

SENATE AMENDMENTS

2nd Printing

By: Walle, Paul, Hernandez, et al.

H.B. No. 2345

A BILL TO BE ENTITLED

1 AN ACT

2 relating to resources to facilitate disaster mitigation, response,
3 and recovery.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

5 SECTION 1. Subchapter C, Chapter 16, Water Code, is amended
6 by adding Section 16.061 to read as follows:

7 Sec. 16.061. FLOOD MITIGATION AND RESILIENCY. The board
8 shall:

9 (1) create an inventory of flood mitigation and
10 resiliency projects;

11 (2) develop a method of prioritizing projects
12 described by Subdivision (1); and

13 (3) coordinate with the Institute for a Disaster
14 Resilient Texas, created under Section 86.82, Education Code.

15 SECTION 2. Subchapter E, Chapter 86, Education Code, is
16 amended by adding Section 86.82 to read as follows:

17 Sec. 86.82. INSTITUTE FOR A DISASTER RESILIENT TEXAS. (a)
18 In this section, "institute" means the Institute for a Disaster
19 Resilient Texas.

20 (b) The Institute for a Disaster Resilient Texas is a
21 component of Texas A&M University.

22 (c) The institute is under the management and direction of
23 the board.

24 (d) The institute shall:

1 (1) develop data analytics tools to support disaster
2 planning, mitigation, response, and recovery by the state, its
3 political subdivisions, and the public;

4 (2) create and maintain web-based analytical and
5 visual tools to communicate disaster risks and ways to reduce those
6 risks, including tools that work on the level of individual parcels
7 of land;

8 (3) provide evidence-based information and solutions
9 to aid in the formation of state and local partnerships to support
10 disaster planning, mitigation, response, and recovery;

11 (4) collect, display, and communicate comprehensive
12 flood-related information, including applicable updated inundation
13 maps, for use by decision-makers and the public;

14 (5) discuss, study, and test ideas for flood planning
15 and mitigation; and

16 (6) collaborate with other components of The Texas A&M
17 University System, institutions of higher education, as that term
18 is defined by Section 61.003, state agencies, local governments,
19 and other political subdivisions to accomplish the purposes of this
20 section.

21 (e) The institute may employ personnel, including experts
22 in planning, engineering, hydrology, ecology, and economics.

23 (f) The institute may accept a gift or grant from any public
24 or private source for the benefit of the institute.

25 SECTION 3. (a) In this Act, "committee" means the Flood
26 Event Partnership Options Special Study Committee.

27 (b) The Flood Event Partnership Options Special Study

1 Committee is established and consists of nine persons appointed by
2 the governor to represent the flooding-related interests of the
3 following:

- 4 (1) state agencies;
- 5 (2) federal agencies;
- 6 (3) local governments, including counties and
7 municipalities;
- 8 (4) conservation and reclamation districts and other
9 special purpose districts with authority over water resources or
10 waterways; and
- 11 (5) nonprofit entities.

12 (c) The governor shall appoint persons to serve on the
13 committee not later than October 1, 2019.

14 (d) The committee shall conduct a study of the appropriate
15 structure, means of administration, and membership of state-local
16 partnerships to address flooding events in this state.

17 (e) The study must address:

18 (1) which state and local entities are interested in
19 and capable of participating in effective partnerships to prevent,
20 mitigate, or address flooding events in this state;

21 (2) the role that flood planning at the watershed
22 level may play in a state-local partnership's efforts to prevent,
23 mitigate, or address flooding events in this state;

24 (3) the possible negative effects efforts in a local
25 area to prevent, mitigate, or address flooding events may have in
26 neighboring areas;

27 (4) whether state-local partnerships to prevent,

1 mitigate, or address flooding events in this state may function
2 more effectively on a required basis or voluntary basis and how the
3 organization and structure of the partnerships may differ according
4 to whether it is a required or voluntary relationship;

5 (5) what incentives are available or may be made
6 available to encourage effective state-local partnerships to
7 prevent, mitigate, or address flooding events in this state;

8 (6) what manner of funding is available or may be made
9 available to foster effective state-local partnerships to prevent,
10 mitigate, or address flooding events in this state;

11 (7) appropriate roles for various partners in
12 state-local partnerships to prevent, mitigate, or address flooding
13 events in this state;

14 (8) the most effective types of projects a state-local
15 partnership could propose to prevent, mitigate, or address flooding
16 events; and

17 (9) which information is best applied by state-local
18 partnerships to prevent, mitigate, or address flooding events and
19 how that information may most effectively be gathered and shared.

20 (f) On the request of the committee, The Texas A&M
21 University System shall provide the committee with assistance,
22 necessary support staff, and facilities to conduct meetings.

23 (g) The committee shall deliver to the governor, the
24 lieutenant governor, the speaker of the house of representatives,
25 and each member of the legislature a report on the determinations of
26 the committee based on the study conducted under this section not
27 later than December 1, 2020. The committee shall deliver to the

1 governor, the lieutenant governor, or a member of the legislature
2 related information on request.

3 (h) The committee is abolished, and this section expires May
4 1, 2021.

5 SECTION 4. This Act takes effect immediately if it receives
6 a vote of two-thirds of all the members elected to each house, as
7 provided by Section 39, Article III, Texas Constitution. If this
8 Act does not receive the vote necessary for immediate effect, this
9 Act takes effect September 1, 2019.

ADOPTED

MAY 22 2019

Letay Paul
Secretary of the Senate

By: J. J. Huij-

H. B. No. 2345

Substitute the following for H. B. No. 2345:

By: Jose Rodriguez

C.S. H. B. No. 2345

A BILL TO BE ENTITLED

AN ACT

1
2 relating to the creation of the Institute for a Disaster Resilient
3 Texas.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

5 SECTION 1. Subchapter E, Chapter 86, Education Code, is
6 amended by adding Section 86.82 to read as follows:

7 Sec. 86.82. INSTITUTE FOR A DISASTER RESILIENT TEXAS. (a)
8 In this section, "institute" means the Institute for a Disaster
9 Resilient Texas.

10 (b) The Institute for a Disaster Resilient Texas is a
11 component of Texas A&M University.

12 (c) The institute is under the management and direction of
13 the board.

14 (d) The institute shall:

15 (1) develop data analytics tools to support disaster
16 planning, mitigation, response, and recovery by the state, its
17 political subdivisions, and the public;

18 (2) create and maintain web-based analytical and
19 visual tools to communicate disaster risks and ways to reduce those
20 risks, including tools that work on the level of individual parcels
21 of land;

22 (3) provide evidence-based information and solutions
23 to aid in the formation of state and local partnerships to support
24 disaster planning, mitigation, response, and recovery;

1 (4) collect, display, and communicate comprehensive
2 flood-related information, including applicable updated inundation
3 maps, for use by decision-makers and the public; and

4 (5) collaborate with institutions of higher
5 education, as that term is defined by Section 61.003, state
6 agencies, local governments, and other political subdivisions to
7 accomplish the purposes of this section.

8 (e) The institute may employ personnel, including experts
9 in planning, engineering, hydrology, ecology, and economics.

10 (f) The institute may accept a gift or grant from any public
11 or private source for the benefit of the institute.

12 SECTION 2. The Institute for a Disaster Resilient Texas is
13 required to implement a provision of this Act only if the
14 legislature appropriates money specifically for that purpose. If
15 the legislature does not appropriate money specifically for that
16 purpose, the institute may, but is not required to, implement a
17 provision of this Act using other appropriations available for that
18 purpose.

19 SECTION 3. This Act takes effect immediately if it receives
20 a vote of two-thirds of all the members elected to each house, as
21 provided by Section 39, Article III, Texas Constitution. If this
22 Act does not receive the vote necessary for immediate effect, this
23 Act takes effect September 1, 2019.

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 86TH LEGISLATIVE REGULAR SESSION

May 23, 2019

TO: Honorable Dennis Bonnen, Speaker of the House, House of Representatives

FROM: John McGeady, Assistant Director Sarah Keyton, Assistant Director
Legislative Budget Board

IN RE: HB2345 by Walle (Relating to the creation of the Institute for a Disaster Resilient Texas.),
As Passed 2nd House

No significant fiscal implication to the State is anticipated.

Based on information provided by the Texas A&M University System, there would be no significant fiscal impact to the state to create the Institute for a Disaster Resilient Texas. The institution estimates that the annual cost of the institute to be approximately \$5,000,000 in federal funding. Texas A&M System would also support the institution with office spaces, web site maintenance, server space, and super-computing resources which could be absorbed through the use of institutional funds. The institute is required to implement a provision of this Act only if the legislature appropriates money specifically for that purpose. If the legislature does not appropriate money specifically for that purpose, the institute may, but is not required to, implement a provision of this Act using other appropriations available for that purpose.

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 710 Texas A&M University System Administrative and General Offices

LBB Staff: WP, SD, SZ, DEH, ESC

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 86TH LEGISLATIVE REGULAR SESSION

May 18, 2019

TO: Honorable Charles Perry, Chair, Senate Committee on Water & Rural Affairs

FROM: John McGeady, Assistant Director Sarah Keyton, Assistant Director
Legislative Budget Board

IN RE: HB2345 by Walle (Relating to the creation of the Institute for a Disaster Resilient Texas.),
Committee Report 2nd House, Substituted

<p>No significant fiscal implication to the State is anticipated.</p>
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Based on information provided by the Texas A&M University System, there would be no significant fiscal impact to the state to create the Institute for a Disaster Resilient Texas. The institution estimates that the annual cost of the institute to be approximately \$5,000,000 in federal funding. Texas A&M System would also support the institution with office spaces, web site maintenance, server space, and super-computing resources which could be absorbed through the use of institutional funds. The institute is required to implement a provision of this Act only if the legislature appropriates money specifically for that purpose. If the legislature does not appropriate money specifically for that purpose, the institute may, but is not required to, implement a provision of this Act using other appropriations available for that purpose.

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 710 Texas A&M University System Administrative and General Offices

LBB Staff: WP, SZ, DEH, ESC

**LEGISLATIVE BUDGET BOARD
Austin, Texas**

FISCAL NOTE, 86TH LEGISLATIVE REGULAR SESSION

April 18, 2019

TO: Honorable Charles Perry, Chair, Senate Committee on Water & Rural Affairs

FROM: John McGeady, Assistant Director Sarah Keyton, Assistant Director
Legislative Budget Board

IN RE: HB2345 by Walle (Relating to resources to facilitate disaster mitigation, response, and recovery.), **As Engrossed**

Estimated Two-year Net Impact to General Revenue Related Funds for HB2345, As Engrossed: a negative impact of (\$161,054) through the biennium ending August 31, 2021.

General Revenue-Related Funds, Five-Year Impact:

Fiscal Year	Probable Net Positive/(Negative) Impact to General Revenue Related Funds
2020	(\$86,030)
2021	(\$75,024)
2022	(\$75,024)
2023	(\$75,024)
2024	(\$75,024)

All Funds, Five-Year Impact:

Fiscal Year	Probable Savings/(Cost) from <i>General Revenue Fund</i> 1	Change in Number of State Employees from FY 2019
2020	(\$86,030)	1.0
2021	(\$75,024)	1.0
2022	(\$75,024)	1.0
2023	(\$75,024)	1.0
2024	(\$75,024)	1.0

Fiscal Analysis

The first section of the bill would direct the Texas Water Development Board (TWDB) to create an inventory of, and prioritize, flood mitigation and resiliency projects, and to coordinate with the Institute for a Disaster Resilient Texas. Section two of the bill would create the Institute for a Disaster Resilient Texas as a component of Texas A&M University.

The bill would take effect immediately if it receives a two-thirds vote of all members, otherwise

the bill would take effect September 1, 2019.

Methodology

According to TWDB, the implementation of section one of the bill would require an additional 1.0 Program Specialist III, costing approximately \$75,000 per year for salary and benefits, and additional estimated one-time costs of \$11,000 for office supplies, copier lease, fleet expenses, office furniture, telecommunications equipment, and a computer. The five-year cost is estimated to be \$386,126 in General Revenue.

Based on information provided by the Texas A&M University System, there would be no significant fiscal impact to the state to create the Institute for a Disaster Resilient Texas. The institution estimates that the annual cost of the institute to be approximately \$5,000,000 in federal funding. This would cover the costs of data analytic tools, approximately 5 FTEs for planning, engineering, hydrology, ecology and economics, communication costs, development of a flood information system, web-based risk visualization tools support on determining mitigation strategies. Texas A&M System would also support the institution with office spaces, web site maintenance, server space, and super-computing resources which could be absorbed through the use of institutional funds.

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 300 Trusteed Programs Within the Office of the Governor, 580 Water Development Board, 710 Texas A&M University System Administrative and General Offices

LBB Staff: WP, SZ, LBO, DEH, ESC, PBO, JSm

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 86TH LEGISLATIVE REGULAR SESSION

April 3, 2019

TO: Honorable Poncho Nevárez, Chair, House Committee on Homeland Security & Public Safety

FROM: John McGeady, Assistant Director Sarah Keyton, Assistant Director
 Legislative Budget Board

IN RE: **HB2345** by Walle (relating to resources to facilitate disaster mitigation, response, and recovery.), **Committee Report 1st House, Substituted**

Estimated Two-year Net Impact to General Revenue Related Funds for HB2345, Committee Report 1st House, Substituted: a negative impact of (\$161,054) through the biennium ending August 31, 2021.

General Revenue-Related Funds, Five-Year Impact:

Fiscal Year	Probable Net Positive/(Negative) Impact to General Revenue Related Funds
2020	(\$86,030)
2021	(\$75,024)
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Local Government Impact

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Source Agencies: 300 Trusteed Programs Within the Office of the Governor, 580 Water Development Board, 710 Texas A&M University System Administrative and General Offices

LBB Staff: WP, LBO, DEH, ESC, PBO, JSm

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 86TH LEGISLATIVE REGULAR SESSION

March 19, 2019

TO: Honorable Poncho Nevárez, Chair, House Committee on Homeland Security & Public Safety

FROM: John McGeady, Assistant Director Sarah Keyton, Assistant Director
 Legislative Budget Board

IN RE: HB2345 by Walle (Relating to resources to facilitate disaster mitigation, response, and recovery.), **As Introduced**

Estimated Two-year Net Impact to General Revenue Related Funds for HB2345, As Introduced: a negative impact of (\$161,054) through the biennium ending August 31, 2021.

General Revenue-Related Funds, Five-Year Impact:

Fiscal Year	Probable Net Positive/(Negative) Impact to General Revenue Related Funds
2020	(\$86,030)
2021	(\$75,024)
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LBB Staff: WP, LBO, DEH, ESC, PBO, JSm