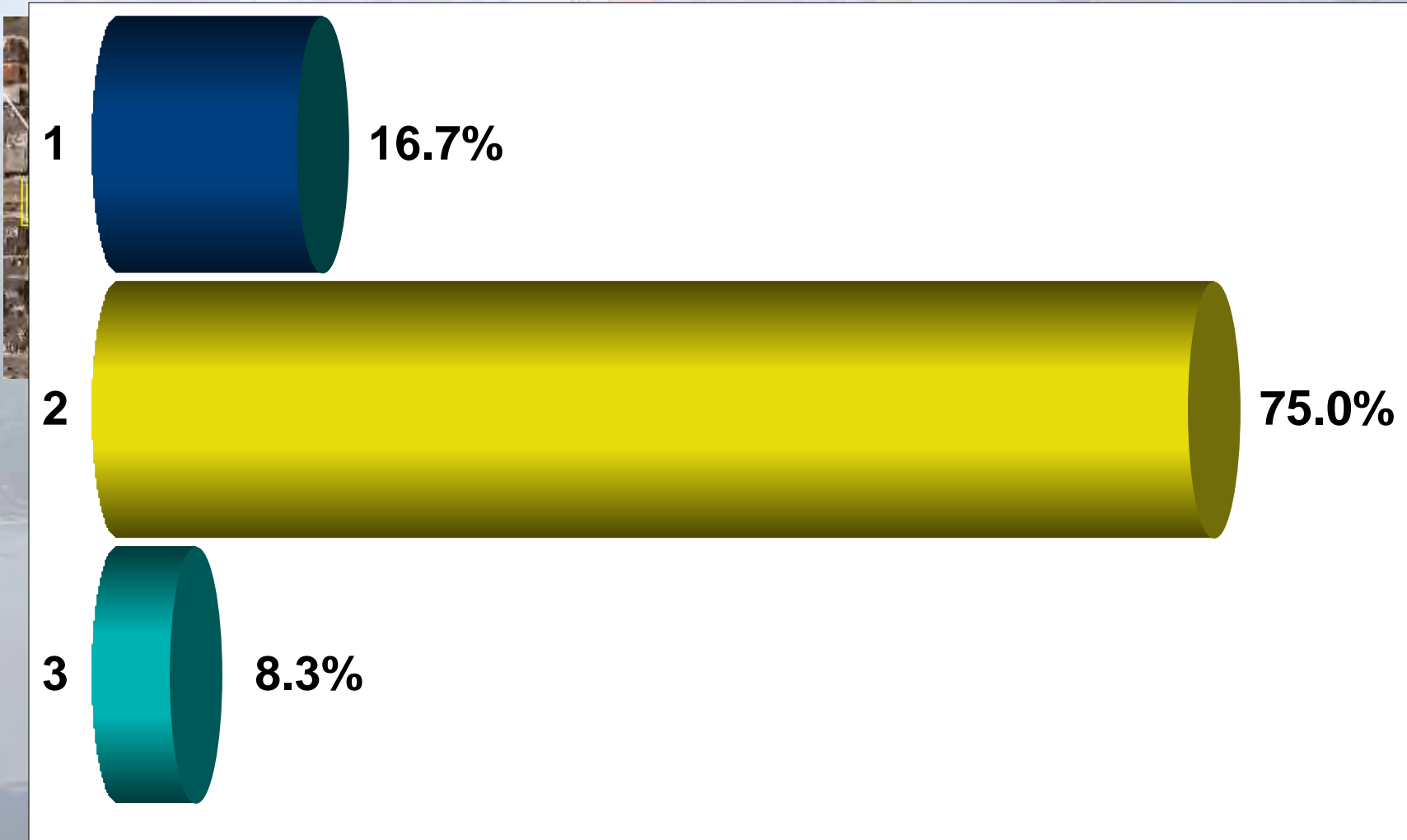


3



Rosecrans:
Nimitz Boulevard to
Shelter Island Drive

Which cross-section do you like BEST?



Rosecrans:
Harbor Drive to
Shelter Island Drive

Parking Restrictions

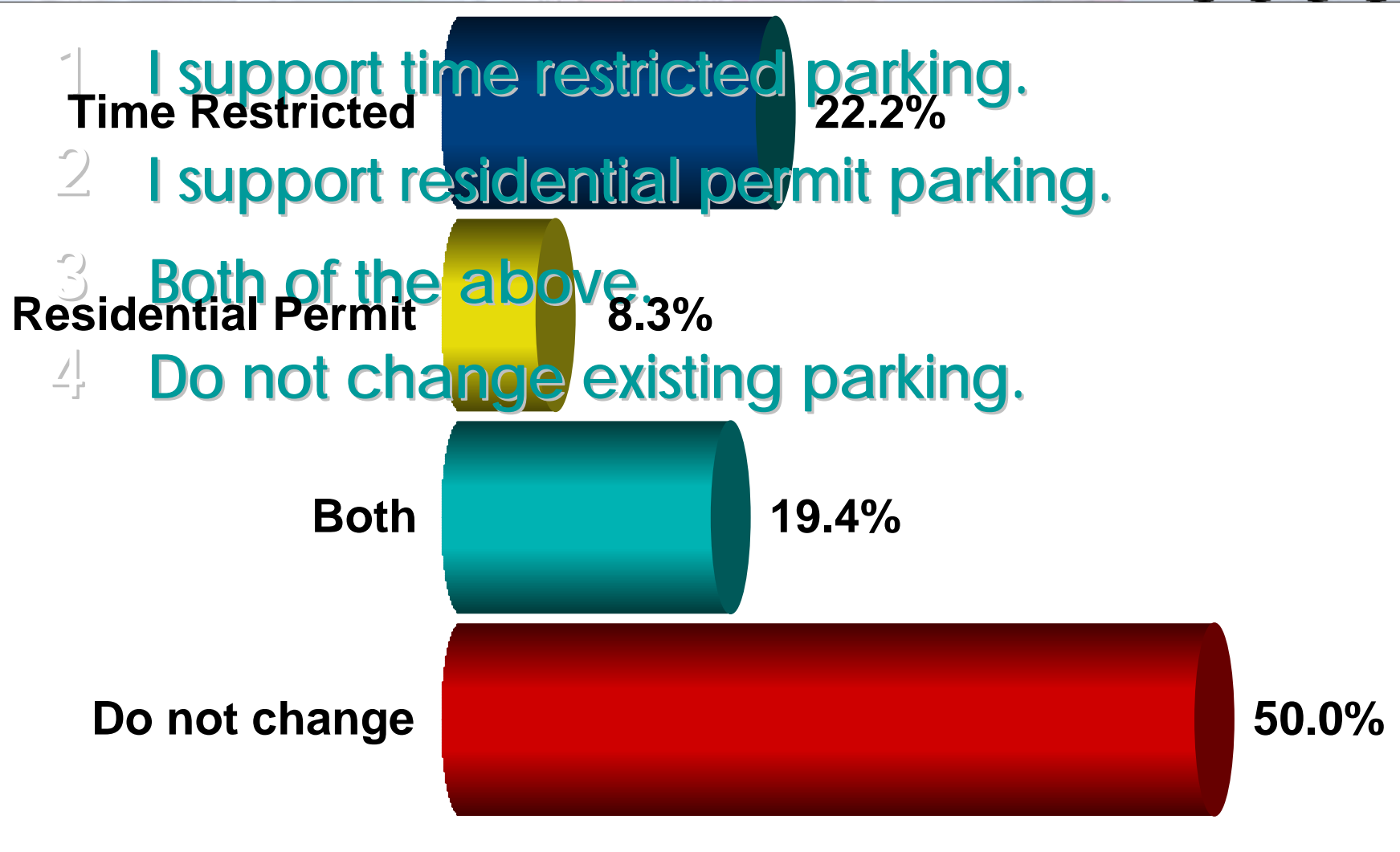


- 1 I support time restricted parking.
- 2 I support residential permit parking.
- 3 Both of the above.
- 4 Do not change existing parking.



Rosecrans:
Harbor Drive to
Shelter Island Drive

Parking Restrictions



Rosecrans / Emerson

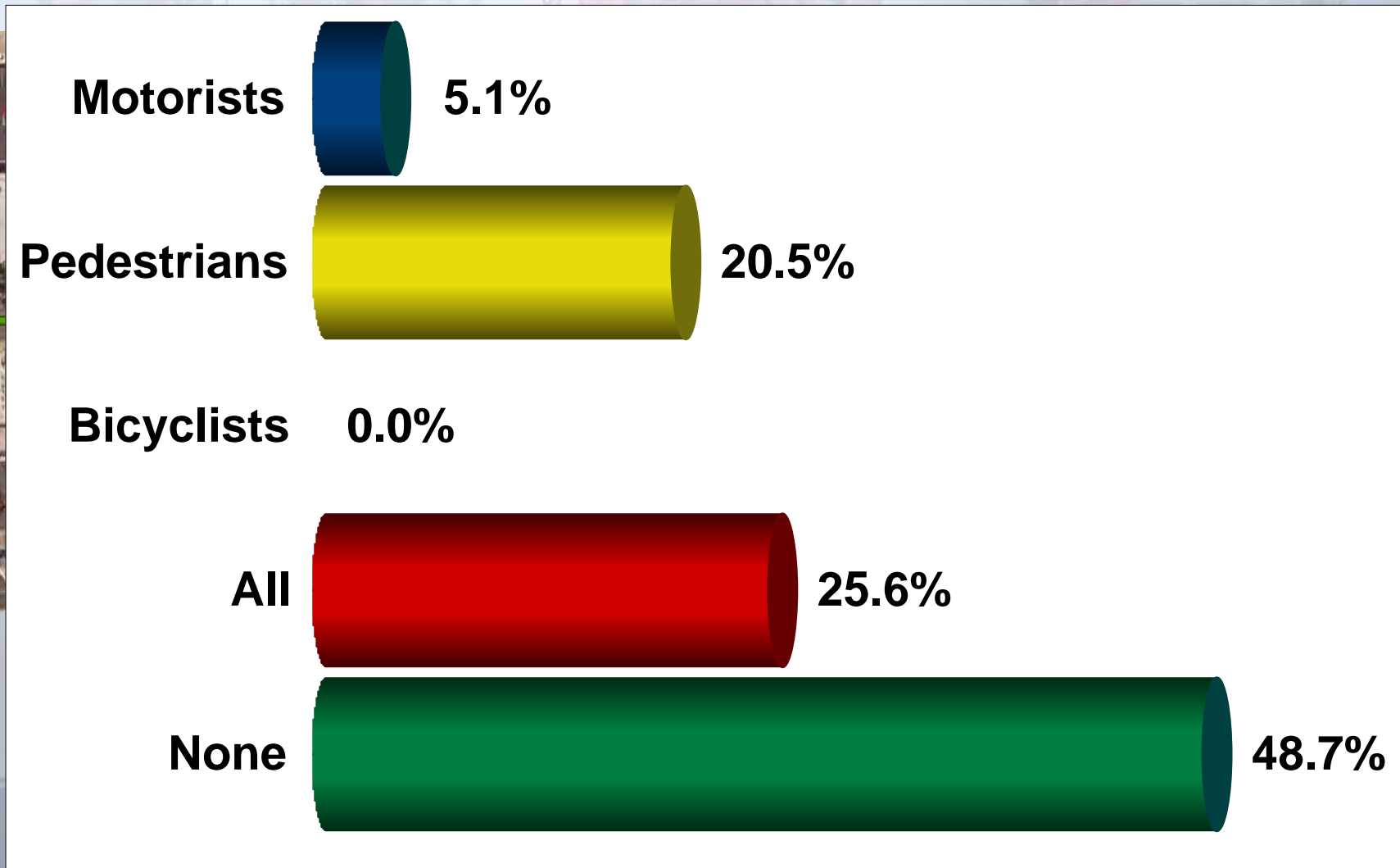
Who will benefit the most from a new signal?



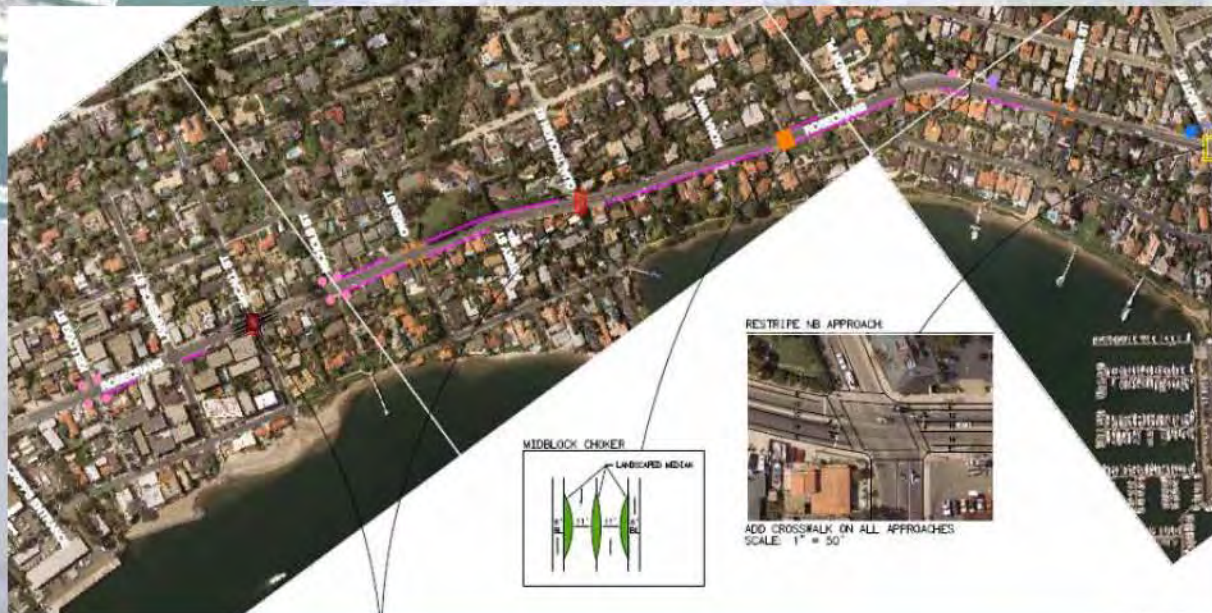
- 1 Motorists
- 2 Pedestrians
- 3 Bicyclists
- 4 All of the Above
- 5 None of the Above

Rosecrans / Emerson

Who will benefit the most from a new signal?



Area 4



Rosecrans &
Talbot Street

Do you like this striping change?

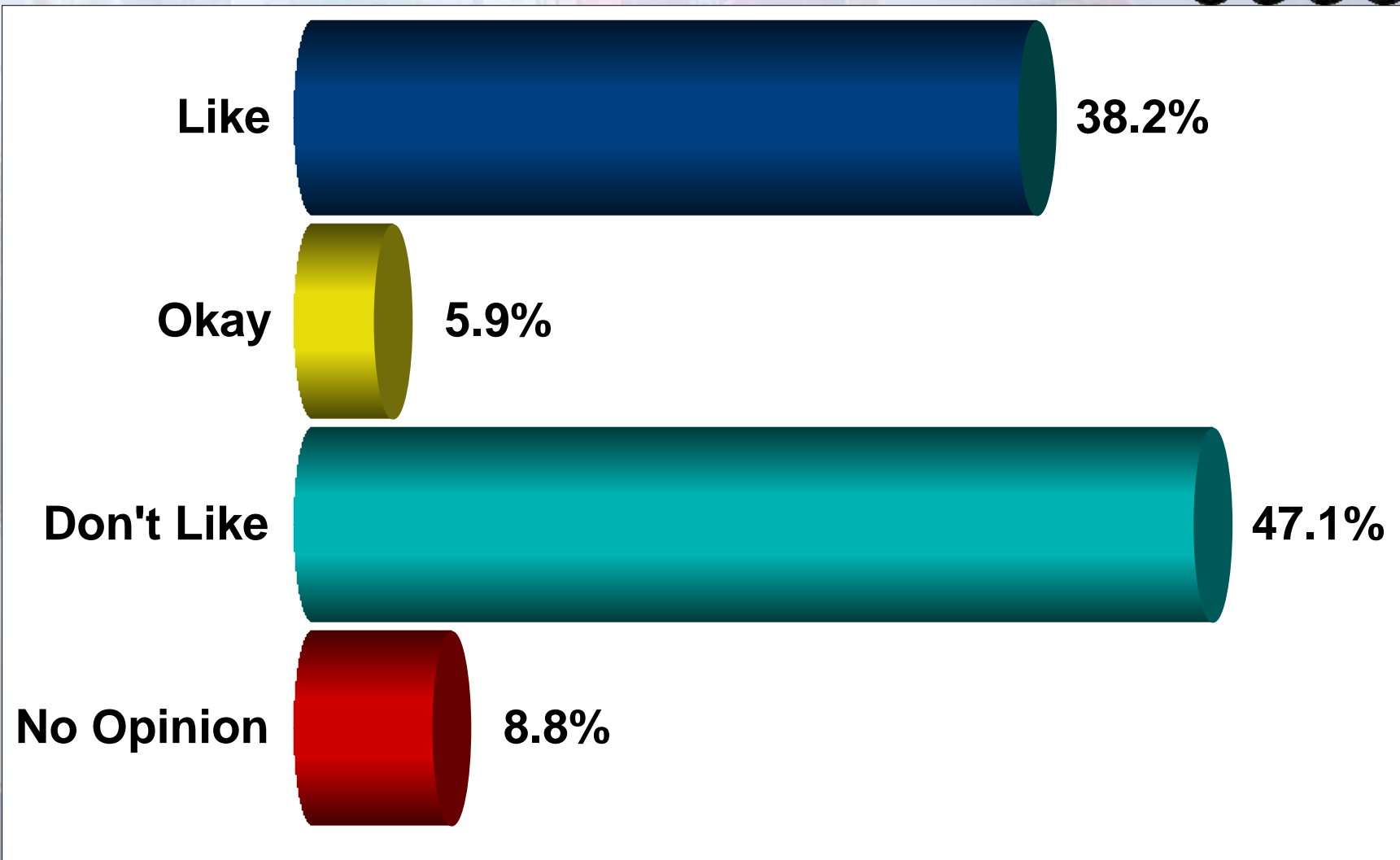


- 1 I like it.
- 2 It's okay.
- 3 I don't like it.
- 4 No opinion.



Rosecrans &
Talbot Street

Do you like this striping change?



Rosecrans:
Curve south of
Talbot

Which curve improvement would you like further explored?

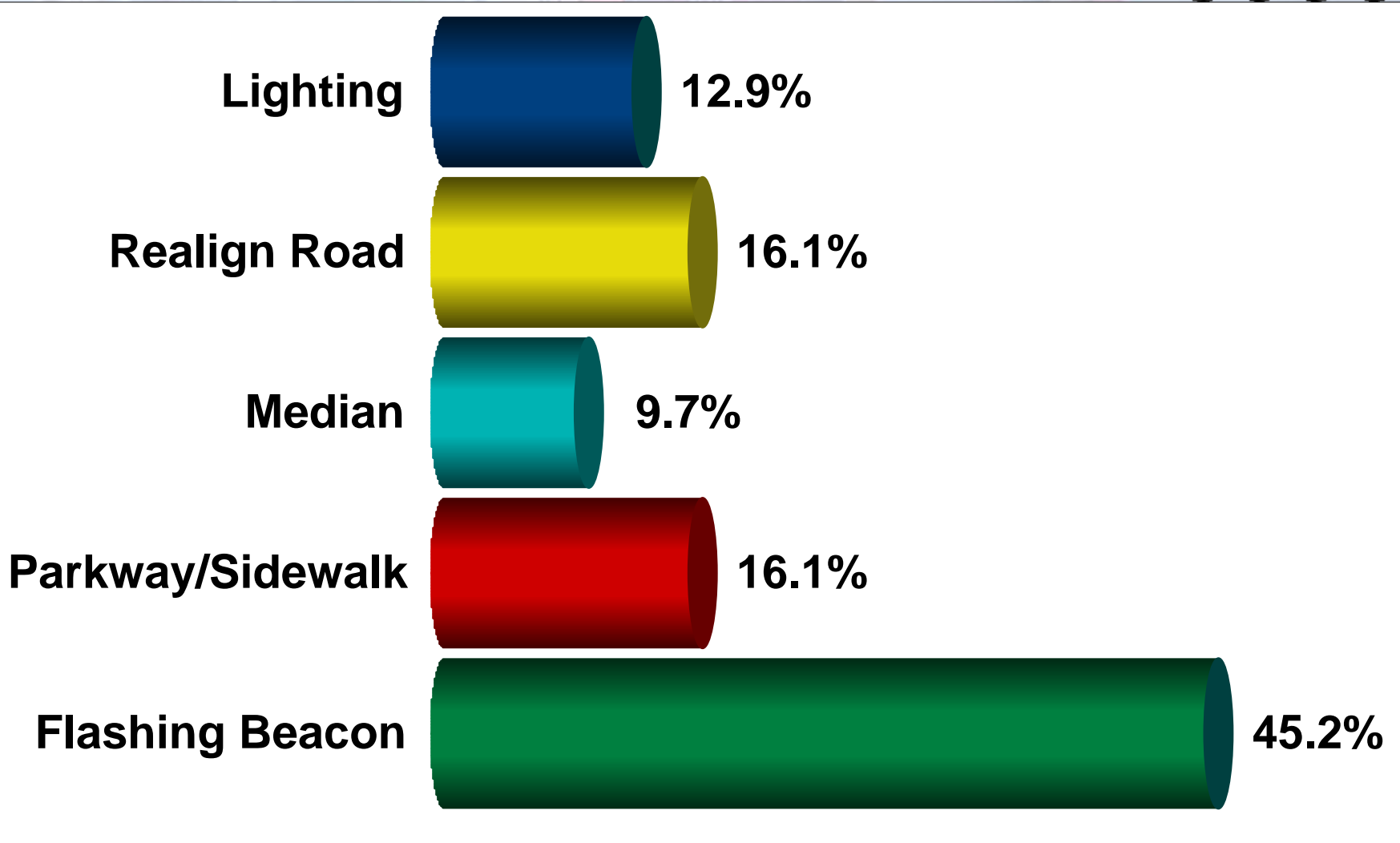


- 1 Improve lighting
- 2 Realign road/pavement
- 3 Install center median
- 4 Extend parkway/sidewalk
- 5 Install advanced flashing beacon



Rosecrans:
Curve south of
Talbot

Which curve improvement would you like further explored?



Rosecrans
Kellogg to Talbot

Should sidewalks in Area 4 be improved/completed?

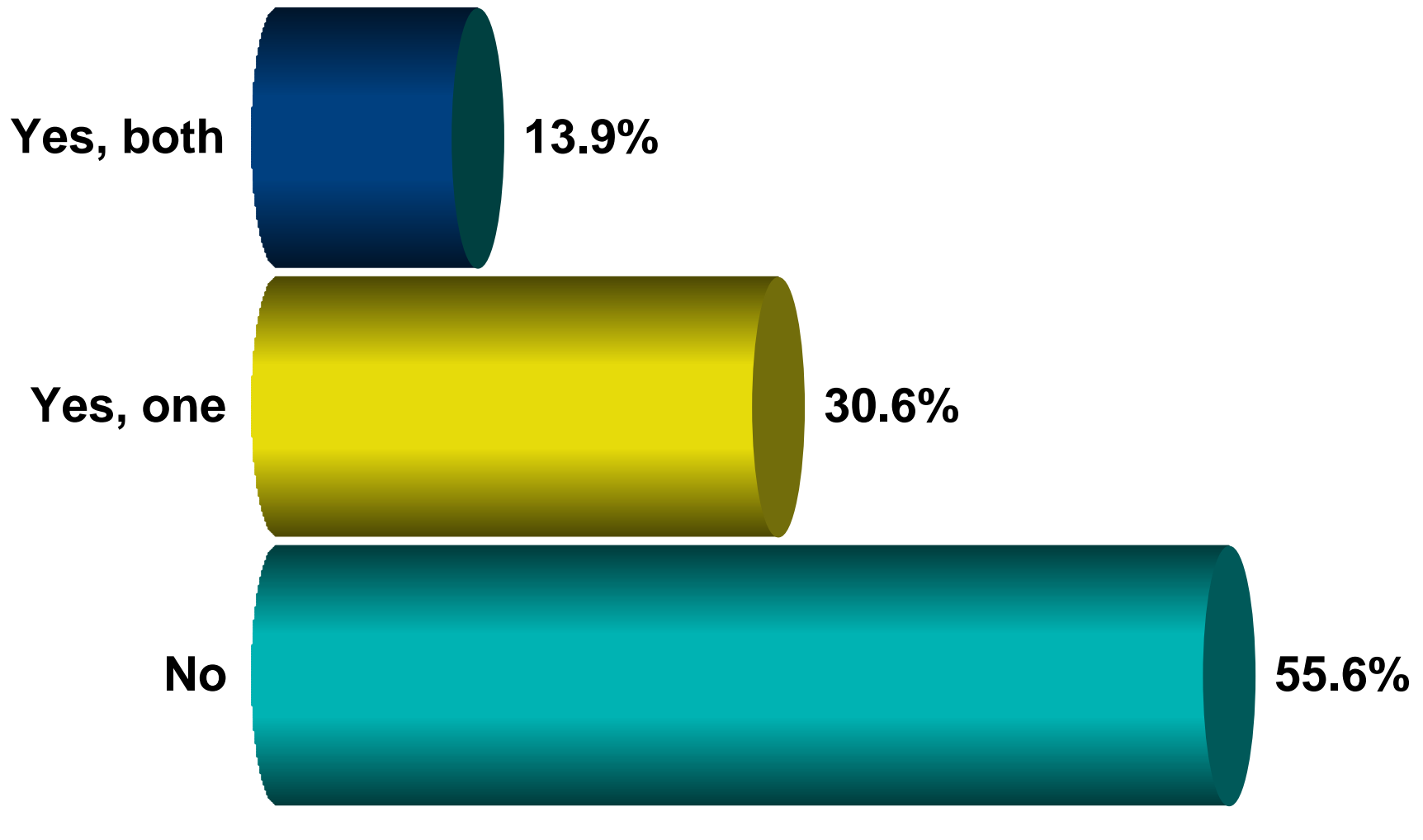


- 1 Yes. Improve & complete sidewalks on both sides of the street.
- 2 Yes. Improve sidewalks on one side of the street.
- 3 No. Additional sidewalks are not necessary.



Rosecrans
Kellogg to Talbot

Should sidewalks in Area 4 be improved/completed?



Rosecrans
Kellogg to Talbot

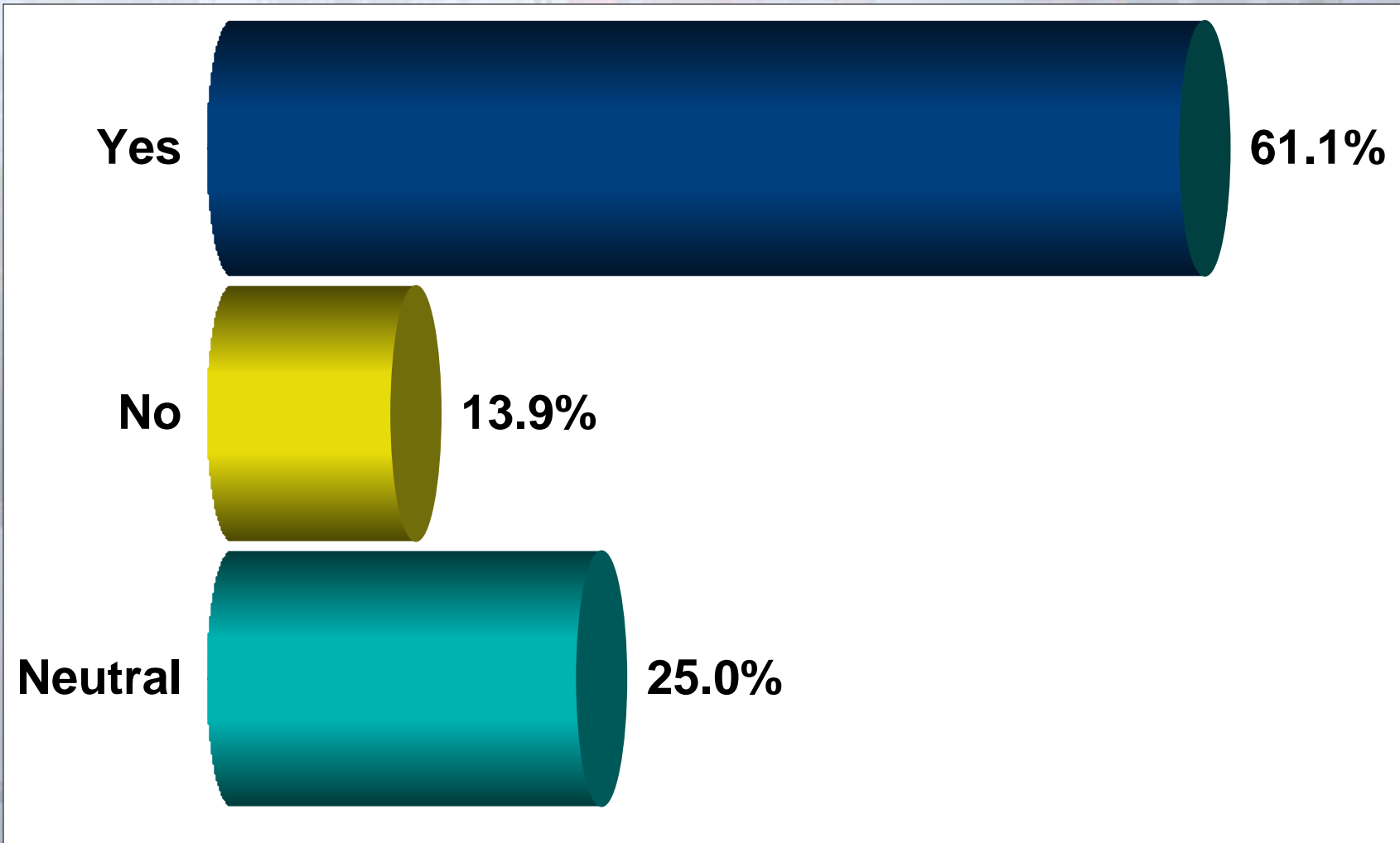
Do you feel traffic speed is an issue in Area 4?



- 1** Yes, it is an issue
- 2** No, it is not an issue
- 3** Neutral

Rosecrans
Kellogg to Talbot

Do you feel traffic speed is an issue in Area 4?



Rosecrans
Kellogg to Talbot

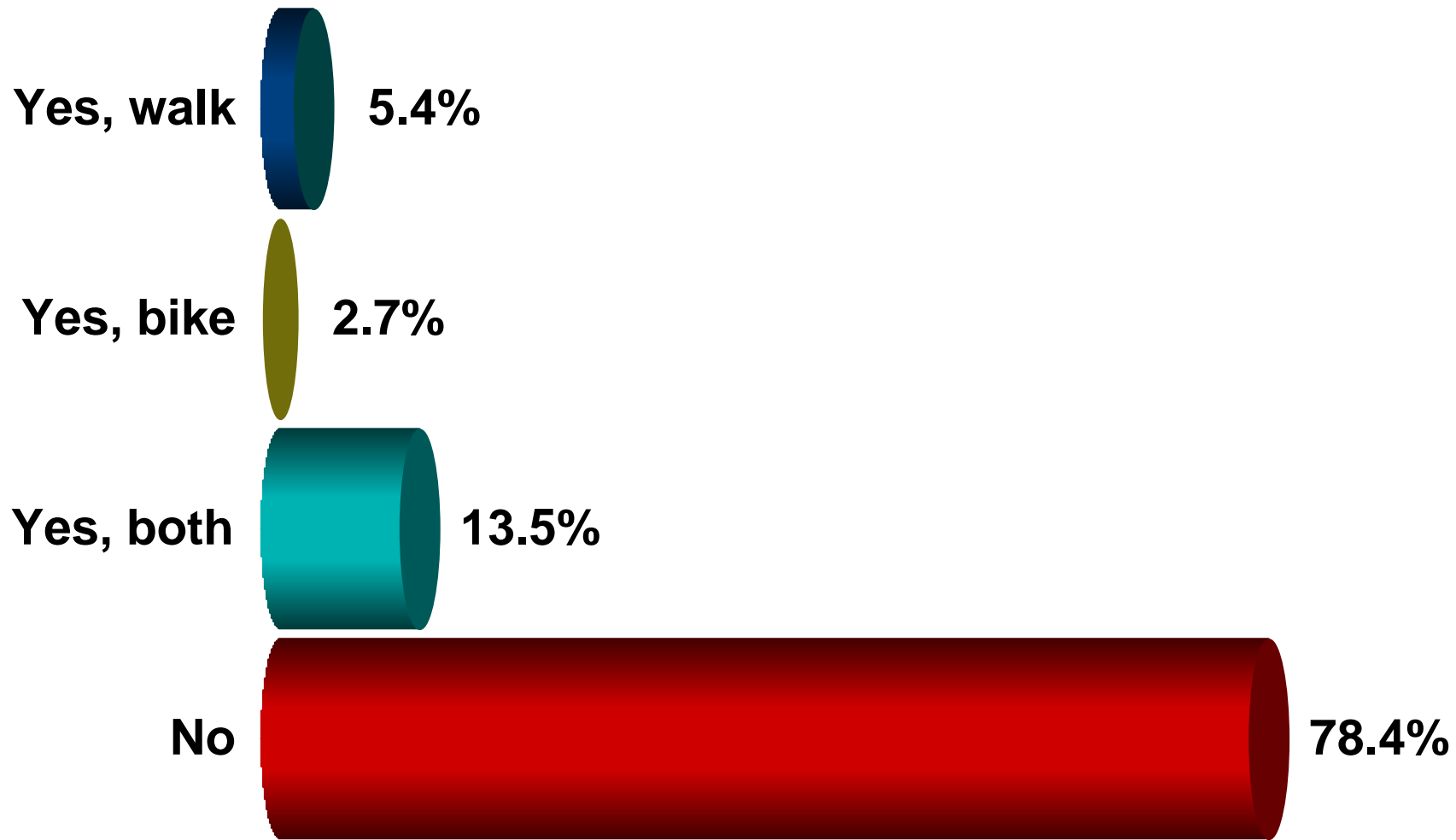
Would you walk or bike more if cars slowed down?



- 1 Yes. I would walk more in Area 4.
- 2 Yes. I would bike more in Area 4.
- 3 Yes. I would do both.
- 3 No.

Rosecrans
Kellogg to Talbot

Would you walk or bike more if cars slowed down?



Rosecrans
Kellogg to Talbot

Which traffic calming feature do you like BEST?



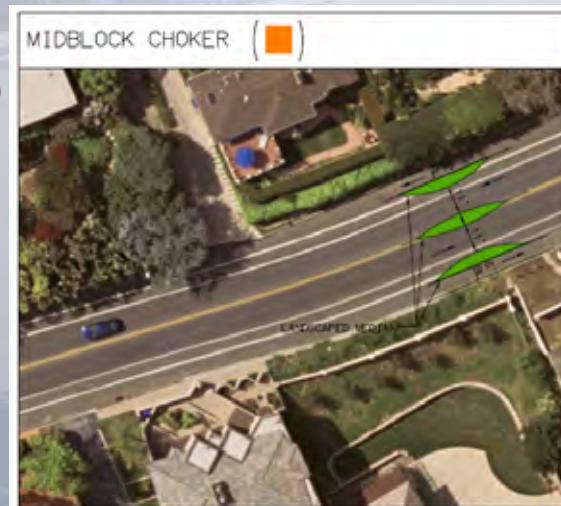
1



2



3

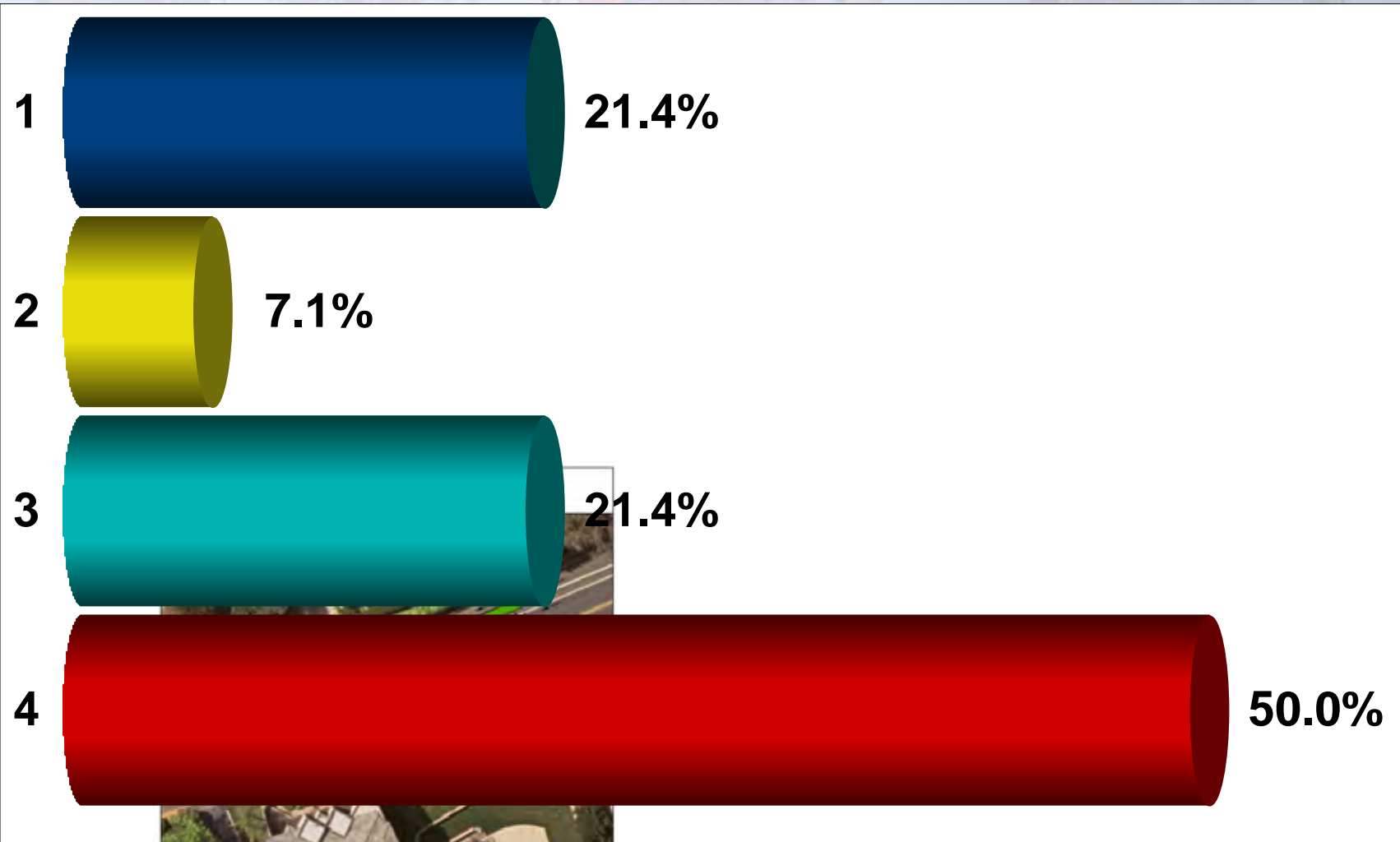


4



Rosecrans
Kellogg to Talbot

Which traffic calming feature do you like BEST?



Next Steps



Workshop #3
Review Preferred Concept Plan
Thursday, November 12th
6:00 p.m.
NTC Events Center

www.sandiego.gov/engineering-cip/rosecransstudy