

1.1 moves to amend H.F. No. 4216 as follows:

1.2 Page 1, after line 10, insert:

1.3 "(b) "Automated driving system" means the hardware and software that are collectively
1.4 capable of performing the entire dynamic driving task on a sustained basis, regardless of
1.5 whether the dynamic driving task is limited to a specific operational design domain."

1.6 Page 1, after line 18, insert:

1.7 "(f) "Dynamic driving task" means the real-time operational and tactical functions
1.8 required to operate a vehicle in on-road traffic, including but not limited to:

1.9 (1) lateral vehicle motion control via steering;

1.10 (2) longitudinal motion control via acceleration and deceleration;

1.11 (3) monitoring the driving environment via object and event detection, recognition,
1.12 classification, and response preparation;

1.13 (4) object and event response execution;

1.14 (5) maneuver planning; and

1.15 (6) enhancing conspicuity via lighting, signaling, and gesturing."

1.16 Page 1, after line 20, insert:

1.17 "(h) "Operational design domain" means operating conditions under which an automated
1.18 driving system is specifically designed to function, including but not limited to environmental,
1.19 geographical, and time-of-day restrictions and the requisite presence or absence of certain
1.20 traffic or roadway characteristics."

1.21 Reletter the paragraphs in sequence

1.22 Page 2, delete line 26 and insert:

2.1 "(11) one representative from a city of the first class located in the seven-county
2.2 metropolitan area, as defined in section 473.121, subdivision 2, appointed by the League
2.3 of Minnesota Cities;"

2.4 Page 2, line 28, delete "and"

2.5 Page 2, line 29, delete the period and insert a semicolon

2.6 Page 2, after line 29, insert:

2.7 "(14) one representative from the small business community appointed by the governor;
2.8 and

2.9 (15) one representative appointed by the Motorcycle Industry Council."

2.10 Page 3, line 26, after "of" insert "vehicle miles traveled and"

2.11 Page 4, line 24, after "(11)" insert "vehicle miles traveled and"

2.12 Page 4, line 28, delete "Human safety operator" and insert "Permit requirements"

2.13 Page 5, line 2, delete "and"

2.14 Page 5, line 4, delete the period and insert a semicolon

2.15 Page 5, after line 4, insert:

2.16 "(3) the applicant has met the requirements under subdivision 8; and

2.17 (4) a permit holder who transports passengers and cannot provide an autonomous vehicle
2.18 that is wheelchair accessible must direct the request to a provider of wheelchair accessible
2.19 vehicles."

2.20 Page 5, before line 5, insert:

2.21 "Subd. 8. **Independent safety verification.** (a) An applicant seeking a commercial
2.22 autonomous vehicle operations permit must provide the commissioner of public safety with
2.23 evidence that the automated driving system is able to perform the entire dynamic driving
2.24 task in the proposed operational design domain in conditions similar to those found in both
2.25 urban and nonurban settings in this state, including but not limited to snowpack, ice, low
2.26 visibility, black ice, and road salt.

2.27 (b) The evidence required under paragraph (a) must include demonstrated on-street
2.28 operation in similar conditions and must be verified by an independent third party at the
2.29 applicant's expense. Verification under this paragraph may be used for multiple autonomous
2.30 vehicles that use identical automated driving systems.

3.1 (c) If the automated driving system does not have sufficient on-street experience as
3.2 required under paragraph (b), the commissioner of public safety may require that the applicant
3.3 meet specified conditions."

3.4 Renumber the subdivisions in sequence