

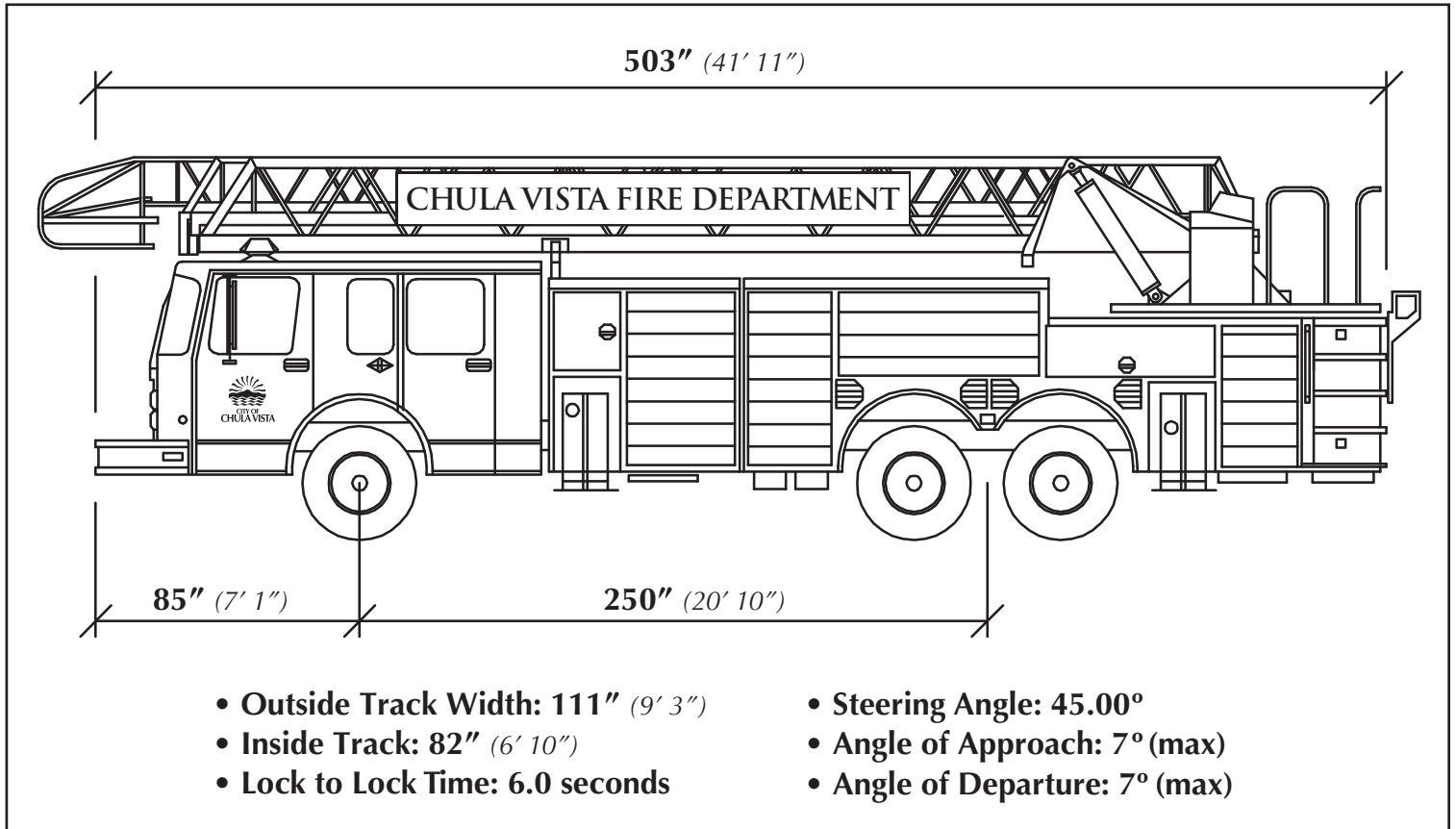


CHULA VISTA FIRE DEPARTMENT

FIRE PREVENTION DIVISION

AUTO TURN DATA: Ladder Truck

This design apparatus, along with data points, shall be used as the basis for roadway and parking lot geometrics.



Notes:

1. A Chula Vista Fire Department Maneuverability Analysis shall be performed by a licensed professional engineer to verify the turning capabilities of this design apparatus. Travel paths should begin outside the site illustrating the turn onto all entry roads/drives, maneuvering around the site, and completed with an illustration demonstrating exiting from the site.
2. Paths must illustrate the full vehicle swept path (including wheel tracks and wall-to-wall vehicle overhang sweep) and must indicate a clear, unobstructed travel around the site without impact/collisions to buildings, curbs, landscaping, parking spaces, vehicles, etc. Wheel tracks shall not come within 1 foot of curbs. Apparatus bumper overhang shall not extend over curbs and the like.
3. Design speed (no less than 5mph); if speed varies indicate points of change by notes/labels.
4. The Chula Vista Fire Department Maneuverability Analysis shall be used to create an exhibit, which shall be submitted for review and approval.
5. Maneuverability Analysis shall also be designed to and confirm that any angle of approach/departure does not exceed 7°.
6. This detail shall be reproduced on the submitted exhibit.