

WELCOME

PUBLIC MEETING
November 29, 2016
Malibu City Hall

PCH Parking Study



Tonight's Agenda

- Presentation (6:30-7pm)
 - Study goals
 - Existing parking conditions
 - Collision analysis
 - Parking improvement concepts
- Break-out session (7-8pm)
- Wrap up and next steps (8-8:30pm)



Study Goals

- Promote improved safety and mobility for all modes of travel along PCH within Malibu
- Prepare an inventory of existing parking conditions and parking regulations
- Analyze collisions related to parking
- Develop recommendations to enhance parking where needed for residents, businesses, and the public
- Address requirements of the Local Coastal Program, Caltrans and other stakeholders

Competing Priorities

- City of Malibu
 - Local focus
 - Must balance other local needs
- Caltrans
 - State focus
 - Comply with Highway Design Standards
- Coastal Commission
 - Maximize parking
- Overall goal to work together to improve safety

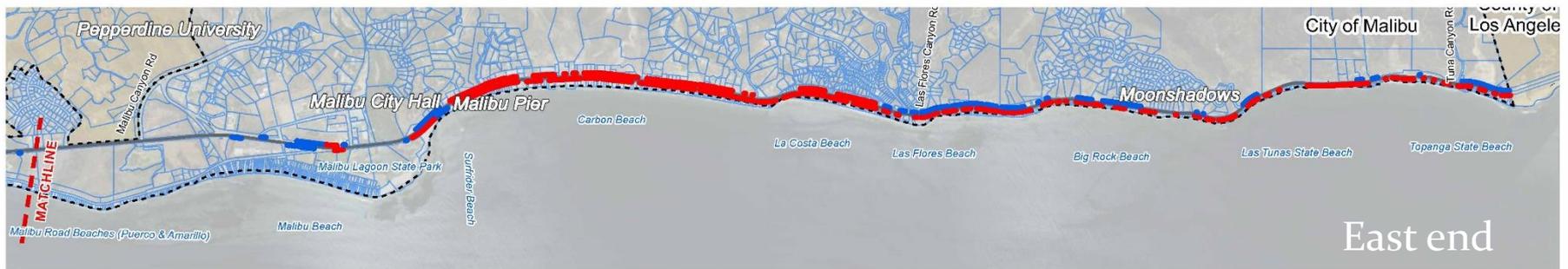
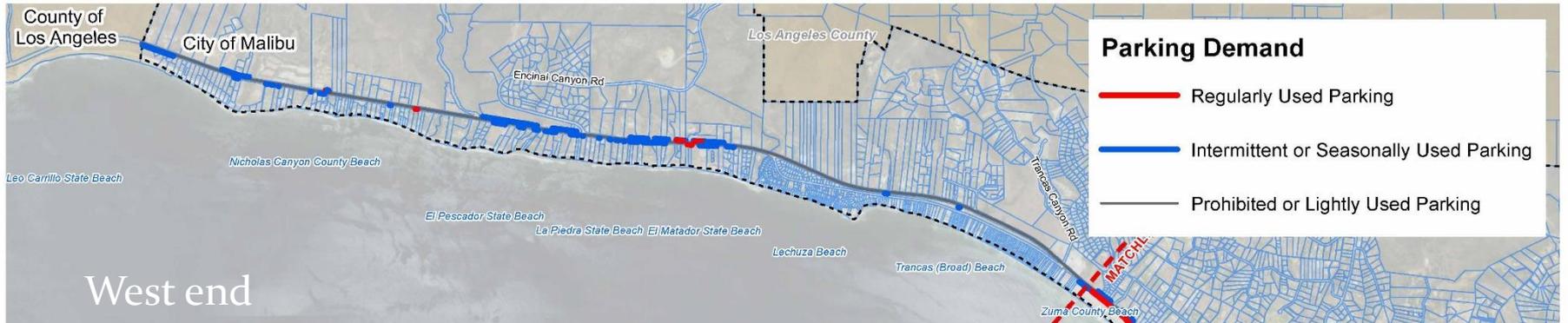
Potential Recommendations

- No changes without justification
- Modify roadway conditions to improve parking
- Relocate parking to more desirable locations
- Modify parking regulations to reduce likelihood of collisions

Parking Usage on PCH

- Heavy at all times in central Malibu & pier area
- Heavy on ocean side south east of central area
- Heavy near popular businesses
- Variable demand west of central Malibu
 - Heavy near beaches and accesses
 - Heavy near mountain trailheads
 - Light where not close to beaches, trailheads, businesses

Parking Usage on PCH



Field Observations

- Parking is already prohibited in many areas
- Many striped shoulders are too narrow to accommodate parked cars
 - Blocking travel way is illegal but difficult to enforce without signs



Field Observations

- Free on-street parking near beaches fills before paid lots
- High speed travel lanes are adjacent to parking
- Missing and inconsistent parking signs can cause confusion
- Bus Stop prohibition signage is inconsistent

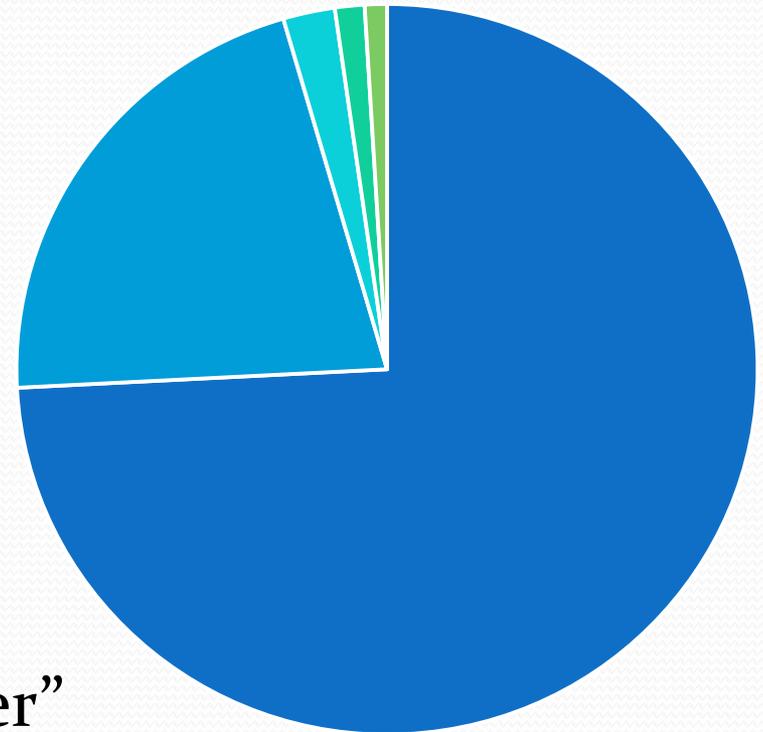


Parking Collision Info (2011-2015)

- Parking Collisions
 - Collision with parked vehicles
 - Involved vehicles while parking
 - Impaired line of sight due to parked cars
 - Involved Bicyclists
- 310 total parking-related collisions
 - <13% of all collisions
 - Includes 2 fatalities & 99 injuries
- Pedestrian Considerations

Parking-Related Collisions

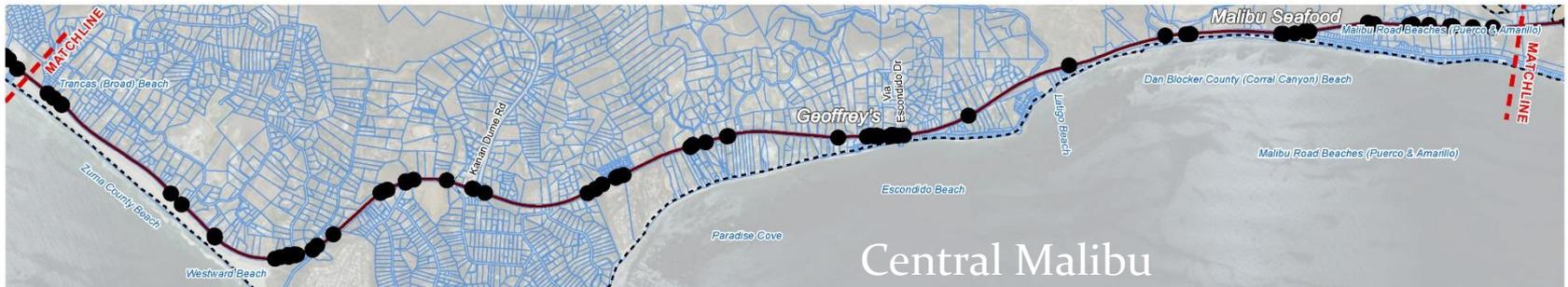
- 230 (74%) involved hitting a parked car
- 66 (21%) involved vehicles while parking
- 7 (2%) involved bicyclists
- 4 (2%) were classified as “other”
- 3 (1%) reported obscured sightlines due to parked cars



- Parked Vehicle
- Parking Maneuver
- Bicyclists
- Other Parking-Related Collisions
- Obscured Sightlines

Collision Locations

- Collision rates higher on east end where parking is more utilized



Collisions Can Occur Anywhere

- Heavy parking areas experience more collisions
- Areas with lightly used parking also experience collisions
 - Often at higher speeds

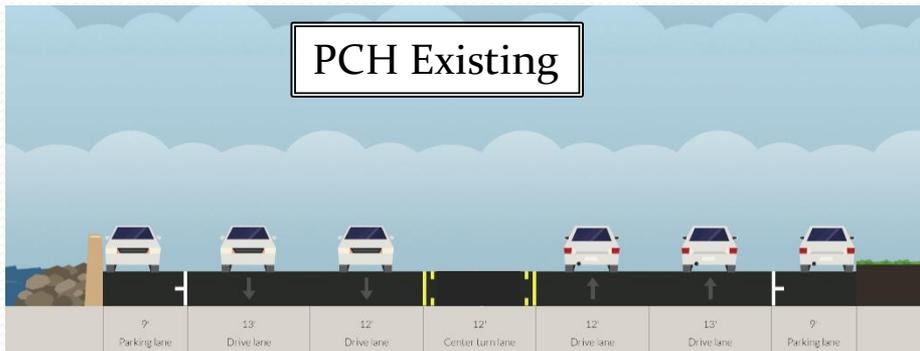
Safety Benefits of Parking

- Parked cars can shield pedestrians
- Many collisions with parked cars do not result in severe injuries or fatalities
 - Lower speeds
 - Airbags and seat belts
- Speeds may increase if parking is prohibited

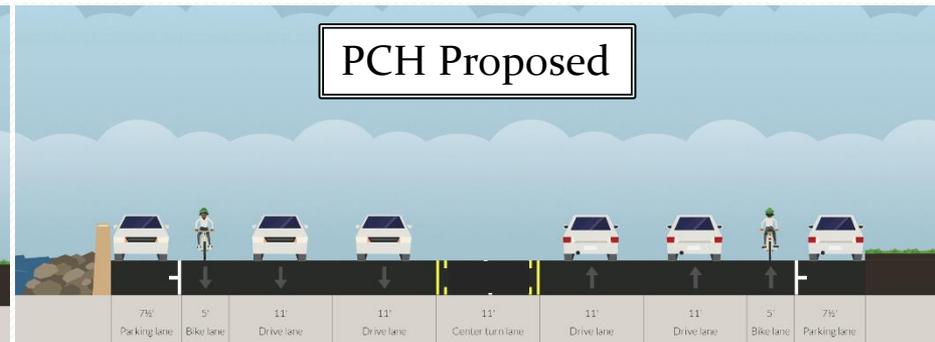
Improvement Concepts

- Consider restriping PCH to:
 - Narrow lanes and widen shoulders
 - Increase separation between moving and parked vehicles
 - Improve line of sight for entering motorists
 - Improve line of sight for vehicles leaving parking
 - Provide improved area for pedestrians and bicyclists

PCH Existing

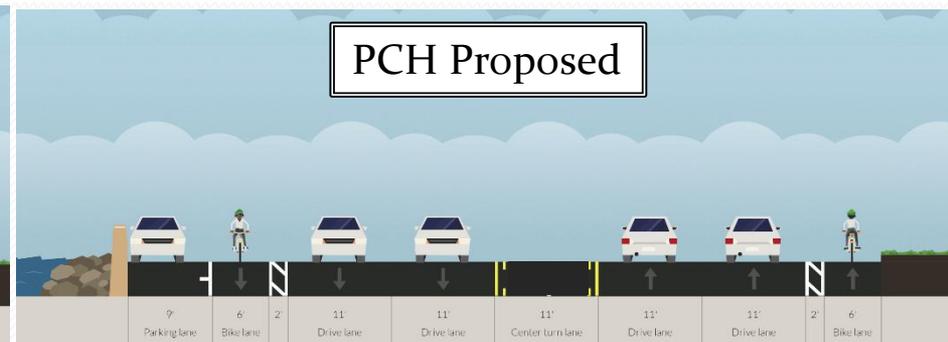
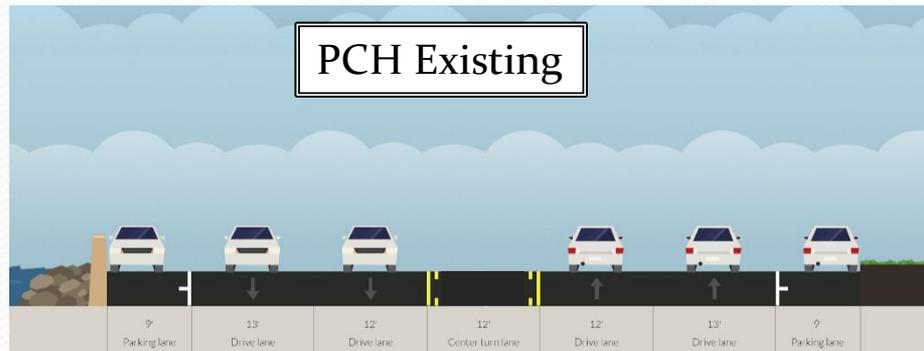


PCH Proposed



Improvement Concepts

- Consider restriping PCH to:
 - Remove parking on the inland side and improve parking on the ocean side
 - Increase separation between moving and parked vehicles
 - Improve line of sight for entering motorists
 - Improve line of sight for vehicles leaving parking
 - Provide improved area for pedestrians and bicyclists



Improvement Concepts

- Consider widening shoulders to improve parking areas:
 - Increase separation between moving and parked vehicles
 - Improve line of sight for entering motorists
 - Improve line of sight for vehicles leaving parking
 - Provide improved area for pedestrians and bicyclists



Improvement Concepts

- Consider posting uniform, clear parking signage
- Consider modifying parking for safety
 - Areas with low parking demand
 - Address line of sight concerns
 - Areas that are too narrow to allow parking
 - Bus stops, where not already posted
 - Other areas, where necessary
- Can loss be replaced at other locations?

North/West of Trancas Canyon

- Low Frequency of Collisions
- Heavy seasonal parking for State/County Beaches
- Surplus width in lanes
- Some narrow shoulders

4.8 miles
8 collisions
50% ocean side*



*Collision data from 2011-2015

Zuma Beach to Pepperdine

- Moderate Frequency of Collisions
- Heavy seasonal parking for State/County Beaches
- Shoulder widening options are limited

8.4 miles
76 collisions
49% ocean side*



*Collision data from 2011-2015

Central/East Malibu

- High Frequency of Collisions (parking & others)
- Heavy parking at all times
- Surplus width in lanes
- Some narrow shoulders

7.4 miles
226 collisions
46% ocean side*



*Collision data from 2011-2015

Next Steps

- Gather Stakeholder and Community Input (2016)
- Draft Recommendations (1/2017)
- Coordinate with Coastal Commission (1-2/2017)
- Present to Public Safety and Public Works Commission (2/2017)
- Draft PCH Parking Study Report (3/2017)
- Present to City Council (4/2017)

Please provide your input

- Where is parking necessary for you?
- Where is parking causing problems for you?
- Please suggest improvements you would like to see
- Please be specific. Your input is important

Improvement Concepts

- Consider restriping to narrow lanes & widen shoulders
 - Increases separation between moving and parked vehicles
 - Improves line of sight for entering motorists
 - Improves line of sight for vehicles leaving parking stalls
 - Provides better space for walkers and bicyclists
- Consider widening shoulder to provide improved parking areas
 - Same benefits as above
- Consider posting uniform, clear parking signage
- Consider modifying parking regulations to eliminate potential collisions
 - Areas with low parking demand
 - Line of sight concerns
 - Other areas
- Consider modifying parking regulations in low demand areas to provide more room in desirable areas (including relocate from inland to ocean side)

Your Input is Critical to this Study!

www.malibucity.org/PCHParkingStudy

Submit comments by December 16, 2016

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