



Testing Plan for Automated Driving Systems on Public Ways in Massachusetts

Road owners within the Commonwealth must agree to permit testing of ADS-equipped vehicles. The Testing Locations Menu below provides a listing of road owners which have agreed to permit testing, and the roadways where testing may and may not be conducted.

The Testing Plan must be completed by the Applicant to define the locations for testing, and any pilot service tests which are anticipated to occur within the approval period (up to two years).

Testing Plan

- 1) Testing Locations: Where testing is anticipated to occur, including the specific bounded areas and/or unbounded jurisdictions.
 - a. Bounded: Participants have defined specific public ways and areas (“bounded” or “geofenced”) where testing may occur in the Testing Locations Menu. The Applicant should note which Bounded areas from the Testing Locations Menu will be used for testing within the approval period. The Testing Locations Menu will be updated periodically as Participants are added, and as roadways and areas are modified. Testing on certain roads within a Bounded area may be restricted by the Participant as indicated within the Testing Locations Menu. An Applicant may propose a new Bounded area which is not already included within the Testing Locations Menu, for consideration and addition to the Testing Locations Menu by the relevant Participant(s).
 - b. Unbounded: An Applicant may request “Unbounded” approval to test on any road of a Participant to the MOA which fits within the limitations of the approved Operational Design Domain (including but not limited to road typologies, speeds, and situational constraints). Testing on certain roads within an Unbounded area may be restricted or excluded by the Participant as indicated within the Testing Locations Menu.

- 2) Pilot Service Tests: If the Applicant anticipates conducting any pilot tests, a description of the type(s) of pilot tests and the Testing Location(s) for such tests.

Testing Locations Menu

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
Arlington	TBD	TBD	
Boston	<p><u>Ray Flynn Marine Industrial Park</u> Drydock Ave Black Falcon Ave Harbor Street Channel Street Design Center Place 6th Street Tide Street Fid Kennedy Ave Northern Ave (from Massport Haul Road to Tide Street) Ballard Way Seafood Way (from Northern Ave to Fid Kennedy Ave)</p> <p><u>South Boston Seaport</u> <i>Includes above Ray Flynn Marine Park in addition to the following roads:</i> Dorchester Ave. (from Summer Street to Congress Street) Congress St. (Dorchester Ave. to Boston Wharf Rd./West Service Rd.) Summer Street (from Dorchester Ave to Pappas Way) West First Street E Street (North from West First Street)</p>	<p><u>Unbounded</u> (No exclusions)</p>	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
	D Street (North from West First Street) Fargo Street Cypher Street B Street (from West First St. to West Second St.) A Street (from West 2nd Street to Congress Street) Melcher Street Boston Wharf Road West Service Road Extension (Congress Street to South Boston Bypass) South Boston Bypass (West Service Rd Ext. to Richards St/Cypher St.) Richards St (A Street to South Boston Bypass)		

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
Braintree	<u>Granite Park Neighborhood</u> Addison Street Burton Road Blossom Road Brierwood Road Calvin Street Davis Road Eleanor Drive Fallon Circle Partridge Hill Road <u>Wood Road</u> (Commercial/Freight) <u>Commerce Drive</u> (Commercial/Freight)	None	Granite Park Neighborhood – all 25 mph, mostly uncontrolled T intersections with one 2-way stop intersection and one yield-controlled intersection. Suitable for low-speed testing, no signalized intersections, low traffic volumes and bike/ped activities, no bike lanes or separated bike facilities. Wood Road – 25 mph limit, 2-lane road with painted centerline, multiple industrial and commercial driveways. Commerce Drive – 25 mph limit, 2-lane road separated by median strip, with roundabout and some freight/commercial driveways
Brookline	TBD	TBD	
Cambridge	None	<u>Excluded Roadways</u> Alewife Brook Parkway Amesbury Street Audrey Street Broadway Brookline Street (south from Waverly Ave) BU Bridge	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
		Buckingham Street Cambridge Parkway Cambridge Street Charlestown Ave Concord Avenue Concord Turnpike Coolidge Hill Edwin H. Land Boulevard Eliot Bridge First Street Fresh Pond Parkway Gerry's Landing Road Gilmore Bridge Granite Street Greenough Boulevard Hampshire Street Harvard Bridge John F. Kennedy Street Longfellow Bridge Massachusetts Avenue Matignon Road Memorial Drive Monsignor O'Brien Highway Mount Auburn Street Peabody Street Prospect Street River Street Sargent Street Smith Place Somerville Ave	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
		<p>Spinelli Place</p> <p>Bent Street (from 6th St to 5th St)</p> <p>Coolidge Avenue (from Coolidge Hill to Shady Hill Rd)</p> <p>Cushing Street (from Vineyard St to Saint Sauveur Ct)</p> <p>Elm Street (from Hampshire St to Broadway)</p> <p>Garden Street (south from Concord Ave, and between Ivy St and Stearns St)</p> <p>Harvard Street (from Moore St to Boardman St)</p> <p>Hawthorn Street (from Memorial Dr to Mt Auburn St)</p> <p>Huron Ave (from Fresh Pond Parkway to Concord Ave)</p> <p>Kinnaird Street (from Putnam Ave to Bay St)</p> <p>Linnaean Street (from Raymond St to Gray St)</p> <p>Main Street (east from Galilei Way)</p> <p>Mt. Auburn Street (east from Eliot St)</p> <p>Oxford Street (from Crescent St to Wendell St)</p> <p>Putnam Avenue (from Kinnaird St to Callender St)</p> <p>Rindge Ave (from Fairfield St to</p>	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
		Cedar St) Sherman Street (from Bolton St to Cadbury Rd) Spring Street (from Fulkerson St to 6 th St) Vassal Lane (from Lakeview Ave to Alpine St) Vassar Street (from Mass Ave to Memorial Dr) Walden Street (from Field St to Sherman St) Windsor Street (from Market St to Washington St)	
Chelsea	<u>Chelsea Bounded Area (Daytime Hours Only)</u> Willoughby St Eastern (from Willoughby to Central); Marginal St (from Central to Charles); Charles St; Suffolk St (Charles to Willow); and Willow (Suffolk to Marginal)	None	This bounded zone intersects with the Silver Line 3 service and runs parallel to the Silver Line’s Eastern Ave. station, as well as the MassPort employee parking garage, which is served with bus shuttle service. It also intersects with the Chelsea St. Bridge to E. Boston, providing a connection to the haul road.
Medford	TBD	TBD	
Melrose	TBD	TBD	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
Newton		<u>Unbounded</u> (Newton will review each proposal and reserves the right to add restrictions, or reject any proposal)	
Revere	<u>Revere Bounded Area (Daytime Hours Only)</u> Malden Street (from Brenton Street to Gore Road) Gore Road Rumney Street (from Gore Road to Malden Street) Orvis Road Derby Road Sigourney Street (from Squire Road to Malden Street) Augustus Street Keayne Street Pemberton Street Stevens Street Marshall Street Lamson Street Grover Street (from Gore Road to end)		Revere participates in LimeBike's dockless bike share and Malden Street is a primary artery to the west side of Revere and further points west. There is an MBTA bus route that runs along Malden Street for the entire length that is included in the test area. There are no construction zones or school zones in the designated area, and no signalized intersections.
Somerville	TBD	TBD	
Winthrop		<u>Unbounded</u> (pending approval)	<i>Pending approval of Town Council</i>
Weymouth	TBD	TBD	
Worcester	TBD	TBD	

ROAD OWNER	BOUNDED TEST AREA(S)	UNBOUNDED (EXCLUDED/RESTRICTED)	NOTES
Limited Access Highways (MassDOT)	<u>Limited Access Bounded Routes</u> I-95: Exit 47 to Exit 57 I-495: Exit 47 to Exit 55 Route 3: Exit 26 to Exit 35 Route 2: Exit 33 to Exit 42 I-190: Exit 1 to Exit 8 I-90: Exit 6 to Exit 11A I-395: Exit 1 to Exit 6 I-495: Exit 8 to Exit 12 Route 24: Exit 13 to Exit 8 Route 3: Exit 7 to Exit 12	<u>Unbounded</u>	Where bounded routes intersect, testing may continue from one highway segment to the next via the interchange ramp
Department of Conservation & Recreation	TBD	TBD	