AGENDA

I. Call to Order
II. Roll Call
III. Approval of Agenda/Addenda
IV. Approval of Minutes – May 6, 2016
V. Public Participation
VI. Communications
VII. County & Township Motor Fuel Tax Claims – May 2016
VIII. Petition & Resolution for Mahomet Township #16-15032-00-BR
IX. Resolution Appropriating Funds for County Highway 23, Section #14-00438-00-RS
X. Resolution Appropriating Funds for County Highway 18, Section #16-00033-00-BR
XI. Resolution Appropriating Funds for County Highway 18, Section #16-00039-00-BR
XII. Resolution Appropriating Funds for County Highway 16, Section #15-00028-00-BR
XIII. Mack Truck Lease
XIV. Snowplowing Discussion
XV. Other Business
   A. Cancel July Highway Committee Meeting
XVI. Chair’s Report
XVII. Designation of Items to be Placed on the Consent Agenda
XVIII. Adjournment

Champaign County strives to provide an environment welcoming to all persons regardless of disabilities, race, gender, or religion. Please call 217-384-3776 to request special accommodations at least 2 business days in advance.
MINUTES – SUBJECT TO REVIEW AND APPROVAL

DATE: Friday, May 6, 2016
TIME: 9:00 a.m.
PLACE: Highway Building Conference Room
1605 East Main, Urbana, IL

Committee Members
Present: Lorraine Cowart (Chair), Lloyd Carter (Vice Chair), Shana Harrison, John Jay, Jim McGuire, Diane Michaels, Max Mitchell
Absent: Chris Alix

County Staff: Jeff Blue (County Engineer), Rick Snider (County Administrator), Linda Lane (Recording Secretary)

Others Present: Pattsi Petrie (County Board Chair), Gary Maxwell (Board member), Matt Phillips (Mack Trucks)

MINUTES
I. Call to Order
Committee Chair Cowart called the meeting to order at 9:02 a.m.

II. Roll Call
A verbal roll call was taken and a quorum was declared present.

III. Approval of Agenda/Addendum
MOTION by Ms. Michaels to approve the agenda; seconded by Mr. Jay. Upon vote, the Motion Carried unanimously.

Mr. Carter entered the meeting at 9:03 am.

IV. Approval of Minutes – April 8, 2016
MOTION by Mr. Jay to approve the minutes of the April 8, 2016 meeting; seconded by Ms. Harrison. Upon vote, the Motion Carried unanimously.

V. Public Participation
None

VI. Communications
None

VII. County & Township Motor Fuel Tax Claims – April 2016
MOTION by Mr. Carter to receive and place on file the County and Township Motor Fuel Tax Claims for April 2016; seconded by Ms. Harrison. Upon vote, the Motion Carried unanimously.

VIII. Resolution Awarding of Contract for Furnish and Mixed of Bituminous Material for Mahomet Various Roads #16-15000-00-GM
Mr. Blue handed out the resolution and said this bid for furnish and mix of bituminous material was opened May 5. He explained that this did not make it onto the large township letting and Illiana...
Construction was the low bidder at $710 per ton. He noted that bids used to be per gallon, but as of April 1 are per ton, so this averages out to about $3 per gallon.

**MOTION** by Ms. Michaels to approve; seconded by Mr. McGuire. Mr. Maxwell asked how the price compares to the past and how many bidders there were. Mr. Blue said the prices are lower than last year and Illiana was the only bidder. Upon vote, the **Motion Carried unanimously.**

**IX. Resolution Awarding of Contract for the 2016 Pavement Striping**

Mr. Blue handed out the resolution and reported that several companies took a bid packet, but only Varsity Striping placed a bid. He noted that costs are at or below 2015 costs. He also noted that Varsity has worked very well for us in the past. Mr. Blue stated they haven’t bid stripping removal in the past, but did so this year. He explained that when they’ve done their seal coats in the past the oil doesn’t stick to the stripe and are having trouble with the stripe coming back through on the center line. He said they plan to have the stripes removed before they do the seal coats.

Mr. Mitchell entered at 9:10 am.

**MOTION** by Mr. Jay to approve; seconded by Mr. McGuire. Ms. Michaels noted surprise that the bid is lower than last year. Mr. Blue thought it might be because more companies showed interest. Mr. Maxwell thought that Varsity is a minority owned business. Mr. Blue confirmed that it is. Upon vote, the **Motion Carried unanimously.**

**X. Petition & Resolution for Champaign & Tolono Townships #15-03025-00-BR R**

Mr. Blue stated this is for a bridge repair on the township line. He explained the old wooden back wall is failing and the road is starting to collapse behind the bridge. He noted the County will pay half of the $80,000 total cost.

**MOTION** by Mr. Jay to approve; seconded by Mr. Carter. Upon vote, the **Motion Carried unanimously.**

**XI. Petition & Resolution for Hensley Township #16-12037-00-BR**

Mr. Blue said this bridge has scouring happening and needs riprap placement. He estimates the cost at $8,400, half of which the County will pay.

**MOTION** by Ms. Michaels to approve; seconded by Mr. Jay. Ms. Michaels commented it seems they are replacing a lot of bridges every year and wanted to know if they were part of a normal schedule. Mr. Blue replied that these are minor repairs and come as needed. He stated that annual inspections are also causing some of them to be done. He said that some have been ongoing for a while and the townships finally have the funds to take care of them. Mr. Blue confirmed they normally do six to ten bridge replacements each year. He said with the number of bridges in the system, that is the number they need to do to keep up with the cycle between Township and County. Ms. Cowart wanted to know if because of the small amount the Township tried to get the County to pay 100% of the costs. Mr. Blue replied that by State statute the cost is split 50/50 between the County and Township. Upon vote, the **Motion Carried unanimously.**

**XII. Petition & Resolution for Mahomet Township #16-15036-00-BR**

Mr. Blue explained that they want to get rid of an awkward sweeping curve in the road, and replace the existing 8’x2-½’ culvert with an 8’x4’ box culvert. He said the estimated cost is $50,000 and the petition is for 50% from the County.

**MOTION** by Mr. Jay to approve; seconded by Mr. Carter. Upon vote, the **Motion Carried unanimously.**

**XIII. Petition & Resolution for Sidney Township #16-24038-00-BR**

Mr. Blue noted this is a 2’x1½’ box culvert that is to be replaced with a 4‘x2’ box culvert. He said the County will pay 50% of the $10,000 estimated cost.

**MOTION** by Ms. Michaels to approve; seconded by Mr. Jay. Upon vote, the **Motion Carried unanimously.**
XIV. Truck Purchase Approval

Mr. Blue handed out several proposal options for the purchase of four new Mack Trucks. He noted that Matt Phillips from Mack is present to answer any questions. He said that since the new EPA emissions came out they've had to redo their truck engines to better emission control. Mr. Blue explained that the emissions correction that International came out with isn't working. He commented that International always had the State bids, so we always got the Internationals. He noted these trucks spend a lot of time in the shop. He said there isn't much cost now because they are under warranty, but they aren't on the road working. He said there doesn't seem to be a fix from International. Mr. Blue reminded everyone that the County purchased a Mack last year. He stated he asked Mack for lease-to-purchase options to replace all four International trucks and received 3-year, 4-year, and 5-year options. He noted that all of the stainless steel equipment purchased for the Internationals can be transferred to the Macks. Mr. Blue said that Mack was holding the bid price for our previous truck for a new 2017 model. He said Highway has a $300,000 equipment budget every that they use to purchase one truck each year. He stated they are usually able to keep the trucks for 10 years with the stainless equipment. Mr. Blue referred to the 4-year fixed interest rate at 2.9% with the $100,000 buyout on the four trucks at the end of the year. He said that is a steady flow out of the equipment budget with $103,000 coming out now, $103,000 per year on the next three payments, and $100,000 to pay off at the end. Mr. Blue pointed out that the total cost of ownership per truck is $128,200 on a $121,600 truck. Mr. Blue stated they could limp along with the Internationals, but it costs $750 for every tow, the truck sits in the shop for days, and once they get it back it's not very long before it happens again.

MOTION by Mr. Jay to approve; seconded by Mr. Carter. Mr. Jay commented that his experience with Mack has been very good, but they don’t have the heavy use that the Townships and County do. He felt that four at once is a little hard, but thought it would be good to get rid of the Internationals. Mr. Blue noted that Mack has basically a five-year bumper-to-bumper warranty on these trucks.

Mr. McGuire asked the cost to fix the Internationals. Mr. Blue deferred to Mr. Phillips. MOTION by Ms. Michaels to suspend the rules to allow Mr. Phillips to speak; seconded by Jay. Upon vote, the Motion Carried unanimously. Mr. Phillips explained the EGR cooler is very sensitive and fails regularly, and the best-case scenario is about $5,000 per failure. He said the worst-case would be it causes significant damage to the engine, which can be $16,000-$20,000 in repairs. Mr. Blue said they just had one that dumped the coolant into the engine. Mr. McGuire asked how many time per year they have issues. Mr. Blue replied at least a couple time per year per truck. He said that up to now, the repairs have been mostly warranty work, but they are out of warranty now or reaching the end of the warranty. Mr. McGuire asked how much the cost is per year for the four trucks. Mr. Blue responded $103,000 for four years with a $100,000 buyout at the end.

Ms. Michaels noted that several of the options have balloon payments. She asked if the financing would be through Mack. Mr. Blue answered it would. Ms. Michaels wondered if they should amortize it over the five years so they don’t have a balloon payment at the end. Mr. Phillips said the balloon payment residual can be determined by the County and noted how they set the buyout will set the payments and interest over the term. Ms. Michaels said if they amortized truly over five years and paid more than minimum premium it would hit principal first and pay less interest. Mr. Phillips replied not in this case because it’s a lease. Ms. Michaels asked if the County would own the trucks after the lease. Mr. Blue said if they pay the $100,000 buyout the County would own them. He said he is proposing Option 2, liking the four-year payment with the five-year warranty.

Ms. Harrison commented that there are several class-action lawsuits against International and wondered if the County could get into any of those to recoup some losses. Mr. Blue replied they can try to get into those.

Mr. Mitchell asked if they could stagger to incrementally phase in. He also asked what the cost is for a 10-year warranty. Mr. Phillips said Mack won’t go past five years, which is the industry standard. Mr. Mitchell asked about a third party warranty. Mr. Phillips suggested being very selective if they did that.
Mr. Mitchell thinks staggering is good so in one year there won’t be a huge cash drain. Mr. Blue replied that is why he chose Option 2, which has equal payments. **MOTION** by Mr. McGuire to amend motion to accept Option 2; seconded by Ms. Michaels.

Mr. Maxwell asked if it would be better to go to a local bank for financing options and if it’s tax-free interest. He said in California they need to be able to document idling time, wanted to know if that was coming to Illinois, and will they be able to add this feature to the trucks. Mr. Phillips said it could come to Illinois but that he hasn’t heard it will be in the near future. He noted that engines in the Mack are clean certified and the emissions are so low they are an exception to the no idling rule. He said the trucks can be programmed for idling time. Mr. Snider said he didn’t know if the County had GPS tracking on all the fleet. Mr. Blue replied it is on all their equipment. Mr. Snider wanted to know if they have connections to the OBD2 or engine computers. Mr. Blue answered yes. Mr. Snider said many of the systems now have the ability to monitor idle time. Mr. Blue said they can do that.

Discussion continued regarding financing and payment options. Mr. Mitchell suggested Mr. Blue look at trading one truck at seven years old, another at eight years old, etc. so they don’t have to get four trucks at one time again. Mr. Blue agreed. Mr. Mitchell said Mr. Blue should pick his option and have two or three alternatives so the Board is looking at a lease purchase and two direct purchase financing options. 

Upon vote, the **Motion Carried unanimously.** **MOTION** by Ms. Michaels to further investigate financing and the purchase of the equipment from Mack for four trucks for $486,396; seconded by Mr. Carter. 

Upon vote, the **Motion Carried.**

**X. Other Business**

Mr. Blue gave a quick update on the Lincoln Avenue right-of-way. He said the County did everything they were supposed to, but there is one property with a very high mortgage and the City did not feel comfortable certifying the purchase of the right-of-way without getting partial releases from the mortgage company. He said because of that won’t be on the June IDOT letting. He pointed out that the MCORE project will be on the letting in July and felt it’s not in the County’s best interest to go up against that. He said likely they would bid it in the fall for beginning construction 2017. He felt the project could be completed in one construction season. Mr. Maxwell commented that it can be difficult to deal with farmer’s mortgages when trying to get a partial release and said the mortgage should show up in the title. Mr. Blue said they have to do a title commitment right before they buy the property and these showed up in the title commitment.

Ms. Michaels asked for an update on Maplewood. Mr. Blue replied that they are working on it, and are on schedule for completion. He noted that there will be one owner who will not be happy with the placement of the driveway, but they have to put the guardrails on.

**XVI. Chair’s Report**

Ms. Cowart reminded everyone that the next meeting is June 3, 2016 at 9:00 am.

**XVII. Designation of Items to be Placed on Consent Agenda**

Ms. Cowart stated that items VIII, IX, X, XI, XII, and XIII are to be placed on the consent agenda.

**XVIII. Adjournment**

**MOTION** to adjourn by Mr. Jay; seconded by Ms. Harrison. There being no further business, Ms. Cowart adjourned the meeting at 10:10 am.

**Please note the minutes reflect the order of the agenda and may not necessarily reflect the order of business conducted at the meeting.**
CHAMPAIGN COUNTY HIGHWAY DEPARTMENT

JEFF BLUE
COUNTY ENGINEER

1605 E. MAIN STREET (217) 384-3800 URBANA, ILLINOIS 61802
FAX (217) 328-5148

June 3, 2016

COUNTY MOTOR FUEL TAX CLAIMS FOR MAY

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<td>Blue, Jeff</td>
<td>NACA conf. travel expenses 4/24–4/28/2016</td>
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<td>City of Urbana</td>
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<td>Jeff Blue</td>
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<td>City of Urbana</td>
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**$14,942.07**

TOWNSHIP MOTOR FUEL TAX CLAIMS MAY

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**$28,818.44**
PETITION

Petitioner, Chris Doenitz, hereby requests an appropriation of funds from the Champaign County Bridge Fund pursuant to 605 ILCS 5/5-501. In support of this petition, Petitioner states the following:

1. Petitioner is the duly elected Highway Commissioner for the Mahomet Road District, Champaign County, Illinois; and

2. There is a bridge located in Sections 17, which is in poor condition and is inadequate to serve the needs of the traveling public; and

3. To ensure the adequacy of said structure for the traveling public, it is necessary that the superstructure of the bridge be replaced; and

4. The cost of replacing the aforesaid superstructure is estimated to be $250,000.00, which will be more than .02% of the value of all the taxable property in the Mahomet Road District, as equalized or assessed by the Department of Revenue; and

5. The tax rate for road purposes in the Mahomet Road District was in each year for the last two (2) years not less than the maximum allowable rate provided for in Section 6-501 of the Illinois Highway Code (605 ILCS 5/6-501); and

6. The Mahomet Road District is prepared to pay 10% of the construction cost and 50% of the engineering costs associated with the replacement of said superstructure.

Respectfully submitted,

Chris Doenitz
Commissioner of Highways of Mahomet Road District,
Champaign County, Illinois
RESOLUTION NO.

PETITION REQUESTING AND RESOLUTION APPROVING
APPROPRIATION OF FUNDS FROM THE COUNTY BRIDGE FUND
PURSUANT TO 605 ILCS 5/5-501

WHEREAS, the County Board finds that based on the representations in the attached Petition, it is required pursuant to 605 ILCS 5/5-501 to provide the requested aid.

NOW, THEREFORE, BE IT RESOLVED by the County Board of Champaign County as follows:

1. The County Board hereby appropriates from the County Bridge Fund a sufficient sum to meet 50% of the cost of engineering and 10% of the cost of construction to replace the aforesaid the structure.

2. The County Board hereby directs the County Engineer to cause plans and specifications to be prepared for said improvement.

3. The County Board hereby orders that said improvement be made under the general supervision of the County Engineer, either by the letting of a contract or by the County Highway Department doing the work.

4. The County Board hereby directs the County Engineer to certify to the County Board when the work has been satisfactorily completed to meet his or her approval. Such certificate shall include an itemized account of the cost of all items of work incurred in the completion of said improvement, and shall show the division of cost between the County and the Mahomet Road District.

5. The County Board further directs the County Engineer to file said certificate with the clerk of the Mahomet Road District.

6. This Resolution shall become effective upon its adoption.

PRESENTED, ADOPTED, APPROVED and RECORDED this 23rd day of June, 2016.

______________________________
Pattsi Petrie, Chair
County Board
Champaign County, Illinois

ATTEST:

Gordy Hulten, County Clerk
and ex-officio Clerk of the
Champaign County Board
Mahomet Township

Sec No. 16-15032-00-BR

Superstructure Replacement
RESOLUTION NO. ________

RESOLUTION APPROPRIATING $60,000.00 FROM COUNTY HIGHWAY FUNDS FOR ENGINEERING SERVICES RELATED TO THE CONSTRUCTION OF THE DEWEY-ELLIOTT RD COUNTY HIGHWAY 23 SECTION #14-00438-00-RS

WHEREAS, Champaign County has performed the survey work for the preliminary design on the above referenced section; and

WHEREAS, In order to expedite the design work and have plans ready to construct the project in 2017 Champaign County is desirous to hire outside help to complete the preliminary design; and

NOW, THEREFORE BE IT RESOLVED, that there is hereby appropriated the sum of Sixty Thousand Dollars ($60,000.00) from the County Highway Fund for engineering on the above mentioned section.

PRESENTED, ADOPTED, APPROVED and RECORDED this 23rd day of June, A.D., 2016.

Pattsi Petrie, Chair
County Board of the County of Champaign, Illinois

ATTEST: ____________________________

Gordy Hulten, County Clerk and Ex-Officio Clerk of the County Board

Prepared by: Jeff Blue
County Engineer
RESOLUTION NO. _________

RESOLUTION APPROPRIATING $100,000 FROM COUNTY BRIDGE FUNDS FOR PRELIMINARY ENGINEERING FOR STRUCTURE #010-4127 ON COUNTY HIGHWAY #18 SECTION #16-00033-00-BR

WHEREAS, Structure #010-4127 on County Highway 18 located between Sections 7 & 18 Tolono Township is in need of replacement; and

WHEREAS, To insure the safety of the traveling public, it is necessary that said bridge be replaced; and

WHEREAS, In order to develop plans for the bridge replacement a preliminary engineering agreement will need to be executed; and

WHEREAS, The Highway and Transportation Committee recommends that funds be appropriated from the County Bridge Fund for preliminary engineering; and

WHEREAS, The County Board of Champaign County concurs in the action recommended by the Committee;

NOW, THEREFORE, BE IT RESOLVED, That there is hereby appropriated the sum of One Hundred Thousand Dollars ($100,000.00) from County Bridge Funds for preliminary engineering services related to this bridge replacement.

PRESENTED, ADOPTED, APPROVED and RECORDED this 23rd day of June A.D., 2016.

Pattsi Petrie, Chair
County Board of the County of Champaign, Illinois

ATTEST:________________________
Gordy Hulten, County Clerk and
Ex-Officio Clerk of the County Board

Prepared by: Jeff Blue
County Engineer
RESOLUTION NO. _______

RESOLUTION APPROPRIATING $100,000 FROM COUNTY BRIDGE FUNDS FOR PRELIMINARY ENGINEERING FOR STRUCTURE #010-0125 ON COUNTY HIGHWAY #18 SECTION #16-00039-00-BR

WHEREAS, Structure #010-0125 on County Highway 18 located between Sections 10 & 15 Colfax Township is in need of replacement; and

WHEREAS, To insure the safety of the traveling public, it is necessary that said bridge be replaced; and

WHEREAS, In order to develop plans for the bridge replacement a preliminary engineering agreement will need to be executed; and

WHEREAS, The Highway and Transportation Committee recommends that funds be appropriated from the County Bridge Fund for preliminary engineering; and

WHEREAS, The County Board of Champaign County concurs in the action recommended by the Committee;

NOW, THEREFORE, BE IT RESOLVED, That there is hereby appropriated the sum of One Hundred Thousand Dollars ($100,000.00) from County Bridge Funds for preliminary engineering services related to this bridge replacement.

PRESENTED, ADOPTED, APPROVED and RECORDED this 23rd day of June A.D., 2016.

Pattsi Petrie, Chair
County Board of the County of Champaign, Illinois

ATTEST:
Gordy Hulten, County Clerk and Ex-Officio Clerk of the County Board

Prepared by: Jeff Blue
County Engineer
Champaign County Bridge No 010-4578
Exist. Bridge No. 010-0125
Sec. 16-00039-00-BR
Co.Hwy 18 (FAS 531) (West of TR 44)
Section 10 / 15, Colfax Township
East Lake Fork

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RESOLUTION NO. _________

RESOLUTION APPROPRIATING $150,000 FROM COUNTY BRIDGE FUNDS FOR PRELIMINARY ENGINEERING FOR STRUCTURE #010-0251 ON COUNTY HIGHWAY #16 SECTION #15-00028-00-BR

WHEREAS, Structure #010-0251 on County Highway 16 located between Sections 15 & 22 in Crittenden Township is in need of replacement; and

WHEREAS, To insure the safety of the traveling public, it is necessary that said bridge be replaced; and

WHEREAS, In order to develop plans for the bridge replacement a preliminary engineering agreement will need to be executed; and

WHEREAS, The Highway and Transportation Committee recommends that funds be appropriated from the County Bridge Fund for preliminary engineering; and

WHEREAS, The County Board of Champaign County concurs in the action recommended by the Committee;

NOW, THEREFORE, BE IT RESOLVED, That there is hereby appropriated the sum of One Hundred Fifty Thousand Dollars ($150,000.00) from County Bridge Funds for preliminary engineering services related to this bridge replacement.

PRESENTED, ADOPTED, APPROVED and RECORDED this 23rd day of June A.D., 2016.

Pattsi Petrie, Chair
County Board of the County of Champaign, Illinois

ATTEST:
Gordy Hulten, County Clerk and Ex-Officio Clerk of the County Board

Prepared by: Jeff Blue
County Engineer