

LEGISLATIVE FISCAL OFFICE
Fiscal Note



Fiscal Note On: **HB 146** HLS 19RS 260
 Bill Text Version: **ORIGINAL**
 Opp. Chamb. Action:
 Proposed Amd.:
 Sub. Bill For.: **REVISED**

Date: May 1, 2019 8:44 AM	Author: CREWS
Dept./Agy.: DOTD/Statewide/Local Governing Authorities	Analyst: Alan M. Boxberger
Subject: Provides relative to public geographic data	

PUBLIC RECORDS OR SEE FISC NOTE GF EX See Note Page 1 of 2
 Provides relative to public geographic data

Present law (R.S. 44:1 et seq. - Public Records Law) provides for access and retention of public records; establishes a framework for the ready availability of public records to requesting persons; and provides that it is the duty of the custodian of public records to provide copies to persons requesting access to public records.

Proposed law retains **present law** and additionally requires that any public record that consists of geographic information system data that is made available to the public by the custodian on the internet to additionally be made available in a format for expressing geographic annotation and visualization in two-dimensional or three-dimensional representations using applications that are available to the public without charge, including without limitation Keyhole Markup Language (KML).

Proposed law is effective 8/1/20.

EXPENDITURES	2019-20	2020-21	2021-22	2022-23	2023-24	5 -YEAR TOTAL
State Gen. Fd.	SEE BELOW	SEE BELOW	SEE BELOW	SEE BELOW	SEE BELOW	
Agy. Self-Gen.	\$0	\$0	\$0	\$0	\$0	\$0
Ded./Other	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Local Funds	SEE BELOW	SEE BELOW	SEE BELOW	SEE BELOW	SEE BELOW	
Annual Total						

REVENUES	2019-20	2020-21	2021-22	2022-23	2023-24	5 -YEAR TOTAL
State Gen. Fd.	\$0	\$0	\$0	\$0	\$0	\$0
Agy. Self-Gen.	\$0	\$0	\$0	\$0	\$0	\$0
Ded./Other	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Local Funds	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Annual Total	\$0	\$0	\$0	\$0	\$0	\$0

EXPENDITURE EXPLANATION

Proposed law may cause an increase in state expenditures across multiple means of finance (reflected as SGF in the expenditure box for simplicity) and Local Funds expenditures associated with making geographic information system data available to the public in certain formats.

State Systems

Multiple state agencies collect and produce geographic information system data that is made available to the public. For purposes of this bill, the LFO attempted to survey the major departments holding functional duties with regard to this activity.

Division of Administration (DOA)

DOA reports that **proposed law** will require the State Land Office (SLO) to reallocate its two in-house Office of Technology Services (OTS) employees for approximately six months to convert all SLO data to the Keyhole Markup Language (KML) file format and change the datasets such that they can be downloaded on a parish to parish basis due to file sizes. Once the initial conversion was complete, SLO estimates one in-house OTS employee will require approximately three days per month to convert updates to the KML format and ensure access through the SLO website. Additionally, SLO reports that it provides DNR with monthly updates of ShapeFiles and that proper implementation of **proposed law** will require SLO to update this data monthly by parish. SLO reports that it can absorb the workload with existing resources budgetary and staff resources. SLO expenditures are made from SGR. SLO states that shifting the work of these employees will cause delays in their standard work product and that conversion of the file formats may extend beyond the six-month timeline if the employees are required to address other critical or time-sensitive projects outside of this conversion.

SEE EXPENDITURE EXPLANATION CONTINUED ON PAGE TWO

REVENUE EXPLANATION

There is no anticipated direct material effect on governmental revenues as a result of this measure.

Senate Dual Referral Rules
 13.5.1 >= \$100,000 Annual Fiscal Cost {S & H}
 13.5.2 >= \$500,000 Annual Tax or Fee Change {S & H}

House
 6.8(F)(1) >= \$100,000 SGF Fiscal Cost {H & S}
 6.8(G) >= \$500,000 Tax or Fee Increase or a Net Fee Decrease {S}

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Staff Director

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CONTINUED EXPLANATION from page one:

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EXPENDITURE EXPLANATION CONTINUED FROM PAGE ONE

Department of Transportation and Development (DOTD)

DOTD currently performs the role of collecting data and producing a statewide geospatial database. The department has rules that form the basis of standards for the state's geospatial database. DOTD reports that it is in the process of implementing an Enterprise Geographic Information System (GIS) mapping system with the ability to publish services onto the internet. All of the GIS data produced in this system can be consumed freely via Representational State Transfer (REST) services. Since the data is published as a feature service, labeling of features (annotations) can be enabled by a consumer. DOTD reports that it does not currently publish KML files since those are specific to certain Google applications, but that the system has the capacity to do so during the publishing process and can be done without a material impact on expenditures.

Department of Natural Resources (DNR)

DNR reports that each employee trained in GIS within DNR has the capability to pull data from the Strategic Online Natural Resources Information System (SONRIS) in the KML format. DNR reports that it ordinarily makes this data available to the public in ShapeFile format, but that both ShapeFile and KML can be used by applications that are free to the public. DNR reports that it can provide data in the KML format at no additional cost to the department.

Coastal Protection and Restoration Authority (CPRA)

CPRA reports that **proposed law** may result in increased expenditures, but that the impact is unknown at the current time. CPRA is currently consulting with OTS as to whether its data output can be made available in the KML file format and whether it will incur costs to procure hardware, software or contract support to provide data in the prescribed manner. If CPRA incurs additional cost, it would be paid out of the statutorily dedicated Coastal Protection and Restoration Trust Fund. The LFO will update this fiscal note if and when additional information becomes available.

Local Systems

The Louisiana Municipal Association (LMA) reports that potential expenditure impacts are impossible to calculate, as the technological capabilities and presence of online mapping data varies across municipal governments. For those that do offer ShapeFile data online, there may be an initial cost to convert all such data for functionality with KML or similar programs. LMA reports that the overall statewide cost is anticipated to be nominal, but if the process should become overly burdensome the result may be a clawing back of online geographic information system data access by local governing authorities.

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