



Resolution for Maintenance Under the Illinois Highway Code



Resolution Number: 2021-01, Resolution Type: Original, Section Number: 21-00000-00-GM

BE IT RESOLVED, by the Board of the County of Franklin County, Illinois that there is hereby appropriated the sum of Nine Hundred and Seventy Seven Thousand Dollars (\$977,000.00)

of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from 01/01/21 to 12/31/21.

BE IT FURTHER RESOLVED, that only those operations as listed and described on the approved Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that County of Franklin County shall submit within three months after the end of the maintenance period as stated above, to the Department of Transportation, on forms available from the Department, a certified statement showing expenditures and the balances remaining in the funds authorized for expenditure by the Department under this appropriation, and

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Greg Woolard, Clerk in and for said County of Franklin County, in the State of Illinois, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the

Board of Franklin County at a meeting held on 01/19/21.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19th day of January, 2021.

(SEAL)

Clerk Signature: Amy Marshall

APPROVED

Regional Engineer Department of Transportation

Date

Regional Engineer signature box and empty date box



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Franklin County Highway	Franklin	21-00000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Road Repairs:								
Use for BAM	IV		CA 10 Stockpiled	Ton	10,000	\$10.00	\$100,000.00	\$100,000.00
Use for Cold Patch	IV		CA16 Stockpiled	Ton	1,000	\$12.00	\$12,000.00	\$12,000.00
BAM and Cold Patch	IV		HFE 300	Gal	80,000	\$2.30	\$184,000.00	\$184,000.00
Bituminous Materials Liquid Asphalt A-1 Reseal	IV		HFE 90/HFE 150/RS-2 43,500 SY @ 0.23 SY/Gal	Gal	10,000	\$2.00	\$20,000.00	\$20,000.00
Bituminous Materials Liquid Asphalt A-1 Reseal	IV		HFP Applied	Gal	40,000	\$2.50	\$100,000.00	\$100,000.00
Seal Coat Aggregate	IV		CA 16 Stockpiled	Ton	3,000	\$12.00	\$36,000.00	\$36,000.00
Additional Materials to be Purchased with Other Funds:								
	IV		CA 10 Stockpiled	Ton	10,000	\$10.00	\$100,000.00	\$100,000.00
	IV		CA16 Stockpiled	Ton	2,000	\$12.00	\$24,000.00	\$24,000.00
	IV		HFE 90/HFE 150/RS-2	Gal	15,000	\$2.00	\$30,000.00	\$30,000.00
	IV		HFE 300	Gal	150,000	\$2.30	\$345,000.00	\$345,000.00
	IV		HFE 90/HFE 150/RS-2 Applied	Gal	10,000	\$2.15	\$21,500.00	\$21,500.00
	IV		HFP Applied	Gal	10,000	\$2.50	\$25,000.00	\$25,000.00
Total Operation Cost								\$997,500.00

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Franklin County Highway	Franklin	21-00000-00-GM	01/01/21	12/31/21

Estimate of Maintenance Costs Summary

	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Maintenance				
Local Public Agency Labor	\$525,000.00			\$525,000.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$452,000.00		\$545,500.00	\$997,500.00
Maintenance Total	\$977,000.00		\$545,500.00	\$1,522,500.00

Estimated Maintenance Eng Costs Summary

	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Maintenance Engineering				
Preliminary Engineering				
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total				

Total Estimated Maintenance	\$977,000.00		\$545,500.00	\$1,522,500.00
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Remarks

SUBMITTED

Local Public Agency Official	Date

Title

County Engineer/Superintendent of Highways	Date
	1/29/21

APPROVED

Regional Engineer Department of Transportation	Date
OH	2-9-21



Illinois Department of Transportation

Division of Highways / Region 5 / District 9
P.O. Box 100 / Carbondale, Illinois / 62903-0100
Telephone 618/549-2171

February 4, 2021

Franklin County
Section: 21-00000-00-GM/21-XX000-00-GM

Greg Woolard
Franklin County Clerk
PO Box 607
Benton, IL 62812

FILED
FEB 22 2021

FRANKLIN CO. CLERK

Dear Mr. Woolard,

The resolution adopted by the members of the County Board Appropriating \$977,000.00 of motor fuel tax funds for maintenance from January 1, 2021 to December 31, 2021, was approved today.

The estimate of maintenance costs in the amount of \$977,000.00 was also approved today, and the county's file copy is being returned to your County Engineer.

Expenditure of motor fuel tax funds in the amount of \$977,000.00 for maintenance is hereby authorized and will so be indicated on your next month's report of allotment and transactions.

Very truly yours,

Keith Roberts, P.E.
Acting Region Five Engineer

A handwritten signature in cursive script, appearing to read "Doug Helfrich".

By: Doug Helfrich
Acting Project Implementation Engineer

GDS:aln
cc: Joel Zurliene
Mike Rolla, County Engineer



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type: Original

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Barren Township	Franklin	21-01000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE/RS-2 Jobsite	Gal	18,000	\$2.10	\$37,800.00	\$37,800.00
Seal Coat	IV		CA-16 Stockpiled	Ton	1,800	\$11.00	\$19,800.00	\$19,800.00
Repairs	IV		CA6/10 Stockpiled	Ton	0	\$10.50	\$0.00	\$0.00
	IV		BAM Applied To Roads	Ton	650	\$38.00	\$24,700.00	\$24,700.00
	IV		Cold Mix Applied To Roads	Ton	100	\$48.00	\$4,800.00	\$4,800.00
Total Operation Cost								\$87,100.00

Estimate of Maintenance Costs Summary

	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Maintenance				
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$47,460.58	\$39,639.42		\$87,100.00
Maintenance Total	\$47,460.58	\$39,639.42		\$87,100.00

Estimated Maintenance Eng Costs Summary

	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Maintenance Engineering				
Preliminary Engineering	\$1,423.82	\$1,189.18		\$2,613.00
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$1,423.82	\$1,189.18		\$2,613.00
Total Estimated Maintenance	\$48,884.40	\$40,828.60		\$89,713.00


Remarks

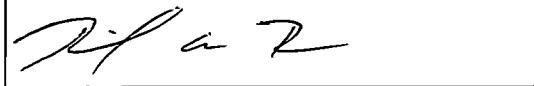
Estimate of Maintenance Costs

Submittal Type Original

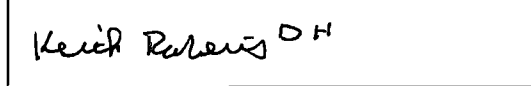
Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Barren Township	Franklin	21-01000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official 	Date 1-25-2021
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Title Barren Township Road Commission	County Engineer/Superintendent of Highways 	Date 1/25/2021
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APPROVED

Regional Engineer Department of Transportation 	Date 2-9-21
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Estimate of Maintenance Costs

Submittal Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Benton Township	Franklin	21-02000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFP Jobsite	Gal	35,000	\$2.50	\$87,500.00	\$87,500.00
Seal Coat	IV		CA-16 Stockpiled	Ton	1,500	\$12.00	\$18,000.00	\$18,000.00
Repairs	IV		CA 6/10 Stockpiled	Ton	1,000	\$10.25	\$10,250.00	\$10,250.00
	IV		BAM Applied To Roads	Ton	1,350	\$38.00	\$51,300.00	\$51,300.00
	IV		Cold Mix Applied To Roads	Ton	700	\$48.00	\$33,600.00	\$33,600.00
Additional Materials To Be Purchased	IV		CA 6/10 Stockpiled	Ton	300	\$10.25	\$3,075.00	\$3,075.00
With Other Funds	IV		CA 16 Stockpiled	Ton	300	\$12.00	\$3,600.00	\$3,600.00
	IV		RS-2 Jobsite	Gal	4,000	\$2.10	\$8,400.00	\$8,400.00
Total Operation Cost								\$215,725.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$103,800.43	\$96,849.57	\$15,075.00	\$215,725.00
Maintenance Total	\$103,800.43	\$96,849.57	\$15,075.00	\$215,725.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,114.01	\$2,905.49		\$6,019.50
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,114.01	\$2,905.49		\$6,019.50
Total Estimated Maintenance	\$106,914.44	\$99,755.06	\$15,075.00	\$221,744.50

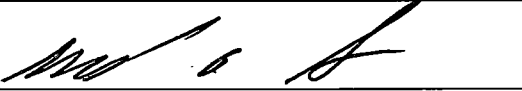
Remarks


Estimate of Maintenance Costs

Submittal Type **Original**

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Benton Township	Franklin	21-02000-00-GM	01/01/21	12/31/21

SUBMITTED


Local Public Agency Official	Date
	1-29-21

Title


County Engineer/Superintendent of Highways	Date
Benton Twp Hwy Engr	1/29/21

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APPROVED

Regional Engineer Department of Transportation	Date
 Keith Roberts ^{DN}	2-9-21



Estimate of Maintenance Costs

Submittal Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Browning Township	Franklin	21-03000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	6,000	\$2.10	\$12,600.00	\$12,600.00
			HFP Jobsite	Gal	27,000	\$2.50	\$67,500.00	\$67,500.00
Seal Coat	IV		CA-16 Stockpiled	Ton	1,400	\$12.00	\$16,800.00	\$16,800.00
Repairs	IV		CA 6/10 Stockpiled	Ton	600	\$10.25	\$6,150.00	\$6,150.00
	IV		BAM Applied To Roads	Ton	1,500	\$38.00	\$57,000.00	\$57,000.00
	IV		Cold Mix Applied To Roads	Ton	225	\$48.00	\$10,800.00	\$10,800.00
Additional Materials To Be Purchased	IV		CA 6/10 Stockpiled	Ton	0	\$10.25	\$0.00	\$0.00
With Other Funds	IV		HFE 150/RS-2 Jobsite	Gal	0	\$2.10	\$0.00	\$0.00
Total Operation Cost								\$170,850.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$89,667.51	\$81,182.49		\$170,850.00
Maintenance Total	\$89,667.51	\$81,182.49		\$170,850.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$2,690.03	\$2,435.47		\$5,125.50
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$2,690.03	\$2,435.47		\$5,125.50
Total Estimated Maintenance	\$92,357.54	\$83,617.96		\$175,975.50

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Browning Township	Franklin	21-03000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official	Date
<i>Tony Lewis</i>	<i>1/29/21</i>

Title
Browning Twp. Rd. Com.

County Engineer/Superintendent of Highways	Date
<i>[Signature]</i>	<i>1/29/21</i>

APPROVED

Regional Engineer Department of Transportation	Date
<i>Keith Roberts DH</i>	<i>2-9-21</i>



Estimate of Maintenance Costs

Submittal Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Cave Township	Franklin	21-04000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	42,500	\$2.10	\$89,250.00	\$89,250.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	2,125	\$30.00	\$63,750.00	\$63,750.00
Repairs	IV		CA 6/10 Stockpiled	Ton	2,500	\$10.25	\$25,625.00	\$25,625.00
	IV		BAM Applied To Roads	Ton	200	\$38.00	\$7,600.00	\$7,600.00
	IV		Cold Mix Applied To Roads	Ton	160	\$48.00	\$7,680.00	\$7,680.00
Additional Materials To Be Purchased	IV		CA 6/10 Stockpiled	Ton	0	\$10.25	\$0.00	\$0.00
With Other Funds	IV		CA 16	Ton	0	\$30.00	\$0.00	\$0.00
			HFE 150/RS-2 Jobsite	Gal	0	\$2.10	\$0.00	\$0.00
Total Operation Cost								\$193,905.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$10,000.00			\$10,000.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$102,454.68	\$91,450.32	\$0.00	\$193,905.00
Maintenance Total	\$112,454.68	\$91,450.32	\$0.00	\$203,905.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,373.64	\$2,743.51		\$6,117.15
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,373.64	\$2,743.51		\$6,117.15
Total Estimated Maintenance	\$115,828.32	\$94,193.83	\$0.00	\$210,022.15

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Cave Township	Franklin	21-04000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official Date
James Kelly 1-27-21

Title
Cave Road Comm

County Engineer/Superintendent of Highways Date
Ref 22 1/27/21

APPROVED

Regional Engineer
Department of Transportation Date
Keith Roberts OH 2-9-21



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Denning Township	Franklin	21-05000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	10,000	\$2.10	\$21,000.00	\$21,000.00
			HFP Jobsite	Gal	19,500	\$2.50	\$48,750.00	\$48,750.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	1,260	\$30.00	\$37,800.00	\$37,800.00
Repairs	IV		CA 10 Stockpiled	Ton	1,500	\$10.25	\$15,375.00	\$15,375.00
	IV		CA 16 Stockpiled	Ton	200	\$12.00	\$2,400.00	\$2,400.00
	IV		BAM Applied To Roads	Ton	200	\$38.00	\$7,600.00	\$7,600.00
	IV		Cold Mix Applied To Roads	Ton	120	\$48.00	\$5,760.00	\$5,760.00
Additional Materials To Be Purchased With Other Funds	IV		CA 16 Aggregate Spread	Ton	0	\$30.00	\$0.00	\$0.00
Total Operation Cost								\$138,685.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$15,000.00			\$15,000.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$64,224.19	\$74,460.81	\$0.00	\$138,685.00
Maintenance Total	\$79,224.19	\$74,460.81	\$0.00	\$153,685.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$2,376.73	\$2,233.82		\$4,610.55
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$2,376.73	\$2,233.82		\$4,610.55
Total Estimated Maintenance	\$81,600.92	\$76,694.63	\$0.00	\$158,295.55

Remarks

Estimate of Maintenance Costs


Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Denning Township	Franklin	21-05000-00-GM	01/01/21	12/31/21


SUBMITTED

Local Public Agency Official Dan Wilmer Date 1-29-21

Title Highway Comm.

County Engineer/Superintendent of Highways  Date 1/29/21

APPROVED

Regional Engineer
Department of Transportation  @ Date 2/4/2021



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type Original

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Eastern Township	Franklin	21-06000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFP Jobsite	Gal	40,000	\$2.50	\$100,000.00	\$100,000.00
			HFE 150/RS-2 Jobsite	Gal	4,500	\$2.10	\$9,450.00	\$9,450.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	2,225	\$30.00	\$66,750.00	\$66,750.00
Repairs	IV		CA 10 Stockpiled	Ton	1,900	\$11.00	\$20,900.00	\$20,900.00
	IV		BAM Applied To Roads	Ton	400	\$38.00	\$15,200.00	\$15,200.00
	IV		Cold Mix Applied To Roads	Ton	0	\$48.00	\$0.00	\$0.00
Total Operation Cost								\$212,300.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$110,404.94	\$101,895.06		\$212,300.00
Maintenance Total	\$110,404.94	\$101,895.06		\$212,300.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,312.15	\$3,056.85		\$6,369.00
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,312.15	\$3,056.85		\$6,369.00
Total Estimated Maintenance	\$113,717.09	\$104,951.91		\$218,669.00

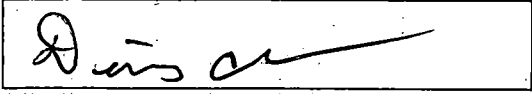
Remarks

Estimate of Maintenance Costs

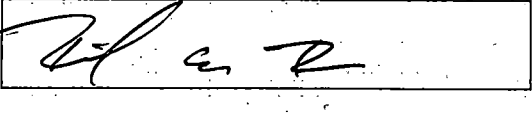
Submittal Type **Original**

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Eastern Township	Franklin	21-06000-00-GM	01/01/21	12/31/21

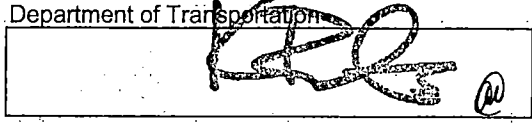
SUBMITTED

Local Public Agency Official Date
 1-22-2021

Title
RD Commissioner

County Engineer/Superintendent of Highways Date
 1/24/21

APPROVED

Regional Engineer
Department of Transportation Date
 2/4/2021



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Ewing Township	Franklin	21-07000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFP Jobsite	Gal	35,000	\$2.50	\$87,500.00	\$87,500.00
Seal Coat	IV		CA-16 Stockpiled	Ton	2,050	\$11.50	\$23,575.00	\$23,575.00
Repairs	IV		CA 10 Stockpiled	Ton	1,500	\$10.25	\$15,375.00	\$15,375.00
	IV		CA 11 Stockpiled	Ton	0	\$13.00	\$0.00	\$0.00
	IV		BAM Applied To Roads	Ton	1,800	\$38.00	\$68,400.00	\$68,400.00
	IV		Cold Mix Applied To Roads	Ton	250	\$48.00	\$12,000.00	\$12,000.00
Total Operation Cost								\$206,850.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$113,185.36	\$93,665.64		\$206,851.00
Maintenance Total	\$113,185.36	\$93,665.64		\$206,851.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,395.56	\$2,809.97		\$6,205.53
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,395.56	\$2,809.97		\$6,205.53
Total Estimated Maintenance	\$116,580.92	\$96,475.61		\$213,056.53

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Ewing Township	Franklin	21-07000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official	Date
<i>Phillip Rome</i>	<i>1-26-21</i>

Title

Road Commissioner

County Engineer/Superintendent of Highways	Date
<i>Phil R</i>	<i>1/26/21</i>

APPROVED

Regional Engineer Department of Transportation	Date
<i>Keith Roberts DM</i>	<i>2-9-21</i>



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Frankfort Township	Franklin	21-08000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE/RS-2 Jobsite	Gal	40,000	\$2.10	\$84,000.00	\$84,000.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	2,000	\$30.00	\$60,000.00	\$60,000.00
Repairs	IV		CA 6/10 Stockpiled	Ton	1,000	\$10.25	\$10,250.00	\$10,250.00
	IV		CA 16 Stockpiled	Ton	300	\$12.00	\$3,600.00	\$3,600.00
	IV		BAM Applied To Roads	Ton	400	\$38.00	\$15,200.00	\$15,200.00
	IV		Cold Mix Applied To Roads	Ton	200	\$48.00	\$9,600.00	\$9,600.00
Total Operation Cost								\$182,650.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$95,520.76	\$87,129.24		\$182,650.00
Maintenance Total	\$95,520.76	\$87,129.24		\$182,650.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$2,865.62	\$2,613.88		\$5,479.50
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$2,865.62	\$2,613.88		\$5,479.50
Total Estimated Maintenance	\$98,386.38	\$89,743.12		\$188,129.50

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Frankfort Township	Franklin	21-08000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official	Date
<i>Jim Edwards</i>	1-27-21

Title
Frankfort ROADIST.

County Engineer/Superintendent of Highways	Date
<i>R. R.</i>	1-27-21

APPROVED

Regional Engineer Department of Transportation	Date
<i>Keith Roberts DH</i>	2-9-21



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Goode Township	Franklin	21-09000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	26,000	\$2.10	\$54,600.00	\$54,600.00
Seal Coat	IV		CA-16 Stockpiled	Ton	1,500	\$11.00	\$16,500.00	\$16,500.00
Repairs	IV		CA 10 Stockpiled	Ton	2,000	\$10.50	\$21,000.00	\$21,000.00
	IV		HFE 300	Gal	21,000	\$2.30	\$48,300.00	\$48,300.00
Total Operation Cost								\$140,400.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$10,000.00			\$10,000.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$71,043.63	\$69,356.37		\$140,400.00
Maintenance Total	\$81,043.63	\$69,356.37		\$150,400.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$2,431.31	\$2,080.69		\$4,512.00
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$2,431.31	\$2,080.69		\$4,512.00
Total Estimated Maintenance	\$83,474.94	\$71,437.06		\$154,912.00

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Goode Township	Franklin	21-09000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official	Date
<i>Brent Couderc</i>	1/27/21

Title

Road Commisser

County Engineer/Superintendent of Highways	Date
<i>Phil B</i>	1/22/21

APPROVED

Regional Engineer Department of Transportation	Date
<i>KRG @</i>	2/4/2021



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Northern Township	Franklin	21-10000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	43,000	\$2.10	\$90,300.00	\$90,300.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	2,150	\$30.00	\$64,500.00	\$64,500.00
Repairs	IV		CA 6/10 Stockpiled	Ton	1,000	\$11.00	\$11,000.00	\$11,000.00
	IV		BAM Applied To Roads	Ton	300	\$38.00	\$11,400.00	\$11,400.00
	IV		Cold Mix Applied To Roads	Ton	100	\$48.00	\$4,800.00	\$4,800.00
Total Operation Cost								\$182,000.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$0.00			\$0.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$100,345.82	\$81,654.18		\$182,000.00
Maintenance Total	\$100,345.82	\$81,654.18		\$182,000.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,010.37	\$2,449.63		\$5,460.00
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,010.37	\$2,449.63		\$5,460.00
Total Estimated Maintenance	\$103,356.19	\$84,103.81		\$187,460.00

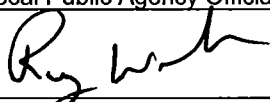
Remarks

Estimate of Maintenance Costs

Submittal Type Original

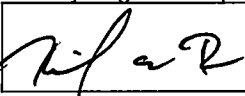
Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Northern Township	Franklin	21-10000-00-GM	01/01/21	12/31/21

SUBMITTED


Local Public Agency Official	Date
	1-26-21

Title

Road Commissioner

County Engineer/Superintendent of Highways	Date
	1/26/21

APPROVED

Regional Engineer Department of Transportation	Date
 KR	2-9-21



Local Public Agency General Maintenance



Estimate of Maintenance Costs

Submission Type **Original**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Six Mile Township	Franklin	21-11000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	38,000	\$2.10	\$79,800.00	\$79,800.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	1,900	\$30.00	\$57,000.00	\$57,000.00
Repairs	IV		CA 10 Stockpiled	Ton	500	\$11.00	\$5,500.00	\$5,500.00
	IV		CA 16 Stockpiled	Ton	0	\$12.00	\$0.00	\$0.00
	IV		BAM Applied To Roads	Ton	150	\$38.00	\$5,700.00	\$5,700.00
	IV		Cold Mix Applied To Roads	Ton	250	\$48.00	\$12,000.00	\$12,000.00
Total Operation Cost								\$160,000.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$10,000.00			\$10,000.00
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$82,068.85	\$77,931.15		\$160,000.00
Maintenance Total	\$92,068.85	\$77,931.15		\$170,000.00

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$2,762.07	\$2,337.93		\$5,100.00
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$2,762.07	\$2,337.93		\$5,100.00
Total Estimated Maintenance	\$94,830.92	\$80,269.08		\$175,100.00

Remarks

Estimate of Maintenance Costs

Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Six Mile Township	Franklin	21-11000-00-GM	01/01/21	12/31/21

SUBMITTED

Local Public Agency Official	Date
<i>Frank Meris</i>	<i>1-29-21</i>

Title
<i>Six Mile Twp. Com</i>

County Engineer/Superintendent of Highways	Date
<i>[Signature]</i>	<i>1/29/21</i>

APPROVED

Regional Engineer Department of Transportation	Date
<i>Keith Roberts DH</i>	<i>2-9-21</i>



Estimate of Maintenance Costs

Submission Type

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Tyrone Township	Franklin	21-12000-00-GM	01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Reseal	IV		HFE 150/RS-2 Jobsite	Gal	46,000	\$2.10	\$96,600.00	\$96,600.00
Seal Coat	IV		CA-16 Aggregate Spread	Ton	2,300	\$30.00	\$69,000.00	\$69,000.00
Repairs	IV		CA 6/10 Stockpiled	Ton	2,500	\$10.50	\$26,250.00	\$26,250.00
	IV		BAM Applied To Roads	Ton	400	\$38.00	\$15,200.00	\$15,200.00
	IV		Cold Mix Applied To Roads	Ton	125	\$48.00	\$6,000.00	\$6,000.00
Total Operation Cost								\$213,050.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)	\$115,846.63	\$97,203.36		\$213,049.99
Maintenance Total	\$115,846.63	\$97,203.36		\$213,049.99

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering	\$3,475.40	\$2,916.10		\$6,391.50
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total	\$3,475.40	\$2,916.10		\$6,391.50
Total Estimated Maintenance	\$119,322.03	\$100,119.46		\$219,441.49


Remarks

Estimate of Maintenance Costs


Submittal Type Original

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Tyrone Township	Franklin	21-12000-00-GM	01/01/21	12/31/21


SUBMITTED

Local Public Agency Official	Date
	1-20-21

Title
Board Chairman

County Engineer/Superintendent of Highways	Date
	1/20/21

APPROVED

Regional Engineer Department of Transportation	Date
 DH	2-9-21