

Residential Parking Toolbox

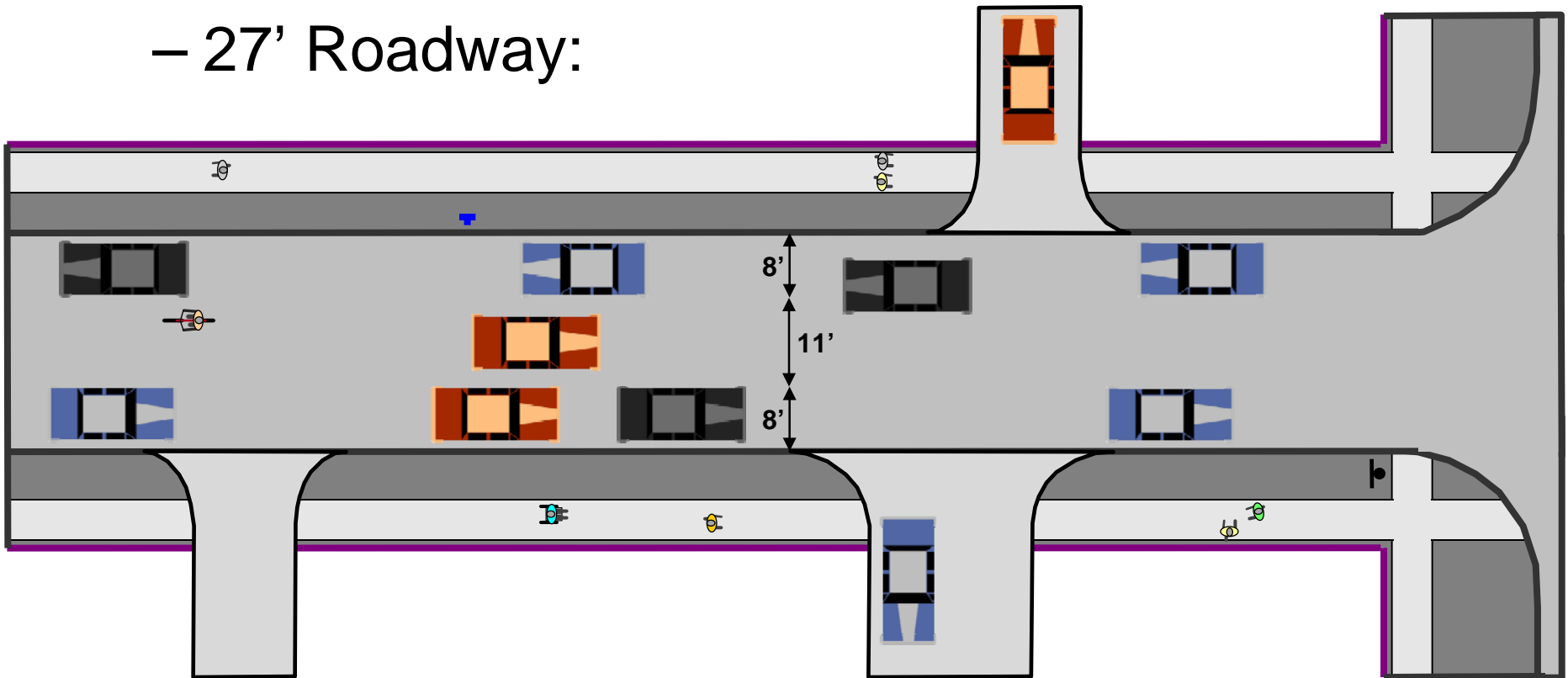
Planning Commission Neighborhood Plan Subcommittee



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Traffic Engineering Basics

- Roadways
 - Travel lanes – 10' to 15' wide
 - Parking space – 8' wide x 20' long
 - 27' Roadway:



Traffic Engineering Basics

- Vehicles
 - Passenger vehicle
 - AASHTO – 7' x 19'
 - PCC – 6.58' x 17.25'
 - School bus
 - AASHTO – 8' x 35.8'
 - Fire truck
 - Pumper – 8.5' x 30'
 - Ladder – 8.5' x 40'

AASHTO – American Association of State Highway and Transportation Officials

PCC – Parking Consultants Council

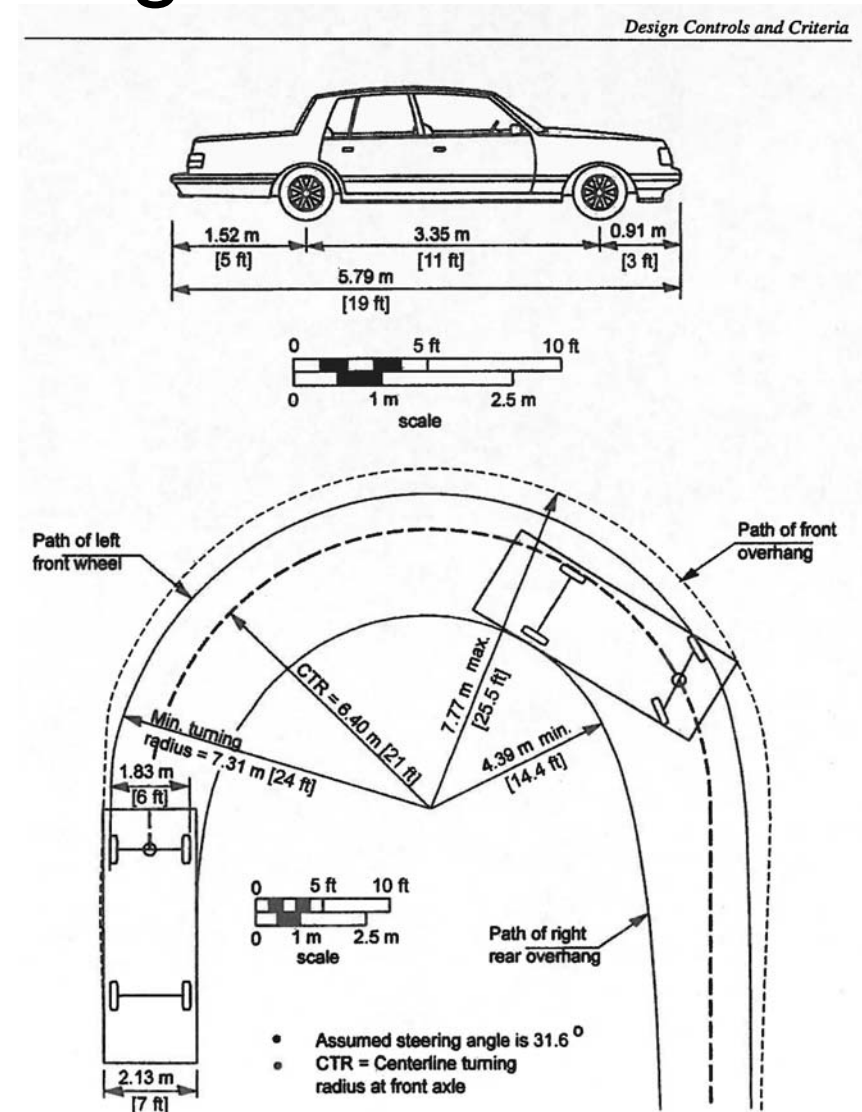


Exhibit 2-3. Minimum Turning Path for Passenger Car (P) Design Vehicle

Traffic Engineering Basics

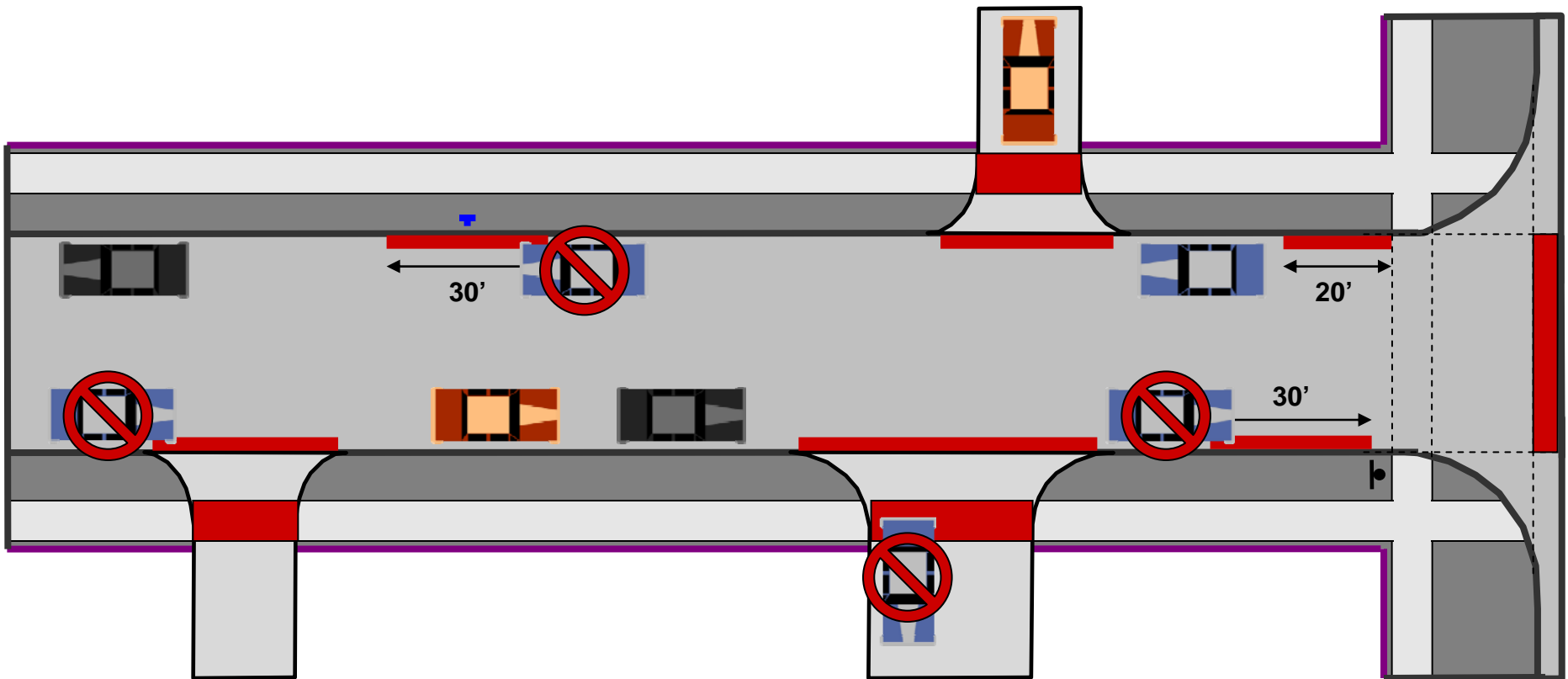
- Parking Prohibited
 - Within 15' of a fire hydrant
 - Within 30' of a Stop sign
 - Within 20' of a crosswalk or projected sidewalk if no marked crosswalk
 - Within an intersection
 - In front of a driveway
 - Across a sidewalk

Traffic Engineering Basics

- Parking Prohibited
 - Within 75' of a fire station driveway
 - On the opposite side of the street relative to direction of travel
 - With wheels greater than 18" from curb
 - Double parking
 - When through traffic is obstructed
 - Outside parking stall markings

Traffic Engineering Basics

- No Parking Areas



Tools in the Toolbox

- Enforcement
- Residential Permit Parking
- Residential Parking Deficiency Relief
- Neighborhood Street Parking Management
- Parking Awareness Campaign
- Parking Benefit District

Residential Permit Parking

- Requests must originate from a resident of the requested street segment
- Restrictions must be the least restrictive that best mitigate the documented problem
- Requests may be modified to reflect results of parking studies or known conditions

Residential Permit Parking

Non-VMU Areas

- 60% of legal parking spaces occupied, and
- 25% of parked vehicles must not be associated with adjacent properties
- Petitioning process includes collection of license plate data for vehicles “garaged” at properties along requested segment.

Residential Permit Parking

Non-VMU Areas

- 60% of adjacent properties must support RPP through petition
- “Yes”, “No”, or “Go With Majority” choice on petition
- All properties must be accounted for in the petitioning process by signature or statement of exception by requester

Residential Permit Parking

VMU Areas

- Traffic study requirements waived
- 2/3 of adjacent residential properties must support RPP through petition
- “Yes” or “No” choice on petition
- Endorsement by neighborhood organization required
- Expedited review required, but Traffic Engineer retains authority to approve, modify, or reject request

Residential Parking Deficiency Relief

- Allows the use of on-street parking to provide additional parking for residents
 - Residential property (single or multi-family) built or permitted before 1959 when adequate on-site parking was not required by code
 - Provides up to half of parking deficiency immediately adjacent to property but no less than two spaces
 - Residents purchase stickers; no visitor hang tags provided

Residential Parking Deficiency Relief

Examples:

Apartments built before 1959

Code - 45 parking spaces required

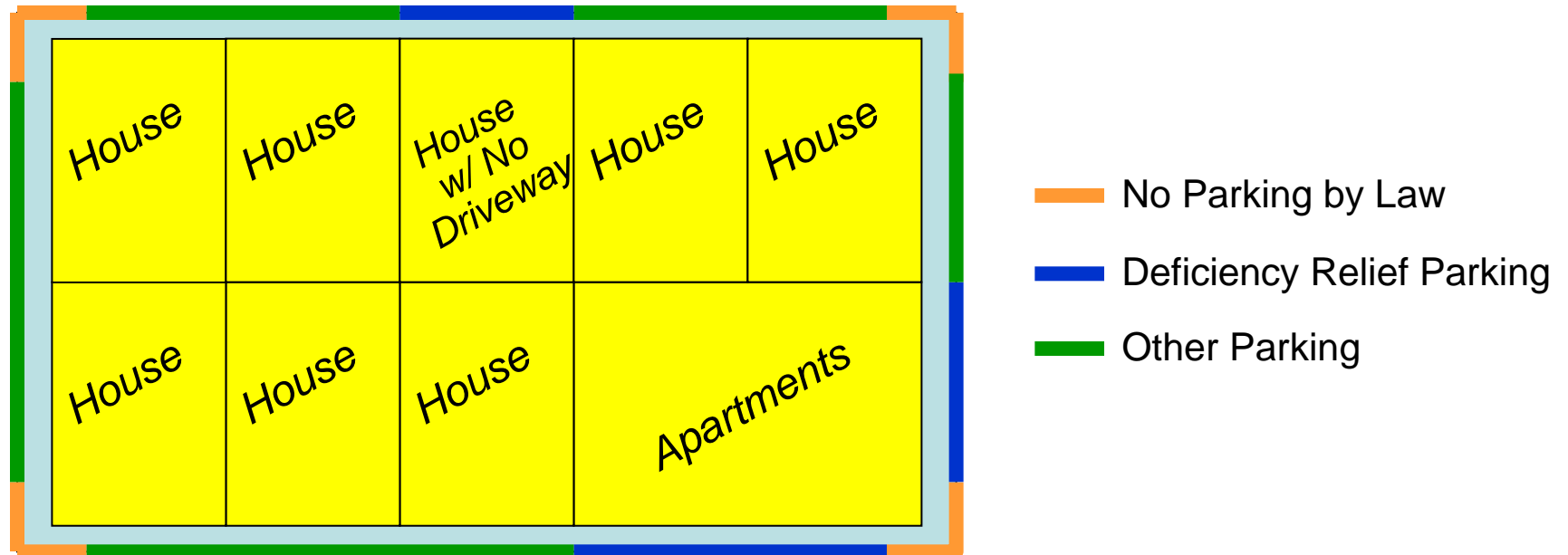
On-site - 25 parking spaces

Up to $(45 - 25) / 2 = 10$ on-street spaces

House built before 1959

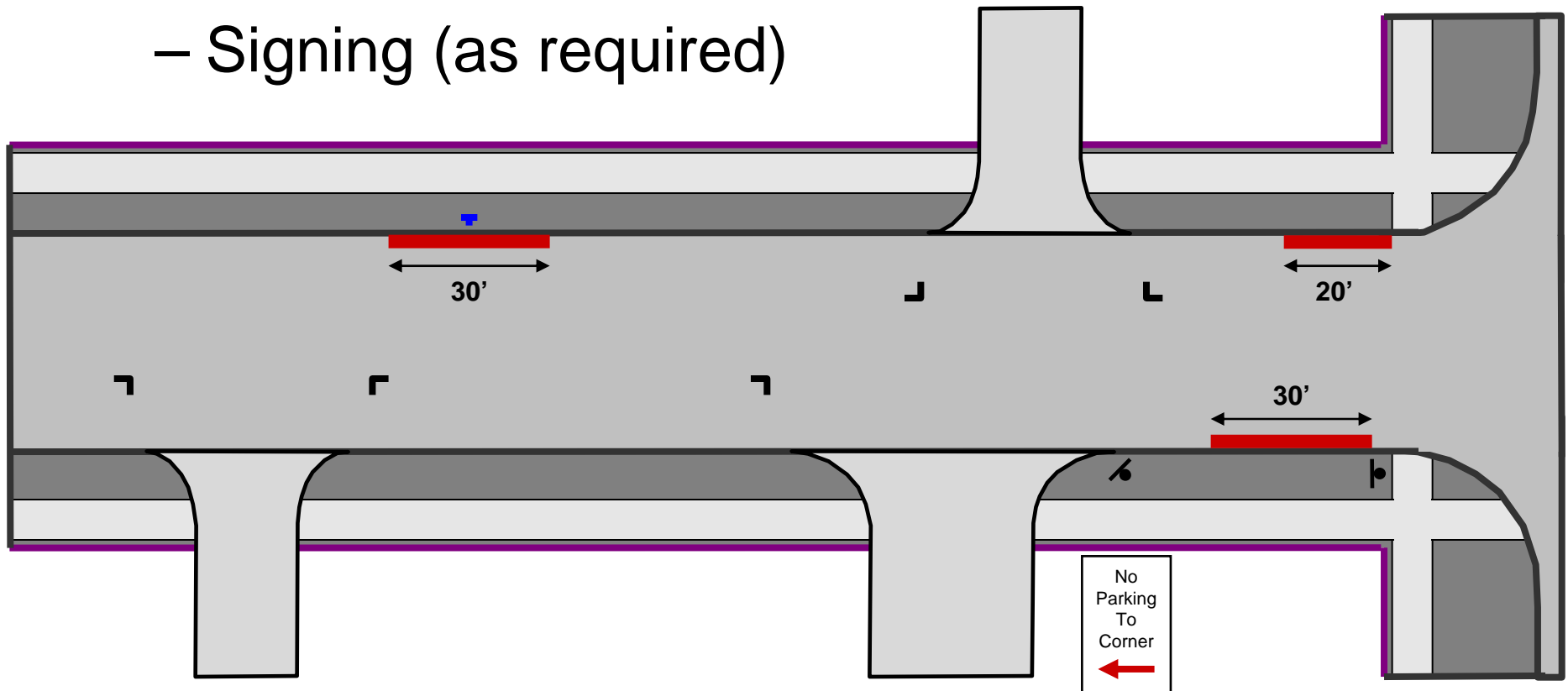
No garage or driveway

2 on-street spaces



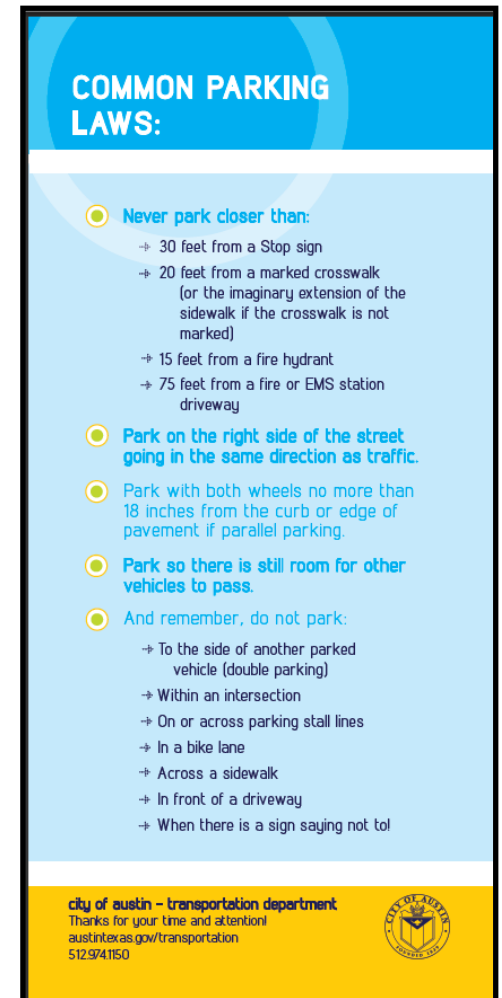
Neighborhood Street Parking Management

- Visually define No Parking areas
 - Curb painting
 - Parking space limits
 - Signing (as required)



Parking Awareness Campaign

- Printed and issued by COA
- Distributed by community members
- Draft still in development



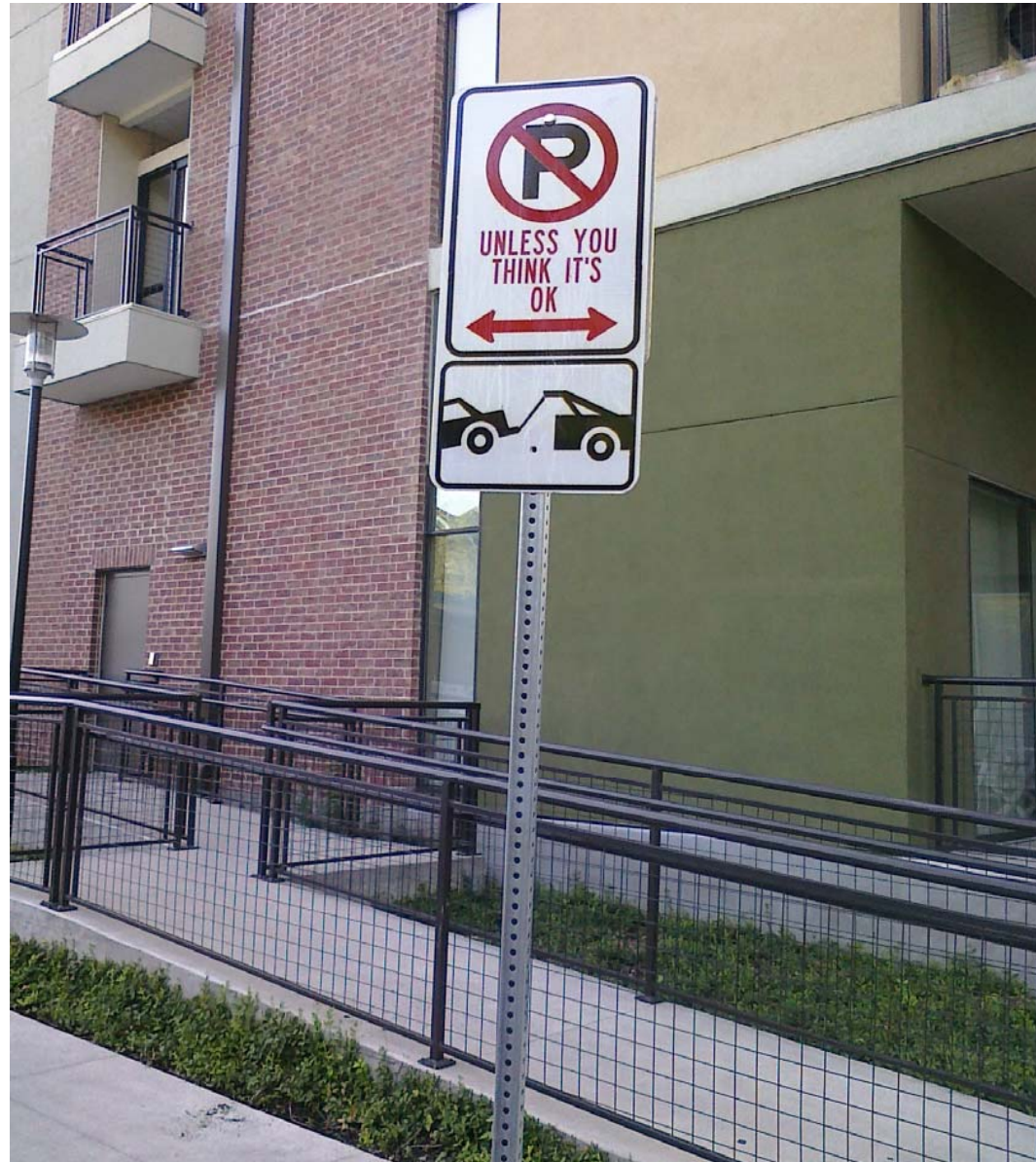
Parking Benefit District

- Parking revenue shared with community
51/49 split
- Funds used for:
 - Capital improvements (sidewalks, street lights)
 - Enhancements (street furniture, public art)
 - Enforcement
- PBD manages parking as a commodity
 - “Parking-Shed” (like “Watershed”)
 - RPP
 - Variances

Future Tools in the Toolbox

- Parking Management Districts
- Structured Parking Partnerships
- Shared Parking
- Parking Impact Analysis

Questions?



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