



Donelson, Fran <fdonelson@muscatineiowa.gov>

2015 Street Projects

1 message

Hill, Randy <rhill@muscatineiowa.gov>

Wed, Jun 10, 2015 at 9:18 AM

To: Gregg Mandsager <gmandsager@muscatineiowa.gov>

Cc: Fran Donelson <fdonelson@muscatineiowa.gov>, Jim Edgmond <jamesedgmondpe@machlink.com>, Nancy Lueck <nlueck@muscatineiowa.gov>, Randy Howell <rhowell@muscatineiowa.gov>

Gregg — I am recommending the City address two areas for street improvement projects for the 2015 construction season.

I. Asphalt Overlay Program

The City received three bids for overlay work this summer. The low bid is \$556,170.80 with a \$8,100 deduct for using recycled asphalt (standard procedure for the city) resulting in a final bid price of \$548,070.80. Roads to be overlaid include portions of Lucas Street, E. 3rd, Mulberry, Stone and Logan. We will also participate with the School District and their contractor in cost sharing for an overlay of E. 9th St. between Mulberry & Cedar.

I intend to take the Asphalt Overlay bids to the City Council at the June 18th meeting for a contract award.

II. Diana Queen Drive Construction

A gap exists between Diana Queen Drive and Steamboat Way (see attached). We suggest the City complete this section of roadway for the following reasons:

1. When the Mulberry Reconstruction Project begins in 2016, a detour will be required for residents in the area. A temporary rock road can be constructed. Estimated costs for this are between \$30K - \$40K. That temporary road will be removed after Mulberry is opened.
2. A completed road network to Mulberry makes the attraction of residential development more desirable as it expands towards Tipton Road.
3. One area of the city's 2015 sidewalk expansion program is the extension of walks along Steamboat Way and Diana Queen Drive terminating at the road closures. A feature of the Mulberry Reconstruction Project is new sidewalks along Mulberry on both sides of the road and down Baton Rouge to connect to existing walks. The new Diana Queen Dr./Steamboat Way connection will include sidewalks. If this happens the entire area (neighborhoods) will be networked with sidewalks - complimenting the Blue Zone initiatives and the Wellmark Grant funding.
4. Public Safety is enhanced because emergency responders will have route accesses unavailable to them now. This is especially important during the Mulberry Reconstruction Project.
5. Roadway Maintenance staff can more efficiently clear snow during storms in the wintertime. Currently they push the snow to the end of the road closures and then have to back out (no turn arounds for them to use). To maintain an uninterrupted continuity during plowing operations saves time.

It is estimated the cost for the reconstruction is approximately \$350K. We can get a better cost estimate once the preliminary design work is completed. We have received a proposal from Martin-Whitacre for the design to include design engineering costs and sidewalks.

Finance Director Nancy Lueck will provide a Fund Statement report. The balances support both the Asphalt Overlay Program and the Diana Queen Drive Construction Project. We will not be recommending any substantial full-depth patching projects for this year (i.e. Cleveland).

If Council approves the recommendation I propose the following schedule:

June 18th — Resolution Setting a Public Hearing

July 2nd — Public Hearing and Resolution Approving Plans etc. and Bid Date

August 6th — Resolution Awarding the Contract

August 20th — Resolution Approving the Contract and Bond

We would expect construction to begin shortly after the August 20th meeting with substantial completion by the end of October. This is not complicated construction and should be easily built within a 6 - 8 week time frame and well in advance of next year's Mulberry Project.

If you have any questions, please contact me.



Diana Queen Drive Map.pdf

245K



This map is a print product of the City of Muscatine Information Viewer. All data is displayed in Iowa State Plane South Coordinate System.

Copyright: MAGIC (Muscatine Area Geographic Information Consortium)

City Print

Author: City
Date: 5/22/2015

Road Use Tax Fund

Fund Statement

	<u>Actual 2012/2013</u>	<u>Actual 2013/2014</u>	<u>Budget 2014/2015</u>	<u>Revised Estimate 2014/2015</u>	<u>Updated Revised Estimate 2014/2015</u>	<u>Budget 2015/2016</u>	<u>Proposed Updated Budget Est. 2015/2016</u>
Beginning Balance, July 1	\$ 840,143	\$ 892,055	\$ 808,655	\$ 1,035,737	\$ 1,035,737	\$ 410,737	\$ 599,637
Revenues							
Road Use Tax	\$ 2,254,220	\$ 2,405,457	\$ 2,310,400	\$ 2,334,300	\$ 2,473,200 (1)	\$ 2,358,100	\$ 2,774,800 (1)
Funds Available	\$ 3,094,363	\$ 3,297,512	\$ 3,119,055	\$ 3,370,037	\$ 3,508,937	\$ 2,768,837	\$ 3,374,437
Expenditures							
Transfers Out:							
General Fund	\$ 1,740,137	\$ 2,261,775	\$ 2,251,700	\$ 2,459,300	\$ 2,459,300	\$ 2,432,600	\$ 2,432,600
Harrison Street	462,171	0	0	0	0	0	0
Cedar Street Improvements	0	0	450,000	450,000	450,000	0	0
New Sidewalk Program	0	0	50,000	50,000	0 (2)	50,000	100,000 (2)
Asphalt Overlay Program (Transferred from Local Option)	0	0	0	0	0	0	550,000 (3)
Total Expenditures	\$ 2,202,308	\$ 2,261,775	\$ 2,751,700	\$ 2,959,300	\$ 2,909,300	\$ 2,482,600	\$ 3,082,600
Ending Balance, June 30	\$ 892,055	\$ 1,035,737	\$ 367,355	\$ 410,737	\$ 599,637	\$ 286,237	\$ 291,837
						Need Minimum of approx. \$300,000	
Increase (Decrease) in Fund Balance	\$ 51,912	\$ 143,682	\$ (441,300)	\$ (625,000)	\$ (436,100)	\$ (124,500)	\$ (307,800)
Per Capita Road Use Taxes (Actual and Estimated)	\$ 96.69	\$ 100.99	\$ 97.00	\$ 98.00	\$ 103.83 (1)	\$ 99.00	\$ 116.50 (1)

1. The State increased the gasoline tax by \$.10 per gallon effective March 1, 2015. This is projected to increase City of Muscatine Road Use Tax revenue by \$416,700 annually. The updated Revised Estimate revenues have been increased by \$138,900 (1/3 of the annual estimated increase) and the Updated Budget 2015/2016 revenue has been increased by \$416,700.
2. The Road Use Tax Revised Estimate allocation for new sidewalks has been moved to FY 2015/2016.
3. The Asphalt Overlay Program for calendar year 2015 is proposed to be funded from the increased Road Use Taxes from the gas tax increase. This will allow for the Pavement Management portion of the Local Option Tax to be used for other street projects.

Local Option Sales Tax Fund

Pavement Management Allocation (20%)

Fund Statement

	<u>Actual 2012/2013</u>	<u>Actual 2013/2014</u>	<u>Budget 2014/2015</u>	<u>Revised Estimate 2014/2015</u>	<u>Updated Revised Estimate 2014/2015</u>	<u>Budget 2015/2016</u>	<u>Proposed Updated Budget Est. 2015/2016</u>
Beginning Balance, July 1	\$ 270,103	\$ 684,442	\$ 706,814	\$ 723,295	\$ 723,295	\$ 399,235	\$ 394,235
Revenues							
Transfers In:							
Local Option Sales Tax	\$ 504,932	\$ 535,470	\$ 511,740	\$ 559,240	\$ 559,240	\$ 524,580	\$ 524,580
Interest	375	674	300	700	700	700	700
Total Revenues	\$ 505,307	\$ 536,144	\$ 512,040	\$ 559,940	\$ 559,940	\$ 525,280	\$ 525,280
Funds Available	\$ 775,410	\$ 1,220,586	\$ 1,218,854	\$ 1,283,235	\$ 1,283,235	\$ 924,515	\$ 919,515
Expenditures							
Transfers Out:							
Pavement Management (Curb and (Gutter, Full Depth Patch, Crack Sealing, and Resurfacing)	\$ 35,075	\$ 473,222	\$ 500,000	\$ 589,000	\$ 589,000	\$ 500,000	\$ 0 (1)
Proposed Diana Queen Drive Improvements	0	0	0	0	0	0	350,000 (3)
Additional Pavement Management Projects	0	0	0	0	0	0	To be det. (4)
Highway 38/61 Connector Study	\$ 28,774	0	0	0	5,000 (2)	0	0
Railroad Crossing Improvements	27,119	24,069	35,000	0	0	35,000	35,000
Cedar Street Supplemental Funding	0	0	50,000	145,000	145,000	0	To be det. (4)
Colorado Street Supplemental Funding	0	0	50,000	150,000	150,000	0	To be det. (4)
Total Expenditures	\$ 90,968	\$ 497,291	\$ 635,000	\$ 884,000	\$ 889,000	\$ 535,000	\$ 385,000
Ending Balance, June 30	\$ 684,442	\$ 723,295	\$ 583,854	\$ 399,235	\$ 394,235	\$ 389,515	\$ 534,515 (4)
Increase (Decrease) in Fund Balance	\$ 414,339	\$ 38,853	\$ (122,960)	\$ (324,060)	\$ (329,060)	\$ (9,720)	\$ 140,280

1. It is proposed that the 2015/2016 Pavement Management projects be funded from the increased Road Use Tax funds.
2. Final invoice for the Highway 38/61 Connector Study added to the Revised Estimate.
3. It is proposed that Diana Queen Drive paving improvements be added to the 2015/2016 budget with funding from the Pavement Management portion of the Local Option Tax.
4. Final costs are expected to be determined for the Cedar and Colorado Street projects this summer. If final costs exceed the budget estimates, the Local Option fund balance should be sufficient to fund any additional costs. If additional funding is not needed for those projects, the City can consider doing additional pavement management projects in 2015/2016.