

1.1 moves to amend H.F. No. 1547, the delete everything amendment
1.2 (H1547DE1), as follows:

1.3 Page 2, after line 36, insert:

1.4 "Sec. 2. **[2.93] MINNESOTA LEGISLATIVE GIS OFFICE POSTING PLANS**
1.5 **ON THE WEB.**

1.6 **Subdivision 1. Export file provided to director of GIS. (a) Members Only.**

1.7 A member of the senate or house of representatives may request that a redistricting
1.8 plan for seats in the legislature, Congress, or the Metropolitan Council be posted on the
1.9 redistricting Web site of the Geographic Information Systems Office.

1.10 (b) **Block Equivalency File.** For a plan to be posted, the member must provide to
1.11 the Director of Geographic Information Systems (GIS) an electronic block equivalency
1.12 file showing the district to which each census block has been assigned. The file must be
1.13 either in dBASE format, such as an export file produced by Maptitude for Redistricting
1.14 or Autobound, or in ASCII text format.

1.15 (c) **Whole State.** The block equivalency file must include a district assignment for
1.16 every census block in the state.

1.17 (d) **Legislative Plan.** A block equivalency file for a legislative plan must assign
1.18 district numbers using the convention "01A, 01B, 02A, 02B" etc., so that it provides a
1.19 house district number for every census block in the state. The house district numbers will
1.20 be used to create senate district numbers by deleting the As and Bs.

1.21 (e) **House Plan.** A block equivalency file for a house plan must assign district
1.22 numbers using the convention "01A, 01B, 02A, 02B" etc.

1.23 (f) **Senate Plan.** A block equivalency file for a senate plan must assign district
1.24 numbers using the convention "01, 02, 03" etc.

1.25 (g) **Not Public Until Released.** The block equivalency file will be treated as
1.26 nonpublic data until the member who provided it releases the plan for publication.

2.1 Subd. 2. **Equivalency file used to create plan.** (a) **Import.** The director of GIS will
2.2 import the block equivalency file, or files, in the case of a legislative plan, into a standard
2.3 map file maintained by the Geographic Information Systems Office and transform it
2.4 into a redistricting plan.

2.5 (b) **Plan Name.** The director will name the plan as follows:

2.6 (1) Congress: C0001-0 for the plan as introduced; C0001-1, C0001-2, etc., for each
2.7 engrossment of the same plan as it moves through committee, to the floor, etc.;

2.8 (2) senate: S0001, etc., as in the case of congressional plans;

2.9 (3) house: H0001, etc., as above; and

2.10 (4) Metropolitan Council: MC0001, etc., as above.

2.11 (c) **Plan Administrator.** The name of the member who requested that the plan be
2.12 posted will be shown as the "plan administrator."

2.13 Subd. 3. **Plan used to generate maps and reports.** (a) **Maps.** The director will
2.14 produce maps describing the plan.

2.15 (1) **Layers and Labels.** A statewide map of the plan will include the following
2.16 layers and labels:

2.17 (i) **Proposed Districts.** Proposed legislative or congressional district boundaries,
2.18 as appropriate to the plan, will be shown as the top layer.

2.19 (ii) **Counties.** County boundaries and names will be shown.

2.20 (iii) **Cities, Towns, Unorganized Territories.** Boundaries and names of Minor
2.21 Civil Divisions (MCDs) will be shown.

2.22 (iv) **Blocks.** Census block boundaries will be shown.

2.23 (v) **Other Physical Features.** Selected other physical features represented as
2.24 TIGER/Line segments and their names, where available, will be shown.

2.25 (vi) **Proposed Districts.** Districts as proposed by the plan will be shown as a
2.26 color theme on the bottom layer, except that when the color theme of racial and ethnic
2.27 populations is displayed the proposed district boundaries will be shown as a boundary
2.28 line on the top layer.

2.29 (2) **Points and Labels.** The map will include points showing the residence of each
2.30 incumbent with a label showing the name of the incumbent.

2.31 (b) **Reports.** The director will create reports describing the plan. The reports
2.32 will be converted to Adobe Portable Document Format (pdf) for viewing, printing, and
2.33 downloading from the Web. The reports to be created are the following:

2.34 (1) **Population Summary.** A report listing every district in the plan, its population,
2.35 and various summary statistics;

3.1 (2) **Minority Total Population.** A report listing the total population of each racial
3.2 or language minority and the total minority population in each district, according to
3.3 categories recommended by the United States Department of Justice;

3.4 (3) **Minority Voting Age Population.** A report listing the voting age population
3.5 of each racial or language minority and the total minority voting age population in each
3.6 district, according to categories recommended by the United States Department of Justice;

3.7 (4) **Contiguity.** A report showing whether any district contains territory that is
3.8 not contiguous;

3.9 (5) **Compactness.** A report showing how each district and the plan as a whole score
3.10 on the Roeck, Polsby-Popper, and perimeter measures of compactness;

3.11 (6) **Political Subdivision Splits.** A report showing the number of counties, cities,
3.12 towns, and precincts split into more than one district, the number of times each kind of
3.13 subdivision has been split, and the districts to which they have been assigned;

3.14 (7) **Incumbents.** A report showing the proposed district to which each incumbent
3.15 has been assigned, the number of incumbents in the same district with another incumbent,
3.16 and the number of open seats; and

3.17 (8) **Components.** A report listing the census units that compose each district and
3.18 their population.

3.19 Subd. 4. **Plan archive.** (a) **Maps.** The director will produce a set of paper maps,
3.20 including a large-format color map of the state, a large-format color map with insets
3.21 for the six metropolitan areas, and letter-size black-and-white maps of the state, the six
3.22 metropolitan areas, and each city, town, and unorganized territory split by the plan, and
3.23 file them in the plan archive.

3.24 (b) **Reports.** The director will file a set of the standard reports on paper in the
3.25 plan archive.

3.26 Subd. 5. **Files posted on redistricting Web site.** (a) **Not Public Until Released.**
3.27 The maps and reports generated by the director will remain nonpublic until the member
3.28 who provided the block equivalency file releases the plan for publication.

3.29 (b) **Release.** When the member who provided the block equivalency file notifies
3.30 the director that the plan may be published, the director will post the plan on the World
3.31 Wide Web.

3.32 (c) **Redistricting Home Page.** The Geographic Information Systems Office will
3.33 include on its redistricting home page a link to a directory of proposed redistricting plans.

3.34 (d) **Plan Directory.** The plan directory will index a plan according to the name of
3.35 the member who provided it, the plan name, the date the plan was posted, and the number
3.36 of any bill introduced in either the house or the senate that refers to the plan. When later

4.1 development of the Web posting system makes it possible, the directory will include a
4.2 link to the legislature's bill status system so that the viewer may check the status and
4.3 text of the bill.

4.4 (e) **Viewing a Plan.** Once the viewer selects a plan, the viewer will be able to
4.5 examine the maps and reports using a current Web browser or current PDF reader.

4.6 (1) **Maps.** A series of maps showing the statewide plan and individual districts will
4.7 be created in PDF format. An interactive online map will also be created.

4.8 (2) **Reports.** Reports will be available for viewing in PDF format as well as
4.9 interactively in tabular format on each plan page.

4.10 (f) **Printing.** The viewer will be able to print the maps and reports using the print
4.11 command in either of the named Web browsers.

4.12 (g) **Downloading.**

4.13 (1) **Maps and Reports.** The viewer will be able to download map and report files
4.14 visible with the browser by using the browser's "save as" command.

4.15 (2) **Plan File.** The viewer will not be able to draw a plan or modify the plan on the
4.16 Web site. A viewer will be able to download the "districts" layer from the Maptitude plan
4.17 file and use the viewer's own GIS software to produce maps and reports describing the
4.18 plan. A viewer will be able to download the block equivalency file in either dBASE format
4.19 or ASCII text format using the browser and then import the plan as a block equivalency
4.20 file into any standard redistricting software.

4.21 **EFFECTIVE DATE.** This section is effective the day following final enactment and
4.22 applies to any plan for districts considered by the legislature for use at the state primary in
4.23 2012 and thereafter. This section expires June 1, 2012."

4.24 Renumber the sections in sequence and correct the internal references

4.25 Amend the title accordingly