

Livable Community Workshop

Town of Foxborough
Commission on Disabilities
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Metropolitan Planning Organization



Six Livability Principles

1. Provide more transportation choices.
2. Promote equitable, affordable housing.
3. Enhance economic competitiveness.
4. Support existing communities.
5. Coordinate policies and leverage investment.
6. Value communities and neighborhoods.

Objectives for Foxborough

- Provide appropriately located and sized accessible parking
- Improve accessible routes between designated parking and building entrances

Workshop Overview

- Presentation and discussion
- Site visit (weather permitting)

Existing Downtown Parking

- 321 total spaces in downtown area
- 9 marked “handicap accessible”
 - 4 on-street and 5 off-street spaces
- Cumulatively meets the Americans with Disabilities Act (ADA) minimum, but consider redistribution of spaces

Minimum Number of Accessible Parking Spaces

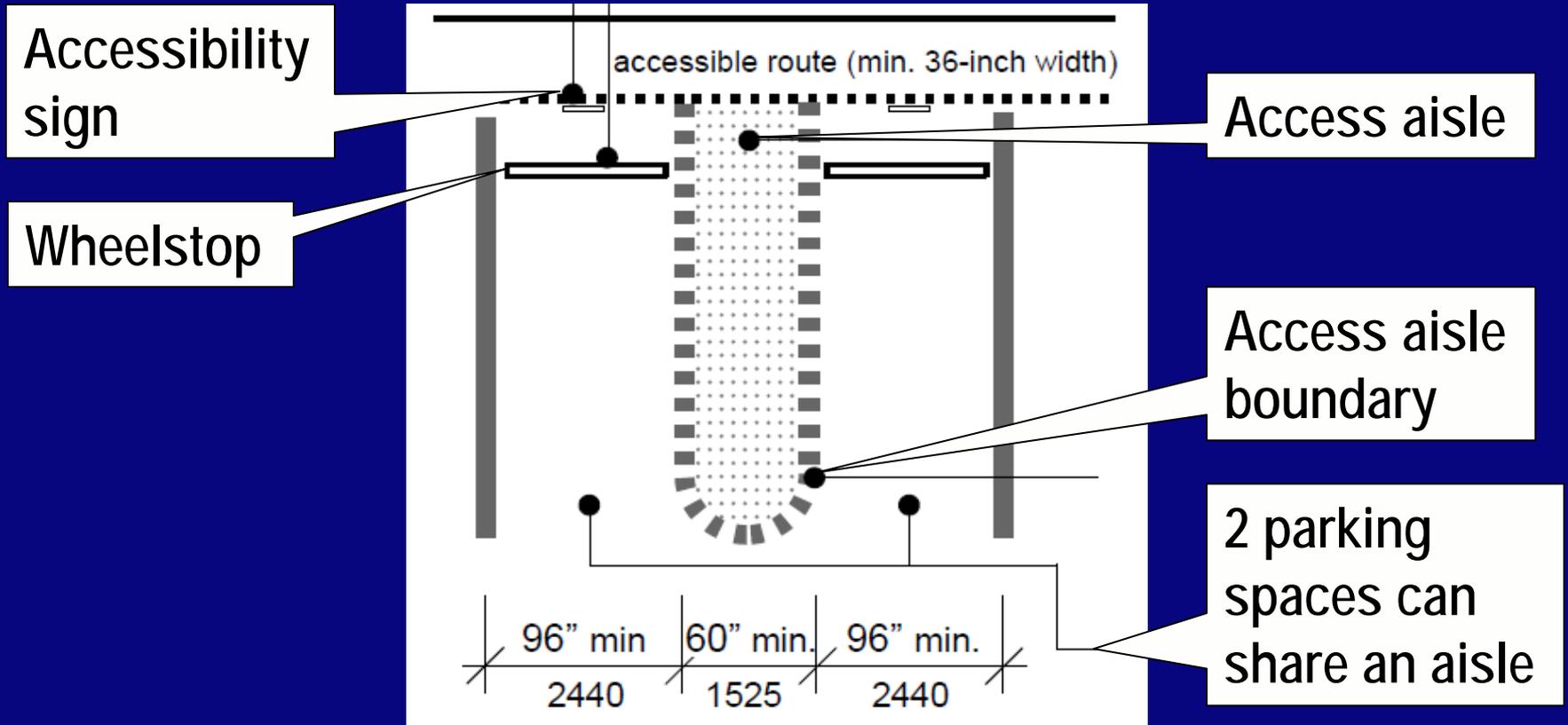
ADA Standards for Accessible Design 4.1.2 (5)

| Total Number of Parking spaces Provided (per lot) | Total Minimum Number of Accessible Parking Spaces (60" & 96" aisles) | Van Accessible Parking Spaces with min. 96" wide access aisle | Accessible Parking Spaces with min. 60" wide access aisle |
|---|--|---|---|
| | Column A | | |
| 1 to 25 | 1 | 1 | 0 |
| 26 to 50 | 2 | 1 | 1 |
| 51 to 75 | 3 | 1 | 2 |
| 76 to 100 | 4 | 1 | 3 |
| 101 to 150 | 5 | 1 | 4 |
| 151 to 200 | 6 | 1 | 5 |
| 201 to 300 | 7 | 1 | 6 |
| 301 to 400 | 8 | 1 | 7 |
| 401 to 500 | 9 | 2 | 7 |
| 501 to 1000 | 2% of total parking provided in each lot | 1/8 of Column A* | 7/8 of Column A** |
| 1001 and over | 20 plus 1 for each 100 over 1000 | 1/8 of Column A* | 7/8 of Column A** |

* one out of every 8 accessible spaces

** 7 out of every 8 accessible parking spaces

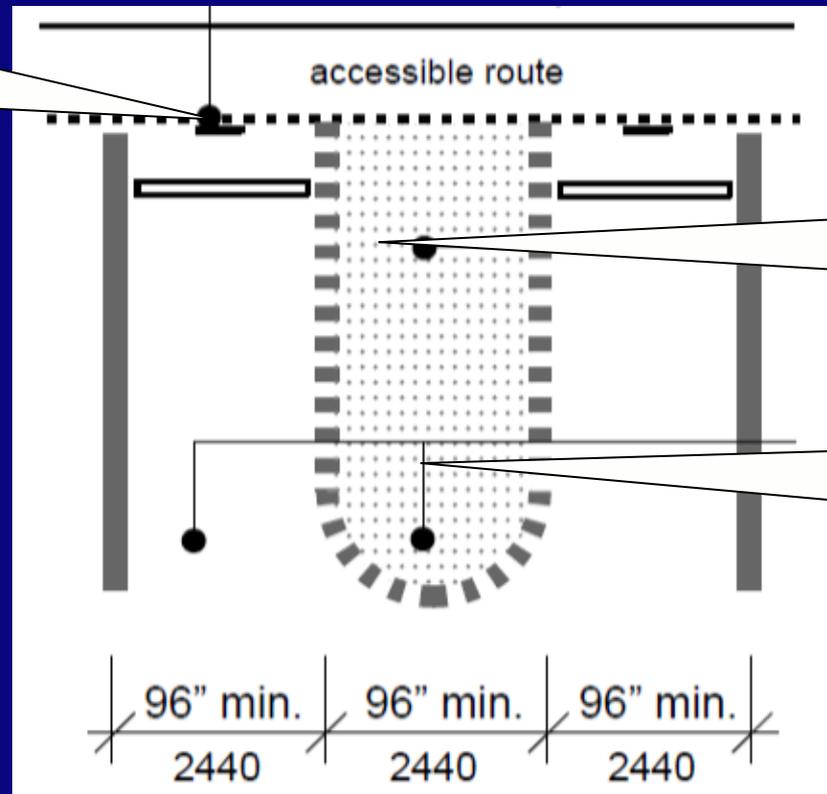
Parking Space Specifications



Source: ADA Standards for Accessible Design, "Restriping Parking Lots."

Van-Accessible Specifications

"Van-accessible"
sign



96" minimum
wide access
aisle

98" minimum
vertical
clearance

Source: ADA Standards for Accessible Design, "Restriping Parking Lots."

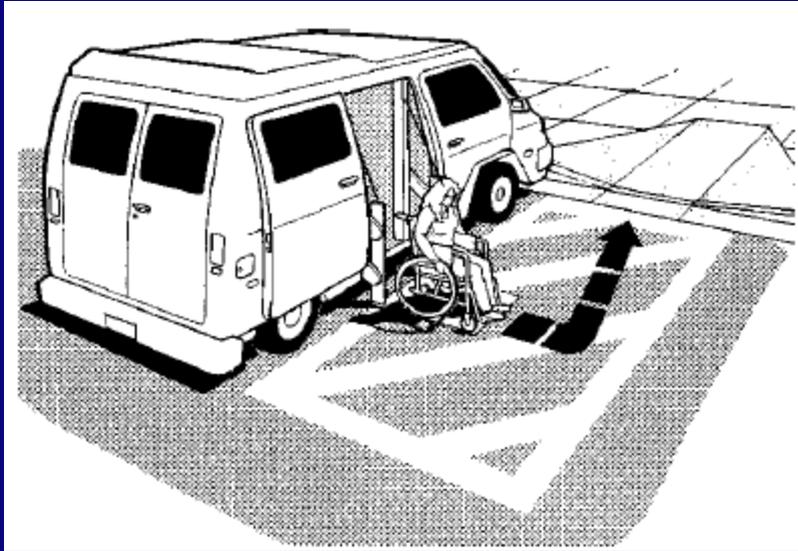
On-Street Spaces

- As close as possible to curb ramp, crosswalk



Off-Street Spaces

- As close as possible to accessible building entrances



Existing Off-Street Spaces



Routes Are Not Accessible



Elements of an Accessible Route

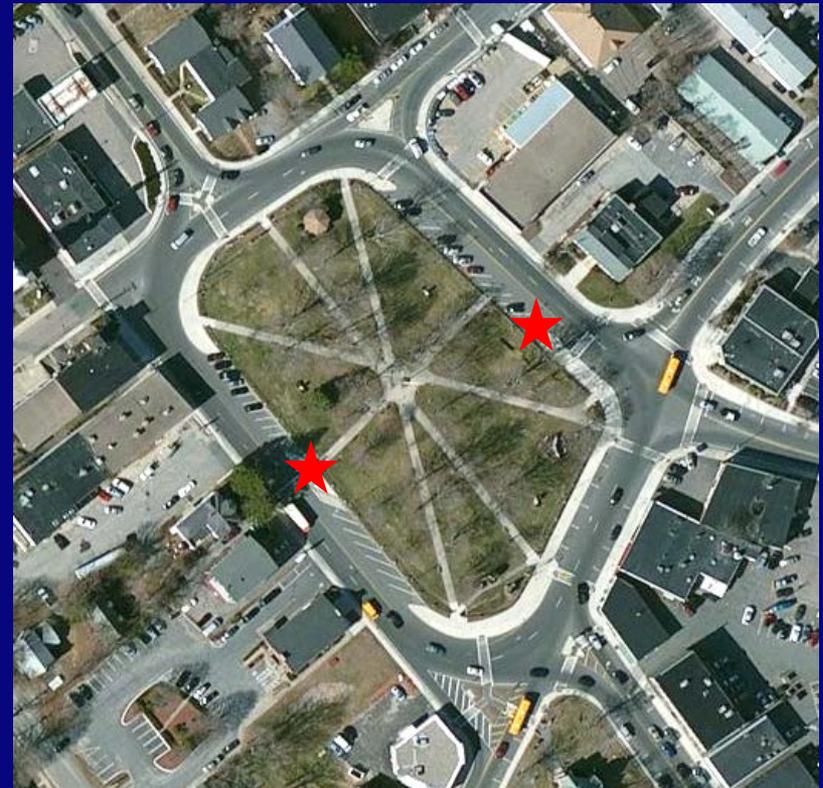
- Shortest distance possible
- On level ground
 - Slope no greater than 1:12 in direction of travel
- No curbs
- No stairs/steps
- At least 3 feet wide
- Firm, stable, slip-resistant surface

Sources: US Department of Justice ADA Design Guide; Universal Design New York; US Architectural and Transportation Barriers Compliance Board ADA Accessibility Guidelines



Town Common Parking

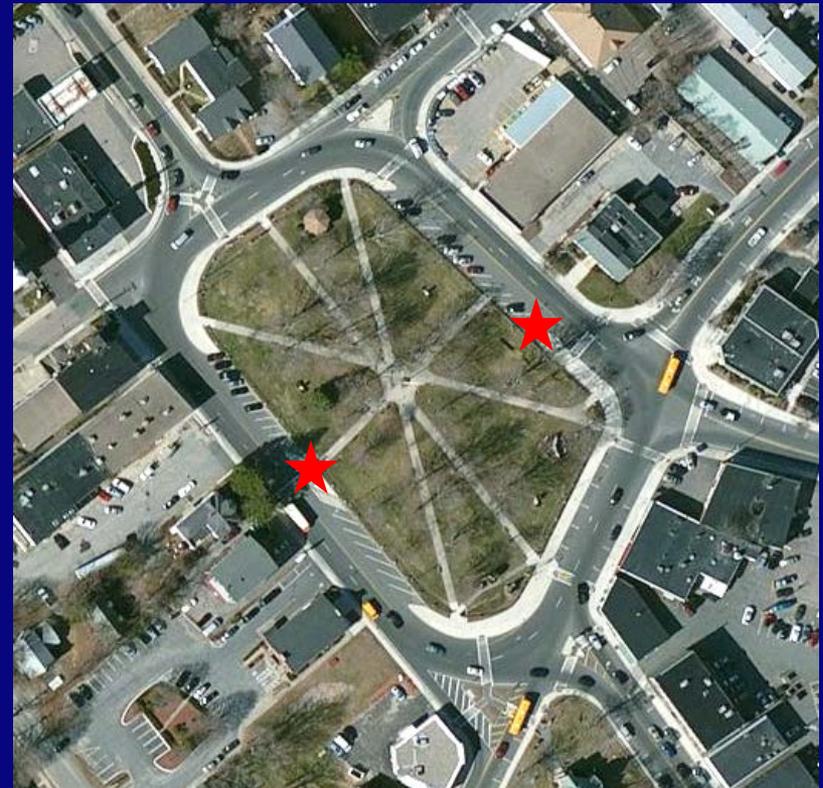
- Requires pedestrians to cross School Street, Route 140, or Cocasset Street
- Head in, diagonal parking necessitates backing out of space



★ Accessible parking space

Town Common Parking Possible Solutions

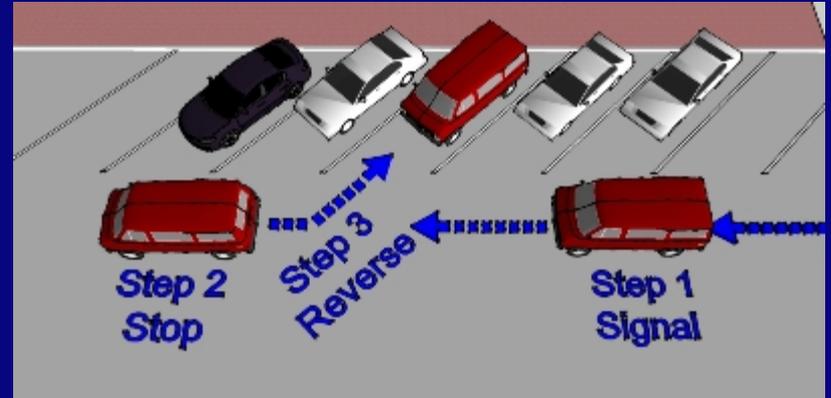
- Move parking to other side of road?
- Add parallel parking?
- Add reverse-angle parking?



★ Accessible parking space

Reverse-Angle Parking

- Simpler than a parallel-parking maneuver
- Better visibility
- No reversing into an active traffic lane
- Calms traffic



Source: T. Boulanger, Transportation Services, City of Vancouver, WA.

Reverse-Angle Parking (continued)

- Pedestrians are guided to sidewalk
- Loading from curb, rather than in street
- Better than parallel parking for accessible spaces: no loading/unloading in travel lane



Source: T. Boulanger, Transportation Services, City of Vancouver, WA.

Next Steps

- Evaluate whether there are better locations for accessible parking
- Stripe existing spaces/access aisles to meet ADA dimensions
- Identify building entrances that could be retrofitted with ramps

Next Steps (continued)

- Identify accessible route improvements (resurfacing, widening, etc.)
- Evaluate whether reverse-angle parking would be appropriate
- Coordinate with GATRA on dial-a-ride services for Foxborough

Resources

- Information and Technical Assistance about the Americans with Disabilities Act: <http://www.ada.gov/>
- United State Access Board: <http://www.access-board.gov/>
- 2010 ADA Standards for Accessible Design: http://www.ada.gov/2010ADAstandards_index.htm
- ADA Checklist for Readily Achievable Barrier Removal: <http://www.adachecklist.org/checklist.html>

More Information

Website: www.bostonmpo.org/livability

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Thank you!

Questions?