

2013 DRAFTING REQUEST

Bill

Received: 9/26/2012 Received By: emueller
Wanted: As time permits Same as LRB:
For: Administration-Budget By/Representing: Byrnes
May Contact: Drafter: emueller
Subject: Transportation - highways Addl. Drafters:
Transportation - other Extra Copies: ARG

Submit via email: YES
Requester's email:
Carbon copy (CC) to:

Pre Topic:

DOA:.....Byrnes, BB0236 -

Topic:

Create appropriation for Height Modernization Program

Instructions:

See attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
/?	emueller 10/24/2012	evinz 10/25/2012		_____			
/P1	emueller 10/31/2012		rschluet 10/25/2012	_____	mbarman 10/25/2012		State
/P2	emueller 11/13/2012	evinz 11/2/2012	rschluet 11/6/2012	_____	sbasford 11/6/2012		State
/1		evinz	jmurphy	_____	sbasford		State

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
		11/13/2012	11/13/2012	_____	11/13/2012		

FE Sent For:

<END>

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May Contact:	Drafter: emueller
Subject: Transportation - highways Transportation - other	Addl. Drafters:
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/?	emueller 10/24/2012	evinz 10/25/2012		_____			
/P1	emueller 10/31/2012		rschluet 10/25/2012	_____	mbarman 10/25/2012		State
/P2	emueller	evinz 11/2/2012	rschluet 11/6/2012	_____	sbasford 11/6/2012		State
/1	CUM 11/13/12	1 eev 11/13/12	Jmc 11/13	Self			

FE Sent For:

<END>

2013 DRAFTING REQUEST

Bill

Received: 9/26/2012 Received By: emueller
Wanted: As time permits Same as LRB:
For: Transportation By/Representing: Anna Richter
May Contact: Drafter: emueller
Subject: Transportation - highways Addl. Drafters:
Transportation - other Extra Copies: ARG

Submit via email: YES
Requester's email: Anna.Richter@dot.wi.gov
Carbon copy (CC) to:

Pre Topic:

No specific pre topic given

Topic:

Create appropriation for Height Modernization Program.

Instructions:

See attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
/?	emueller 10/24/2012	evinz 10/25/2012		_____			
/P1	emueller 10/31/2012		10/25/2012	_____	mbarman 10/25/2012		State
/P2		evinz 11/2/2012	11/6/2012	_____	sbasford 11/6/2012		State

FE Sent For:

<END>

2013 DRAFTING REQUEST

Bill

Received: **9/26/2012** Received By: **emueller**
Wanted: **As time permits** Companion to LRB:
For: **Transportation** By/Representing: **Anna Richter**
May Contact: Drafter: **emueller**
Subject: **Transportation - highways** Addl. Drafters:
Transportation - other Extra Copies: **ARG**

Submit via email: **YES**
Requester's email: **Anna.Richter@dot.wi.gov**
Carbon copy (CC) to:

Pre Topic:

No specific pre topic given

Topic:

Create appropriation for Height Modernization Program.

Instructions:

See attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
/?	emueller 10/24/2012	evinz 10/25/2012		<i>Km 11</i> <i>276</i>			
/P1			10/25/2012		mbarman 10/25/2012		State

1 P2 EVM
10/31/12
FE Sent For:

11512
<END>

2013 DRAFTING REQUEST

Bill

Received: 9/26/2012

Received By: emueller

Wanted: As time permits

Companion to LRB:

For: Transportation

By/Representing: Anna Richter

May Contact:

Drafter: emueller

Subject: Transportation - highways
Transportation - other

Addl. Drafters:

Extra Copies: ARG

Submit via email: YES
Requester's email: Anna.Richter@dot.wi.gov
Carbon copy (CC) to:

Pre Topic:

No specific pre topic given

Topic:

Create appropriation for Height Modernization Program.

Instructions:

See attached

Drafting History:

Vers. Drafted Reviewed Typed Proofed Submitted Jacketed Required

1? emueller

1/01 EJM 10/24/12 1/pt eev 10/24/12 1/pt eev 10/25/12

FE Sent For:

<END>

**Department of Transportation
2013-2015 Biennial Budget Request
STATUTORY MODIFICATIONS**

DIN:

TOPIC: Creation of Program Revenue Appropriation for the Wisconsin Height Modernization Program Maintenance and Upgrade Costs

REQUEST:

The Department requests the creation of Appropriation XXX, S. 20.395(3)(xx) Wis. Stats., a continuing Program Revenue (PR) appropriation, to fund ongoing maintenance and upgrade costs of the Height Modernization (Height Mod) Program starting in FY 15. In addition, the Department requests authority to charge an annual user access fee to be set by administrative rule. Annual revenues received would approximate the Department's costs to repair and replace system equipment and software. The Department requests the initial fee be established at \$525 for each registered user, with a maximum charge for one business or governmental entity of \$2,100, the equivalent of 4 users.

JUSTIFICATION:

The Height Modernization Program was established by the National Geodetic Survey (NGS) to enhance the accuracy of latitude, longitude, and elevation information used in the construction of roads, bridges, and other applications. Since inception, over \$20 million has been invested in this system in Wisconsin with 70% federal funds. Federal funding has now ended. While the system is operational, construction will not fully be completed until 2015. The Department will re-allocate funding to complete construction.

The requested annual PR fee will be set to generate sufficient revenue to service, update and replace system equipment, hardware, and software on an ongoing basis. There is no existing funding to cover the maintenance and upgrade costs.

The Height Mod Program consists of both a passive and an active network that are used together:

Passive System – When completed, the passive network will include approximately 8,500 monuments (or survey marks) throughout the State that are used to generate latitude, longitude, and elevation data. The passive system will require ongoing maintenance, including recovery or relocation of the geodetic survey monuments and replacement of broken guard posts.

Active System – When completed, the active network will consist of 78 continuously broadcasting reference stations which form a network that broadcasts Global Positioning System (GPS) coordinates. This will require ongoing software and hardware maintenance of the 78 receivers and the central server.

The table below shows a breakdown of the annualized maintenance costs to operate the system:

Height Mod Program Annualized Maintenance Costs

Item	Average Yearly Cost
Active System Components	
Global Positioning System Receivers (annualized replacement)	\$217,000
Warranties	\$47,000
Software Maintenance	\$20,000
Software Upgrade	\$11,000

Server Expansion/Replacement	\$10,000
Continuously Operating Reference Stations(CORS)	
Replacement of Reference Stations	\$20,000
Catastrophic Destruction of Reference Stations	\$40,000
Passive Mark System	
Supplies for Mark Maintenance	\$10,000
Replacement of Passive Network Marks	\$50,000
LTE (Salary, FB, and Travel) for Mark Maintenance	\$40,000
Miscellaneous Equipment and Supplies	\$5,000
	\$470,000

There are an estimated 1,000 system users, approximately 78% private and 22% public entities. The largest private users of the system are engineering and surveying firms and in some instances one business entity may have as many as thirty different registered users. The Department proposes charging an initial fee of \$525 for each registered user, with a maximum charge for one business or governmental entity of \$2,100, the equivalent of 4 users. A further fee analysis would be done in conjunction with administrative rule development and the fee may need to be adjusted in that process based on the actual number of registered users.



State of Wisconsin
2011 - 2012 LEGISLATURE

D Note



LRB-0348/1 0156/P1
EVM: [unclear] md
[unclear] eev

DOA:.....Byrnes, BB0122 - Create a program revenue appropriation for the WISCORS component of the Height Modernization Program
FOR 2011-13 BUDGET - NOT READY FOR INTRODUCTION

RM/R

Agree Budget Draft

In 10/24/12

SAV xref NA

dot gen

1 AN ACT .; relating to: the budget.

Analysis by the Legislative Reference Bureau

TRANSPORTATION
OTHER TRANSPORTATION

This bill requires DOT to administer an active surveying reference station system (WISCORS) that consists of reference stations that continuously transmit global positioning system data to a system server, and the server that receives and processes the data received from the reference stations. The bill also permits DOT to charge a fee to persons who access WISCORS in an amount to be established by rule. All WISCORS access fees received by DOT are appropriated for WISCORS maintenance and operation costs.

For further information see the *state* fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

2 SECTION 1. 20.395 (3) (jq) of the statutes is created to read:

DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-0156/?dn
EVM...
eev

ATTN: Anna Richter

This draft is the same as last session's LRB-0348/1. It is not clear to me whether you are asking for changes to that draft. In particular:

- (lc)
1. This draft contains a PR-type appropriation, but since the money comes from the Transportation Fund, it is categorized as a SEG appropriation. Do you want the fee money from s. 85.63 (2), as created in this draft, to be excluded from the Transportation Fund?
 2. Are you requesting that the fee authorization and appropriation have a delayed effective date?
 3. Are you requesting a statutory cap on the fee that DOT may charge?
 4. Does s. 85.63 (1), as created in this draft, need to be altered to make reference to the passive system?

Please let me know if you would like any changes made to the attached draft or if you have any questions.

Eric V. Mueller
Legislative Attorney
Phone: (608) 261-7032
E-mail: eric.mueller@legis.wisconsin.gov

DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-0156/P1dn
EVM:eev:rs

October 25, 2012

ATTN: Anna Richter

This draft is the same as last session's LRB-0348/1. It is not clear to me whether you are asking for changes to that draft. In particular:

1. This draft contains a PR-type appropriation, but since the money comes from the transportation fund, it is categorized as a SEG appropriation. Do you want the fee money from s. 85.63 (2), as created in this draft, to be excluded from the transportation fund?
2. Are you requesting that the fee authorization and appropriation have a delayed effective date?
3. Are you requesting a statutory cap on the fee that DOT may charge?
4. Does s. 85.63 (1), as created in this draft, need to be altered to make reference to the passive system?

Please let me know if you would like any changes made to the attached draft or if you have any questions.

Eric V. Mueller
Legislative Attorney
Phone: (608) 261-7032
E-mail: eric.mueller@legis.wisconsin.gov

Mueller, Eric

From: Merriman Hitchman, Linda H - DOT <Linda.MerrimanHitchman@dot.wi.gov>
Sent: Thursday, November 01, 2012 8:43 AM
To: Mueller, Eric
Subject: RE: Height Mod name on appropriation

Sorry, should be surveying reference station, no "and"

From: Merriman Hitchman, Linda H - DOT
Sent: Thursday, November 01, 2012 8:42 AM
To: Mueller, Eric - LEGIS
Subject: FW: Height Mod name on appropriation

Hi Eric, can we call it "surveying and reference station system" just because Cindy already finalized her titles. Is that OK?

From: Richter, Anna - DOT
Sent: Thursday, November 01, 2012 7:53 AM
To: Merriman Hitchman, Linda H - DOT; Nooyen, Cindy - DOT
Subject: RE: Height Mod name on appropriation

I'll make a reference to the title "surveying and reference station system" in the draft...

From: Merriman Hitchman, Linda H - DOT
Sent: Thursday, November 01, 2012 7:48 AM
To: Nooyen, Cindy - DOT
Cc: Richter, Anna - DOT
Subject: FW: Height Mod name on appropriation

Ha ha, we are crossing in the mailwhat would you like to do?

From: Mueller, Eric [<mailto:Eric.Mueller@legis.wisconsin.gov>]
Sent: Wednesday, October 31, 2012 4:32 PM
To: Merriman Hitchman, Linda H - DOT
Subject: RE: Height Mod name on appropriation

Linda,

I've actually already redrafted this one and sent it to editing. I changed the title of the appropriation to "height modernization system" because the name sounded more generic and I wasn't sure that simply removing active from the title would leave an accurate title. Is "height modernization system" okay? Or would you like "surveying reference station system" or another construction? Let me know and I can either do another draft or try to catch the /p2 version before it's issued.

Eric Mueller

Attorney, Legislative Reference Bureau

Phone: (608)261-7032

eric.mueller@legis.wisconsin.gov

From: Merriman Hitchman, Linda H - DOT [<mailto:Linda.MerrimanHitchman@dot.wi.gov>]
Sent: Wednesday, October 31, 2012 4:26 PM
To: Mueller, Eric
Cc: Richter, Anna - DOT; Nooyen, Cindy - DOT
Subject: Height Mod name on appropriation

Hi Eric

In addition to the other notes I sent, for draft 13-0156 could you drop the word "active" in the title of the appropriation. We want to finalize the list of appropriations and we thought that would work since it would be comprehensive of the active and passive systems. Thanks very much.

Linda << File: 13-0156_P1.pdf >>

Linda Merriman Hitchman

Budget and Policy Analyst

Office of Policy, Budget and Finance - Room 132-B

Wisconsin Department of Transportation

4802 Sheboygan Avenue - P.O. Box 7910

Madison, WI 53707-7910

linda.merrimanhitchman@dot.wi.gov **608-266-1585**

Mueller, Eric

From: Merriman Hitchman, Linda H - DOT <Linda.MerrimanHitchman@dot.wi.gov>
Sent: Tuesday, October 30, 2012 4:33 PM
To: Mueller, Eric
Cc: Richter, Anna - DOT
Subject: RE: Draft review: LRB -0156/P1 Topic: Create appropriation for Height Modernization Program.

Thanks. Since we plan to collect fees to provide for maintenance of both the passive and active systems, I assume it is best to reference both in the description.

Linda

From: Mueller, Eric [<mailto:Eric.Mueller@legis.wisconsin.gov>]
Sent: Tuesday, October 30, 2012 4:32 PM
To: Merriman Hitchman, Linda H - DOT
Subject: RE: Draft review: LRB -0156/P1 Topic: Create appropriation for Height Modernization Program.

Linda,

In regards to question 4, it would not be complicated at all to add an additional reference. The language I provided is simply what we used last year – based largely on DOT’s feedback. I just want to be sure I’m not adding or omitting material contrary to DOT’s needs.

Eric Mueller
Attorney, Legislative Reference Bureau
Phone: (608)261-7032
eric.mueller@legis.wisconsin.gov

From: Merriman Hitchman, Linda H - DOT [<mailto:Linda.MerrimanHitchman@dot.wi.gov>]
Sent: Tuesday, October 30, 2012 9:51 AM
To: Richter, Anna - DOT; Mueller, Eric
Subject: RE: Draft review: LRB -0156/P1 Topic: Create appropriation for Height Modernization Program.

Hi Eric

I am the budget analyst working with DTSD on this issue. Please see responses to your questions, below:

1. This draft contains a PR-type appropriation, but since the money comes from the transportation fund, it is categorized as a SEG appropriation. Do you want the fee money from s. 85.63 (2), as created in this draft, to be excluded from the transportation fund? DOA has requested that we create this as a PR appropriation in the General Fund rather than a SEG appropriation from the Transportation Fund.
2. Are you requesting that the fee authorization and appropriation have a delayed effective date? No, just showing that it will not raise money in the first year.
3. Are you requesting a statutory cap on the fee that DOT may charge? No, just giving readers an idea of what we think the fee will be, even though it could change in admin rule process.
4. Does s. 85.63 (1), as created in this draft, need to be altered to make reference to the passive system? I have this question in to Paul Nilsen in our OGC. To be on the safe side, is it complicated to just reference both the passive and active systems as part of the Height Mod Program? Both are necessary to make the system work.

Thank you for your help on this.

Linda

From: Richter, Anna - DOT

Sent: Thursday, October 25, 2012 9:55 AM

To: Merriman Hitchman, Linda H - DOT

Subject: FW: Draft review: LRB -0156/P1 Topic: Create appropriation for Height Modernization Program.

Please review with OGC and DTSD...

From: LRB.Legal [<mailto:LRB-LegalServices@legis.wisconsin.gov>]

Sent: Thursday, October 25, 2012 9:10 AM

To: Richter, Anna - DOT

Subject: Draft review: LRB -0156/P1 Topic: Create appropriation for Height Modernization Program.

Following is the PDF version of draft LRB -0156/P1 and drafter's note.



Stays

PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION

Agency Budget Draft

RMR

In 10/31/12

INSECTS

SAV
KCFMA

don't gen

INS Analysis

1 AN ACT relating to: the budget.

Analysis by the Legislative Reference Bureau

TRANSPORTATION

OTHER TRANSPORTATION

This bill requires DOT to administer an active surveying reference station system (WISCORS) that consists of reference stations that continuously transmit global positioning system data to a system server, and the server that receives and processes the data received from the reference stations. The bill also permits DOT to charge a fee to persons who access WISCORS in an amount to be established by rule. All WISCORS access fees received by DOT are appropriated for WISCORS maintenance and operation costs.

For further information see the state fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

- 2 SECTION 1. 20.395 (3) (jq) of the statutes is created to read:
- 3 20.395 (3) (jq) Active surveying reference station system. All moneys received
- 4 under s. 85.63 (2), for maintenance and operation costs of the reference station
- 5 system under s. 85.63 (1).

(jq) (1) Surveying reference station system from the general fund, all

Surveying reference station system
a project modernization

System

which the system

****NOTE: This SECTION involves a change in an appropriation that must be reflected in the revised schedule in s. 20.005, stats.

SECTION 2. 85.63 of the statutes is created to read:

85.63 ~~(Active)~~ ² **surveying reference station system.** (1) The department

shall administer an active surveying reference station system consisting of reference stations statewide that continuously transmit global positioning system data to a system server, and the server that receives and processes the data received from the reference stations.

(2) The department may charge a fee for providing access to the system under sub. (1) in an amount to be established by rule.

(END)

INS
2-1

1

2

INS
2-3

3

4

5

6

7

8

9

INS
2-8

2013-2014 DRAFTING INSERT
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-0156/P2ins
EVM:eev:rs

1 INS Analysis

2

monuments that are used to generate latitude, longitude, and elevation data;

3

4 INS 2-1

5

6 SECTION 1. 25.40[✓] (1) (a) 30. of the statutes is created to read:

7 25.40 (1) (a) 30. Fees^{MoneyS} received under s. 85.63[✓] (2) that are deposited in the
8 general fund and credited to the appropriation account under s. 20.395[✓] (3) (jg).

9

10 INS 2-3

11

12 a height modernization ^g *surveying reference station* system consisting of all of the following:

13

(a) A passive system consisting of a network of monuments located throughout
14 the state that are used to generate latitude, longitude, and elevation data.

15

(b)

16

17 INS 2-8

18

19 All fees received under this paragraph shall be deposited in the general fund
20 and credited to the appropriation account under s. 20.395[✓] (3) (jg).



PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION

RMR

Converted Agency Draft

In 11/13/12

dot gov

1 AN ACT *f.*; relating to: the budget.

Analysis by the Legislative Reference Bureau

TRANSPORTATION

OTHER TRANSPORTATION

This bill requires DOT to administer a surveying reference station system that consists of monuments that are used to generate latitude, longitude, and elevation data; reference stations that continuously transmit global positioning system data to a system server; and the system server, which receives and processes the data received from the reference stations. The bill also permits DOT to charge a fee to persons who access the system in an amount to be established by rule. All access fees received by DOT are appropriated for system maintenance and operation costs.

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3 20.395 (3) (jg) *Surveying reference station system.* From the general fund, all
4 moneys received under s. 85.63 (2), for maintenance and operation costs of the
5 surveying reference station system under s. 85.63 (1).

Mueller, Eric

From: Hanaman, Cathlene
Sent: Monday, November 12, 2012 3:23 PM
To: Mueller, Eric
Subject: FW: Statutory Language Drafting Request - BB0236

From: Tyler.Byrnes@Wisconsin.gov [<mailto:Tyler.Byrnes@Wisconsin.gov>]
Sent: Monday, November 12, 2012 3:06 PM
To: Hanaman, Cathlene
Cc: Frederick, Caitlin - DOA; Byrnes, Tyler - DOA; Thornton, Scott - DOA
Subject: Statutory Language Drafting Request - BB0236

Biennial Budget: 2013-15

DOA Tracking Code: BB0236

Topic: Program Revenue Funding for the Wisconsin Height Modernization System Maintenance and Upgrade Costs

SBO Team: TLGED

SBO Analyst: Byrnes, Tyler - DOA
Phone: (608) 266-1039
E-mail: Tyler.Byrnes@Wisconsin.gov

Agency Acronym: WisDOT

Agency Number: 395

Priority: Low

Intent:

Please prepare a draft identical to LRB 13-0156, that creates program revenue appropriation to receive payments and fund Height Modernization system.

Attachments: False

Please send completed drafts to statlanguage@wisapps.wi.gov



State of Wisconsin
2013 - 2014 LEGISLATURE



LRB-0156/1
EVM:eev:jm

DOA:.....Byrnes, BB0236 – Create appropriation for Height Modernization Program

FOR 2013-2015 BUDGET – NOT READY FOR INTRODUCTION

1 **AN ACT ...; relating to:** the budget.

Analysis by the Legislative Reference Bureau

TRANSPORTATION

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