



HR0862

LRB098 20405 GRL 56119 r

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HOUSE RESOLUTION

2 WHEREAS, The members of the Illinois House of
3 Representatives are pleased to congratulate Prairie Ridge High
4 School's Advance Design students and their teacher Nick Low on
5 their design work and model of the William G. Stratton Lock and
6 Dam in McHenry; and

7 WHEREAS, Prairie Ridge High School is located in Crystal
8 Lake; students at Prairie Ridge are offered electives in the
9 area of industrial technologies, where they can enroll in
10 courses such as mechanical and architectural design; these
11 courses allow students to learn about CAD software, 3D
12 printing, and design resources; and

13 WHEREAS, The students enrolled in Nick Low's Advance Design
14 courses were able to apply their studies in the classroom to
15 real world applications when the Fox River flooded in 2013; and

16 WHEREAS, In April and June of 2013, the Fox River flooded,
17 with water levels rising to a level above what the William G.
18 Stratton Lock and Dam could handle; the flooding that occurred
19 in McHenry County hit Crystal Lake the hardest and caused an
20 estimated \$73 million in damages to multiple homes, businesses,
21 and roads, with the floods effects being felt by everyone in
22 the community; and

1 WHEREAS, Following the devastating floods, Illinois State
2 Representative Barbara Wheeler sought education for homeowners
3 about the lock and dam system's purpose and limits; hearing
4 great things about Prairie Ridge High School's CAD and
5 Engineering Program, she partnered with Nick Low's Advance
6 Design students to work on a long term project to produce a
7 physical model of the dam and lock using CAD software, 3D
8 printing, and all of their knowledge from the past 2 or 3 years
9 of engineering-related coursework; and

10 WHEREAS, The model of the Stratton Lock and Dam will help
11 the Crystal Lake community and future students of Prairie Ridge
12 understand the lock and dam system's function; therefore, be it

13 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE
14 NINETY-EIGHTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that
15 we congratulate Prairie Ridge High School's Advance Design
16 students and their teacher Nick Low on their modeling of the
17 William G. Stratton Lock and Dam and wish them success in their
18 future endeavors; and be it further

19 RESOLVED, That suitable copies of this resolution be
20 presented to Prairie Ridge High School and Nick Low.