

# Rice Street Week

County of Kaua'i



# Rice Street Week Activities



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# What is Rice Street today?

- A thoroughfare
- A place to do business
- A place to shop and dine
- A place to explore history
- A place for community celebrations
- A place to live

# What could Rice Street be tomorrow?

- A destination
- A place to live, work and play for all ages
- A place to connect with other people
- Lihue's "Main Street"
- A vibrant commercial, residential, civic and cultural center

# “Main Street” Characteristics



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# How do we get there?



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# What are some Rice Street challenges?

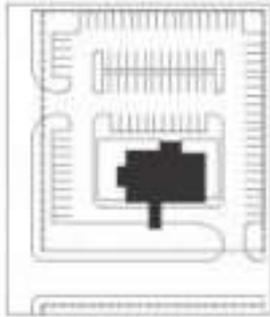
- Shared parking/through lanes
- Shared through/left turn lanes
- Traffic speeds
- Not comfortable for walking
- Not comfortable for bicycling

# Rice Street Goals

- Support mixed use and revitalization
- Be Līhu‘e’s “Main Street”
- Be functional with mid-block driveways
- Support bicycle connectivity
- Slow traffic speeds but maintain traffic flow
- Enhance walkability
- Provide on-street parking where needed
- Consider parades and festivals

# Support mixed use and vitalization

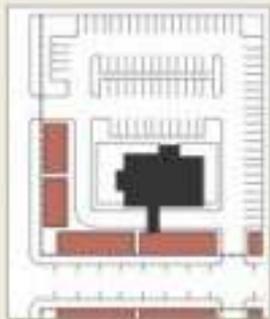
BEFORE



Existing Suburban Restaurant Pad



AFTER



Proposed Liners



# Support mixed use and vitalization



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# Support mixed use and vitalization



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# Support mixed use and vitalization



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# Līhu'e Bicycle Network



- Proposed Bike Lane
- Proposed Path
- Proposed Shared Roadway
- Proposed Bike Boulevard

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# Consider parades



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# Four Areas of Rice Street

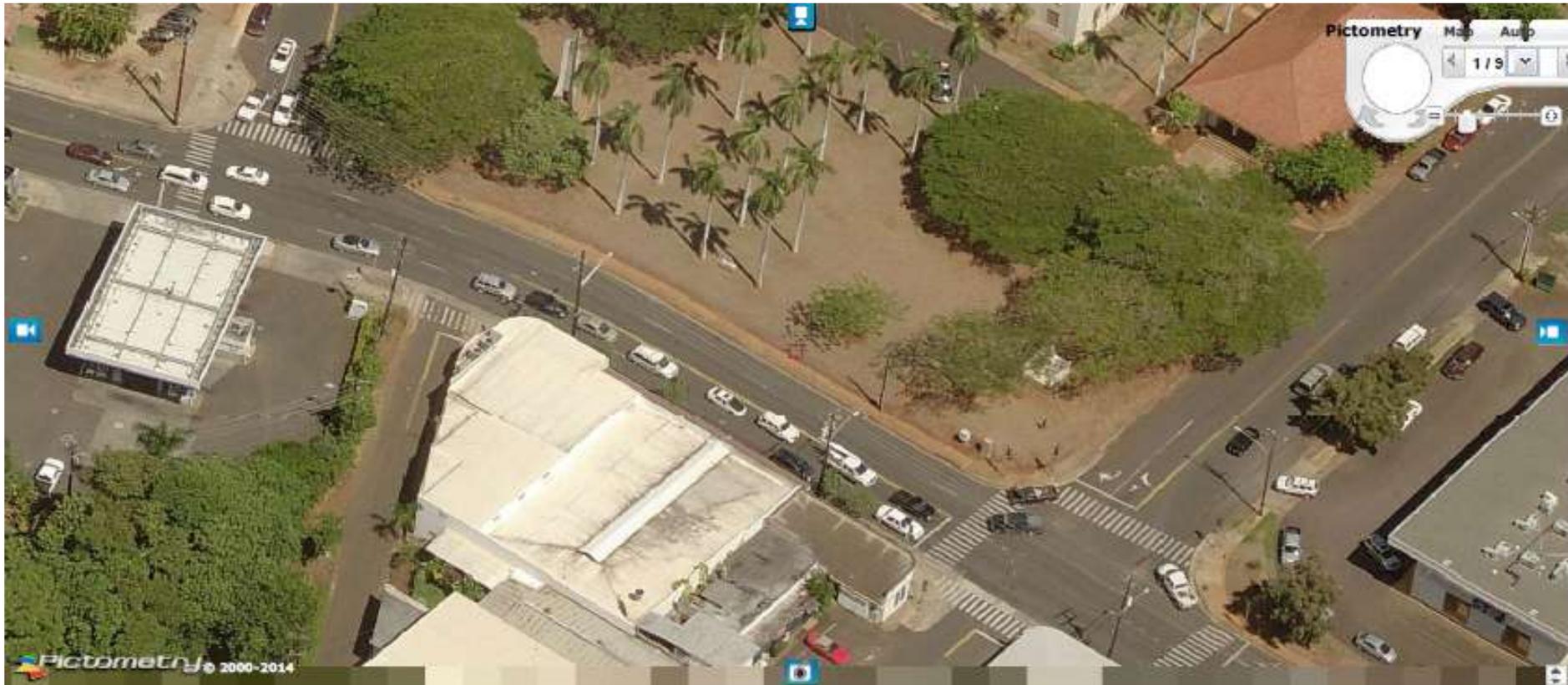
## 1. Highway to Eiwa Street



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# Four Areas of Rice Street

## 2. Eiwa to Umi Street



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# Four Areas of Rice Street

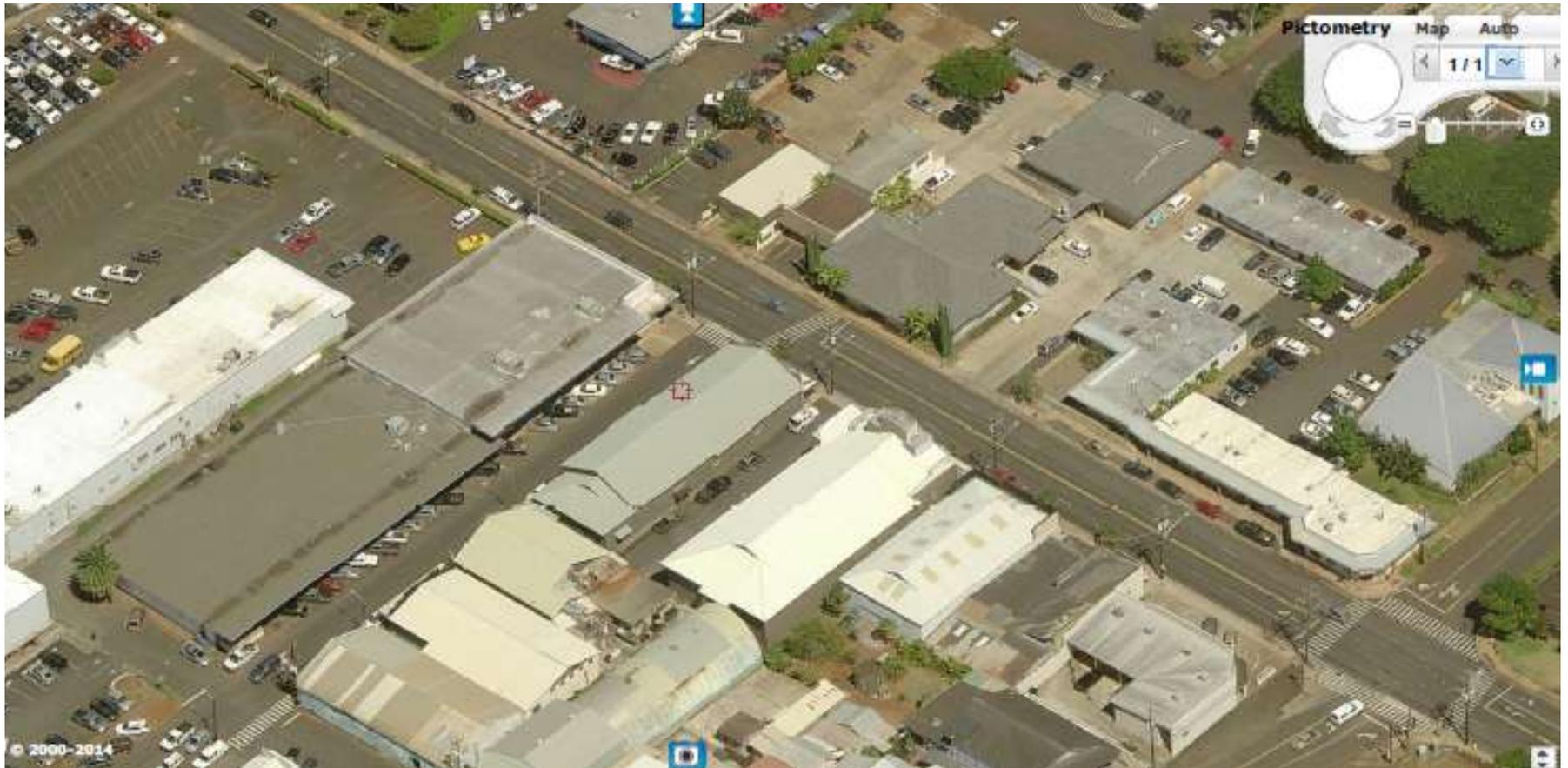
## 3. Umi to Hardy Street



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# Four Areas of Rice Street

## 3. Umi to Hardy Street



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# Four Areas of Rice Street

## 4. Hardy to Hoolako Street



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# Four Areas of Rice Street

## 4. Hardy to Hoolako Street



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# Four Areas of Rice Street

## 4. Hardy to Hoolako Street



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# Rice Street Concept

## 1. Highway to Eiwa Street



# Rice Street Concept

Rice St. at Eiwa St.

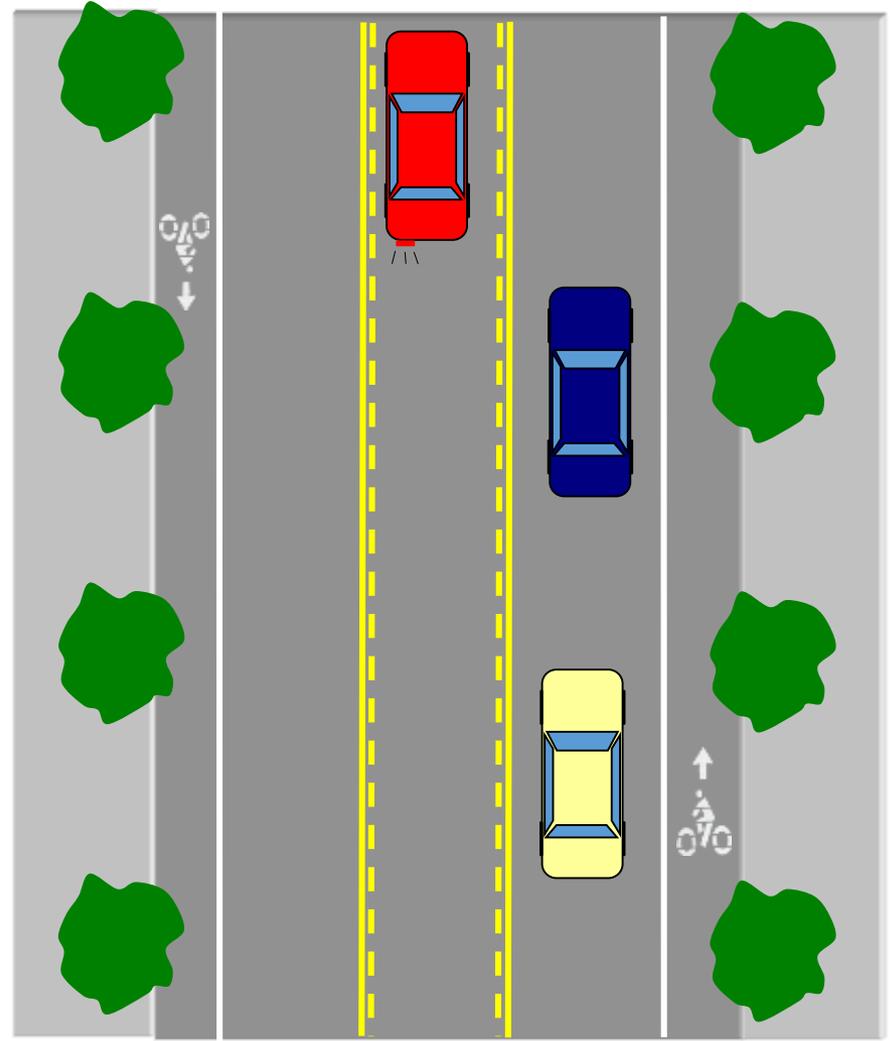
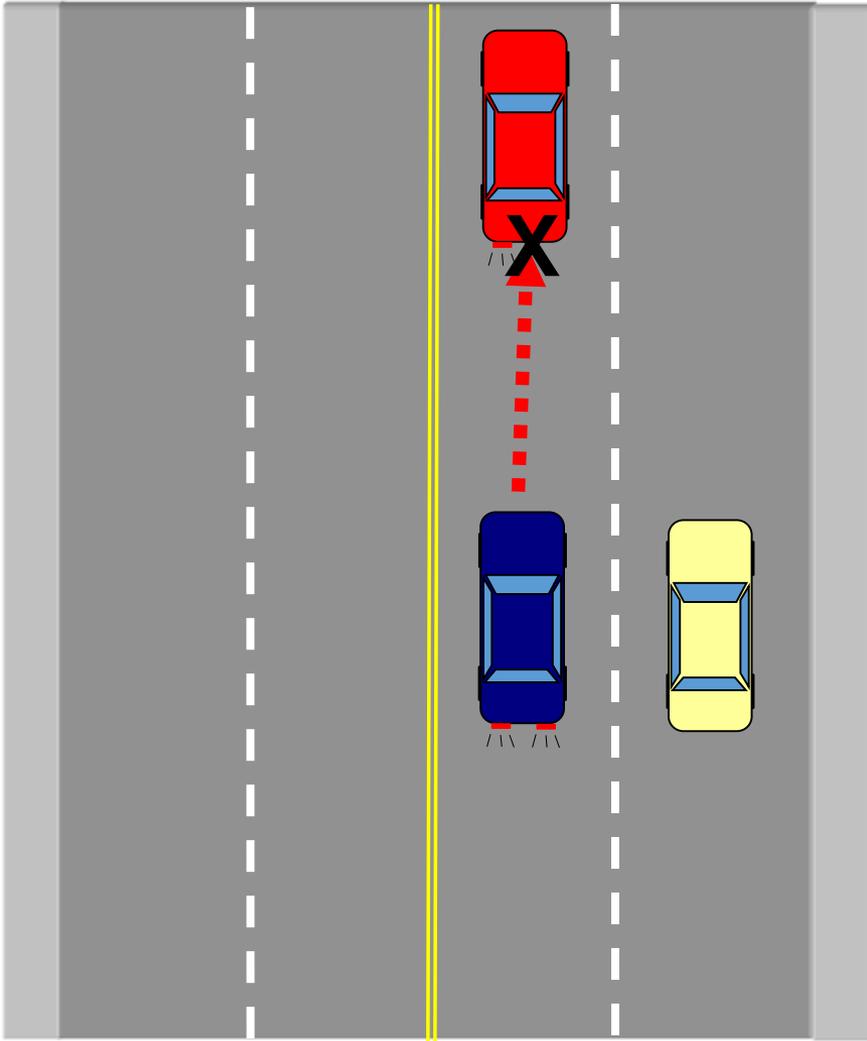


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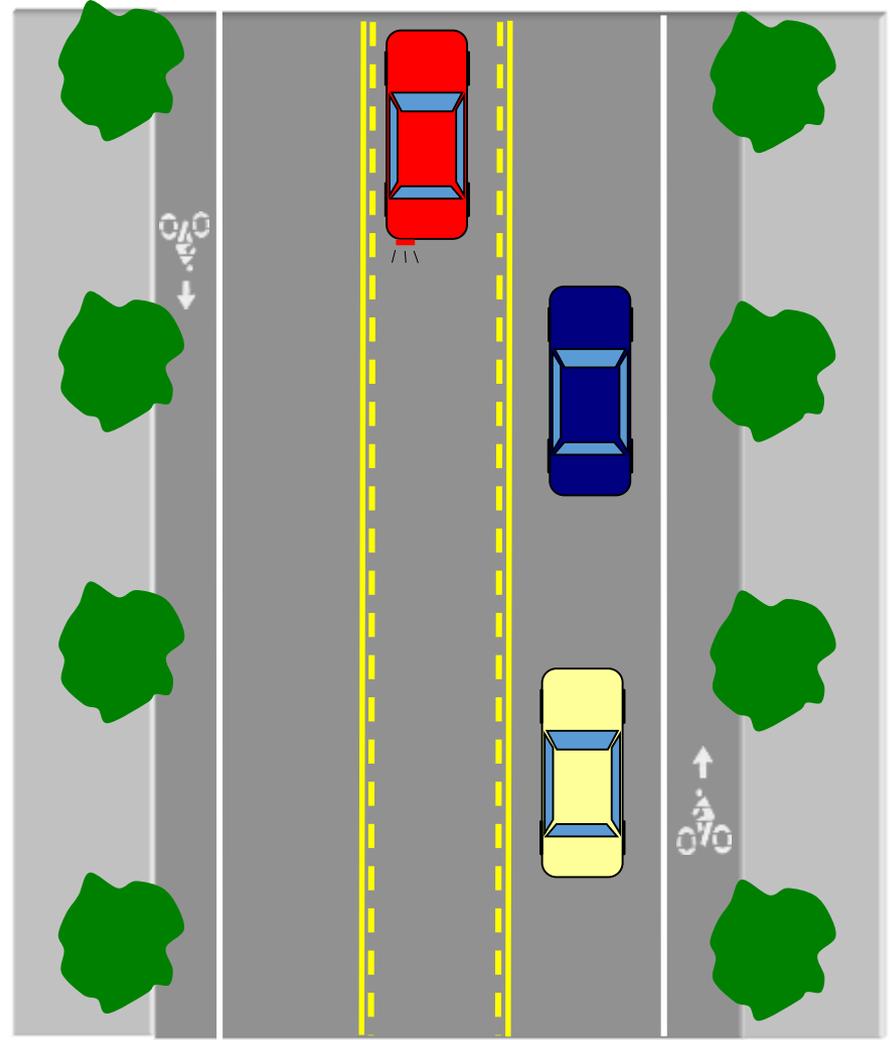
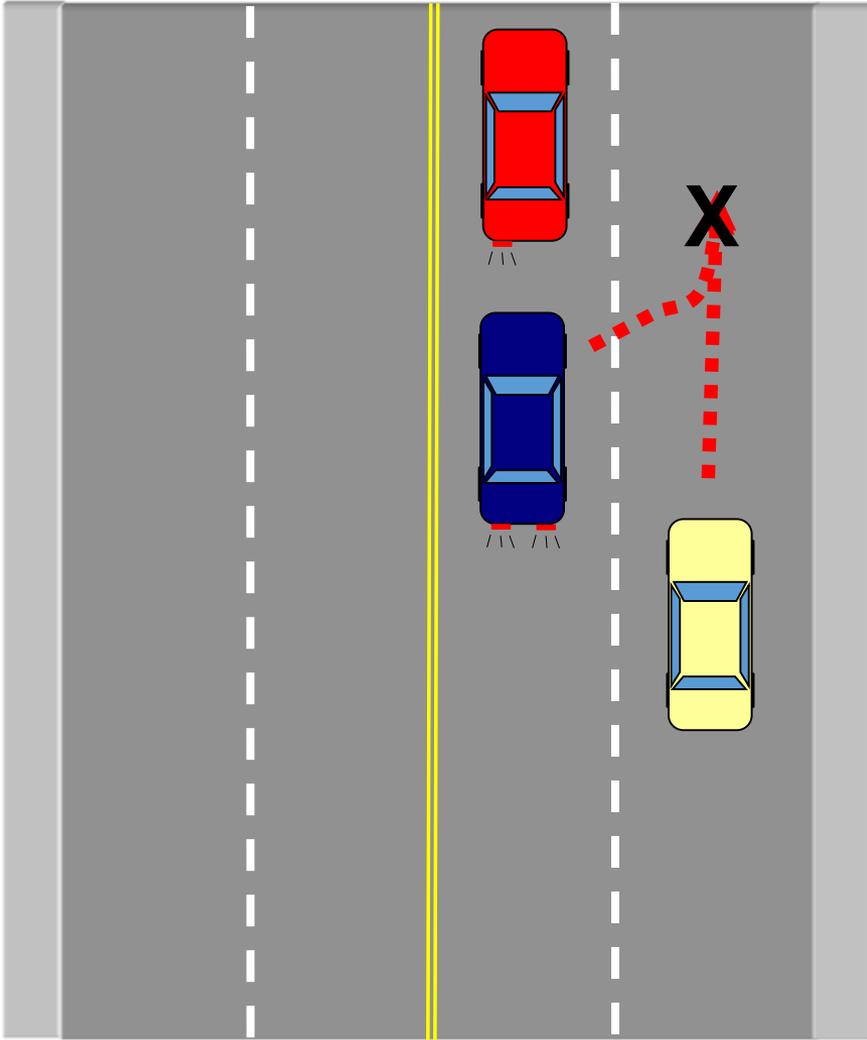
# Benefits of 4-lane to 3-lane conversions

- Reduced crashes (29% reduction)
- Reduced speeding
- Provides space for other features (e.g. turn lanes or raised medians, bike lanes or parking)
- Many benefits for pedestrians:
  - Reduce crossing distance
  - Eliminate or reduce “multiple threat” crash types
  - Install crossing island to cross in 2 simple steps
  - Buffer sidewalk from travel lanes (parking or bike lane)

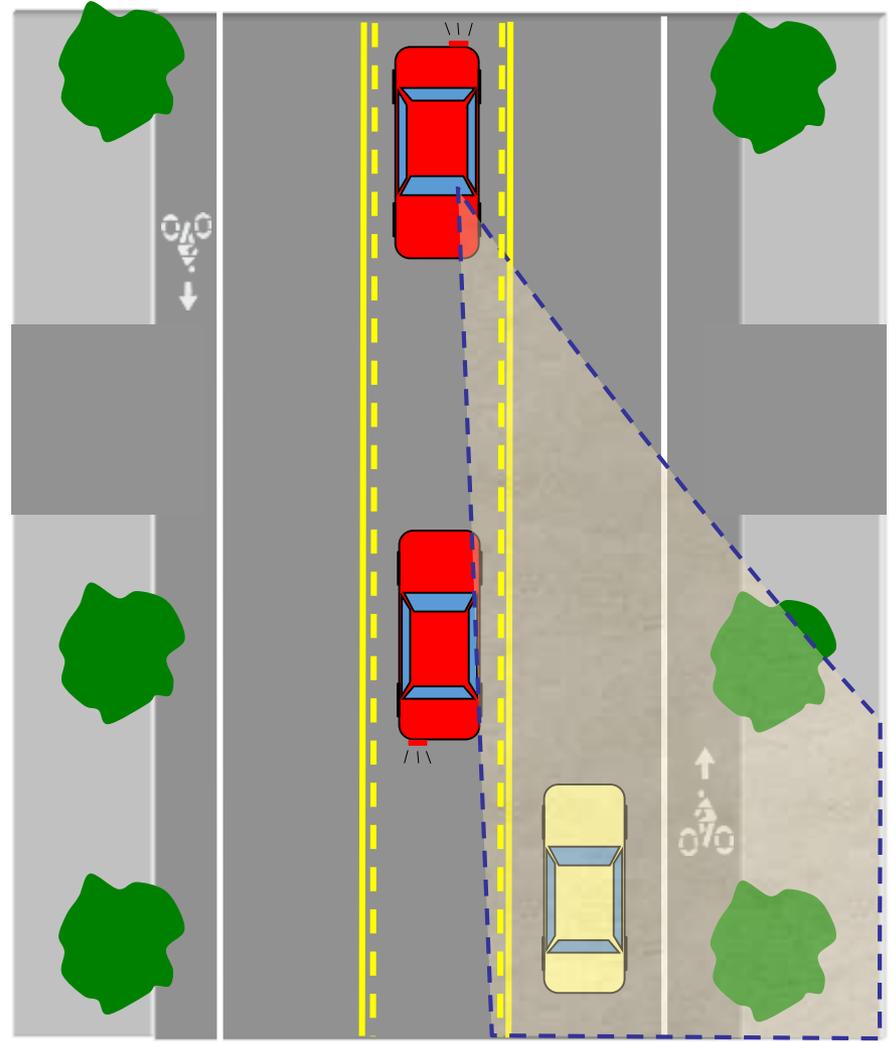
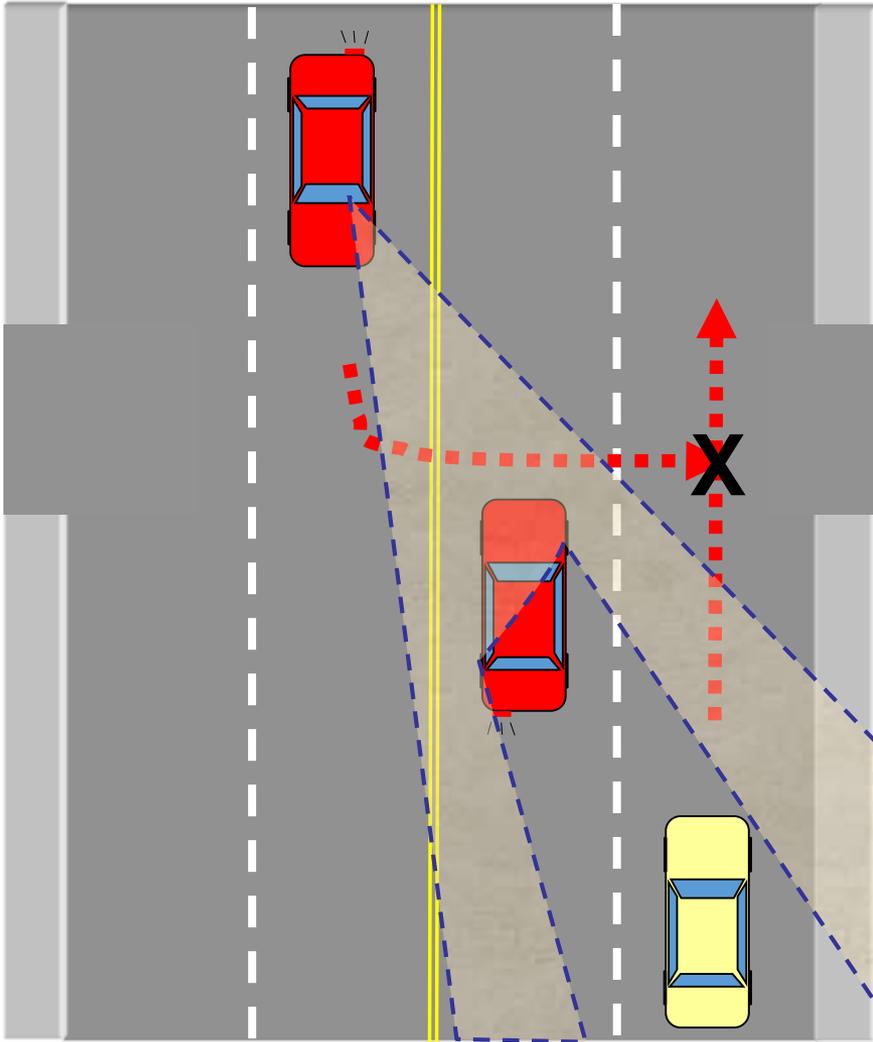
# 3 crash types (for vehicles) can be reduced by going from 4 to 3 lanes: 1 – rear enders



# 3 crash types (for vehicles) can be reduced by going from 4 to 3 lanes: 2 – side swipes



# 3 crash types (for vehicles) can be reduced by going from 4 to 3 lanes: 3 – left turn/broadside



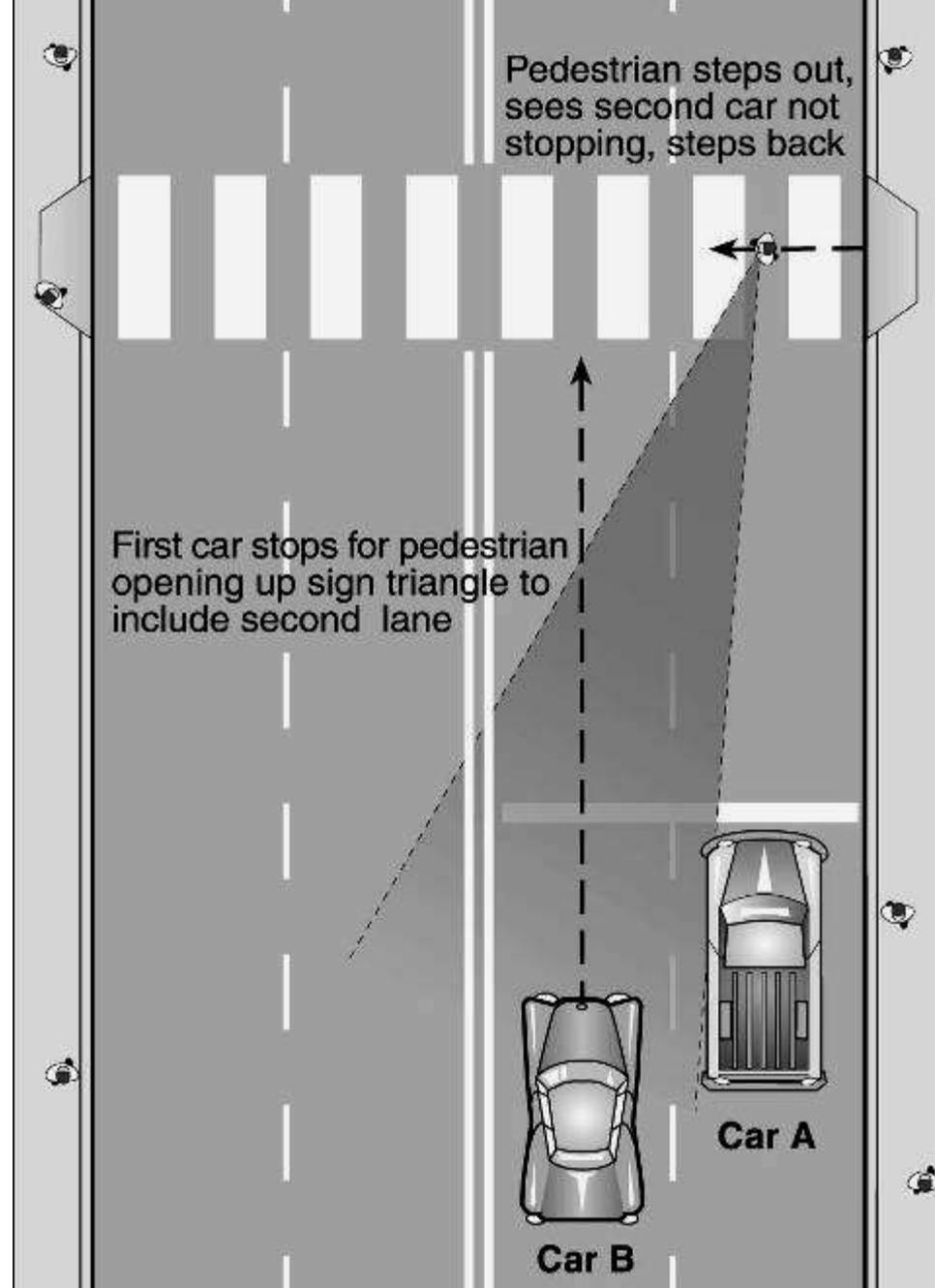


# Multiple Threat Crash Solution

Advance stop line:

1<sup>st</sup> car stops further back, opening up sight lines

2<sup>nd</sup> car can be seen by pedestrian





# Rice Street Concept

## 2. Eiwa to Umi Street



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# Rice Street Concept

Rice Street at Historic County Building



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# Rice Street Concept

## 3. Umi to Hardy Street



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# Rice Street Concept

## 3. Umi to Hardy Street (continued)



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# Rice Street Concept

Rice St. at Rice Shopping Center



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# Rice Street Concept

Rice St. between Kress and Hardy



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## Curb extensions

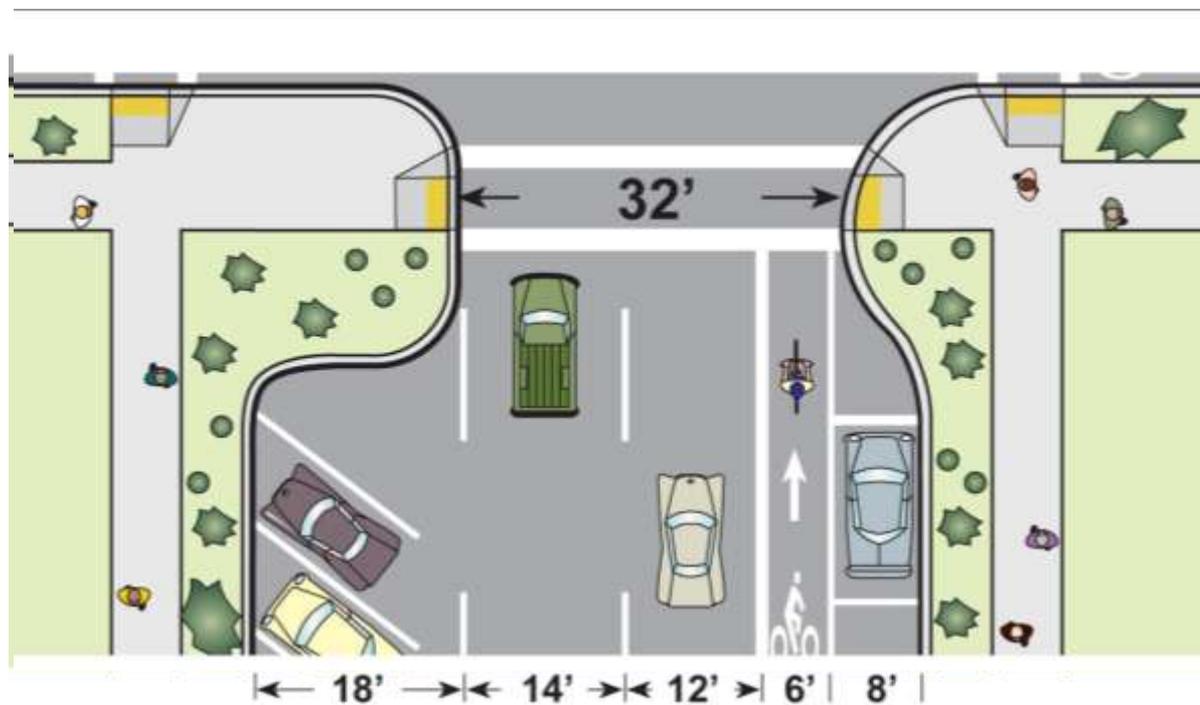
**Reduce Crossing Distance**

**Other advantages:**

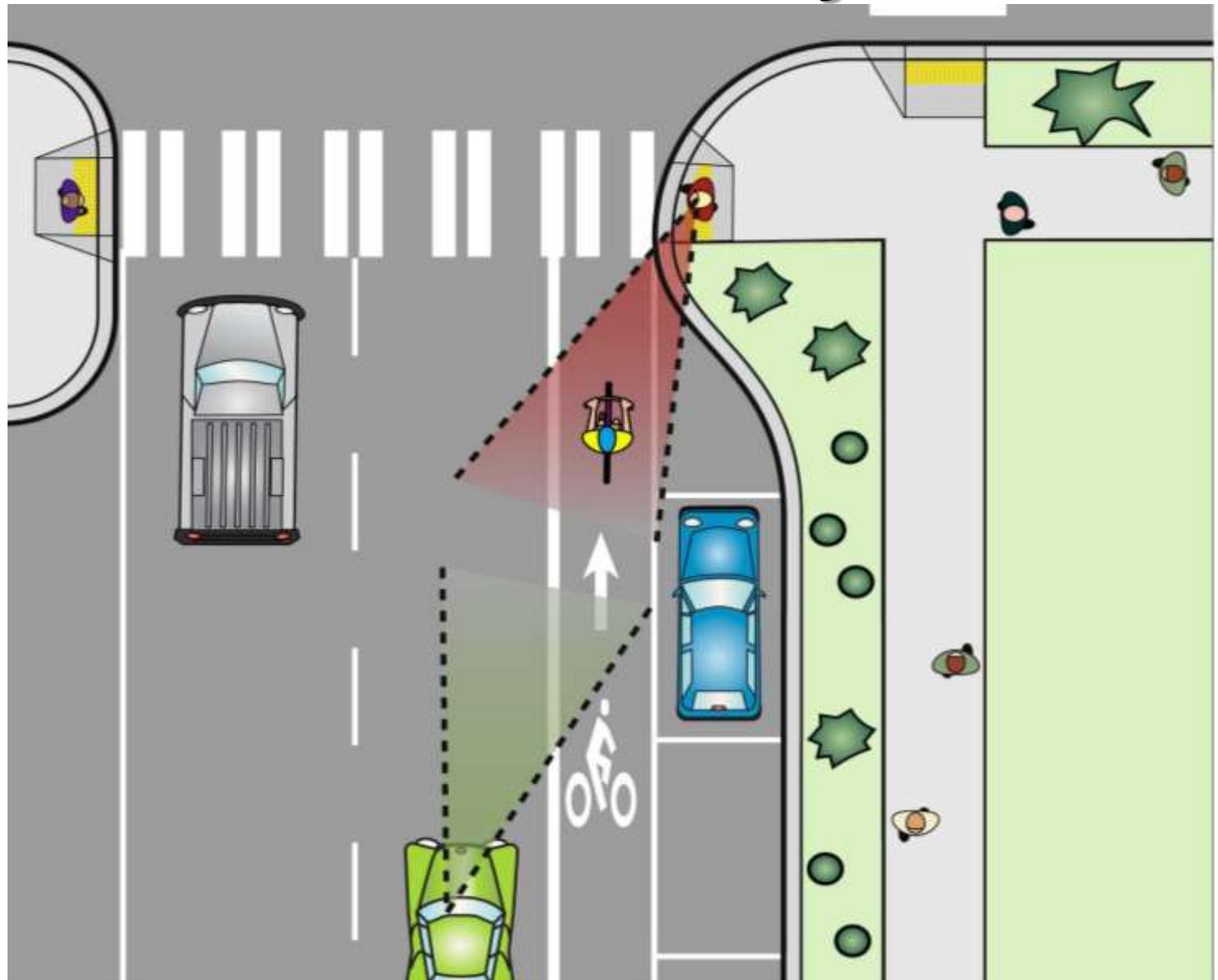
**Better visibility between peds and motorists**

**Traffic calming**

**Room for street furniture and wider sidewalks**



# Better Visibility



# Rice Street Concept

## 4. Hardy to Hoolako St.



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# Rice Street Concept

## 4. Hardy to Hoolako St. (continued)



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# Rice Street Concept

## 4. Hardy to Hoolako St. (continued)



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# Rice Street Concept

## 4. Hardy to Hoolako St. (continued)



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# Rice Street Concept

Rice St. at Ha Coffee



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# What's next?

- Develop short-term striping plan based on concept
- Secure Council approvals for short-term plan
- Construct short-term improvements (2015)
- Plan, design and construct long-term improvements through State Transportation Improvement Program (STIP) and/or other funding sources

# Questions? Comments?



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