CITY OF NEWTON

108 N. Van Buren Street, Rm. A
Newton, Illinois 62448
www.cityofnewtonil.com
Phone (618) 783-8451

August 18, 2021

Notice

Finance/Audit Committee Meeting Tuesday, August 24, 2021 at 6:10 PM

There will be a Finance and Audit Committee Meeting Tuesday, August 24, 2021 at 6:10 PM in the Council Room at Newton City Hall at 108 N. Van Buren, Newton, Illinois.

Agenda:

1. Discuss TIF application for 505 W. Washington St.
2. Discuss ARPA (American Rescue Plan Act of 2021) funds.
3. Discuss updates on Eagle Trail.
4. Discuss other Finance and Audit Committee related matters.

Sent to:
Joshua Kuhl
Gail Glumac
Eric Blake
Marlene Harris
Larry Brooks
David Brown
RJ Lindemann-Chairman
Melissa Brooks
Rosetta York

City of Newton ITEP Awarded Grant Application - Job #16258 bg 3

mgengineers@mgengineers.com <mgengineers@mgengineers.com>

Tue 8/17/2021 2:28 PM

To: cityclerk cityofnewtonil.com <cityclerk@cityofnewtonil.com>; citytreasurer1 cityofnewtonil.com <citytreasurer1@cityofnewtonil.com>; billingclerk cityofnewtonil.com <billingclerk@cityofnewtonil.com>; jkuhl cityofnewtonil.com <jkuhl@cityofnewtonil.com>; citycollector cityofnewtonil.com <citycollector@cityofnewtonil.com>
Cc: mgengineers@mgengineers.com <mgengineers@mgengineers.com>

7 attachments (4 MB)

gabion wall.pdf; current estimate.pdf; soilder wall.pdf; current route.pdf; grant route.pdf; grant estimate.pdf; resolution 1708.pdf;

Milano & Grunloh Engineers, LLC

engineering | surveying

OWNERS
LEE R. BECKMAN, P.E., P.L.S.
DOUGLAS C. GRUNLOH, P.L.S.

LICENSEES
MICHAEL A. TAPPENDORF, P.E.

TO: City of Newton

FROM: Lee R. Beckman, P.E., P.L.S.

RE: City of Newton ITEP Awarded Grant Application – Job #16258 bg 3

COMMENTS: Per our meeting last week, the City of Newton received a grant for $1,056,000.00 which has $889,920 for construction. The project estimate for the application was $1,320,000.00 with a current construction estimate of approximately 1.1 million with a MSE wall along the river. The original project estimate included sheet piling for the area of the main walls along the bank of the Embarrass. During preliminary design, soil borings were completed showing sandstone at an elevation that prevented the concept of a sheet piling design. Two other concepts evaluated after the soil borings were completed were soldier piles (see enclosed pictures) or gabion walls (see enclosed pictures). Once environmental clearances are achieved, final plans will be completed and the project bid.

Also, enclosed is the original map from the application and a current map. The location of the approach to the park was slightly modified to follow the canoe launch access road. By doing this relocation, IDOT allowed the path slope to exceed 5% eliminating the need for a "switch back" or other ADA compliant standard to construct a sidewalk up the hill.

In regards to payment during the contract, the project will be bid and opened in Springfield with a contract between the state and the low bidder. During construction, the state pays all construction bills and invoices the city for their 20%. Construction and design engineering are paid by the city and reimbursed by the state. State projects paper work during construction is currently done on CMMS verse ICORS or other previous methods. It was also discussed at the meeting to have a shared folder system or other way to access files. Enclosed is a current set of plans, original and current estimate, original and current project location map. Is it acceptable to post this information to a shared site? If so, we will work with the city to complete.

The City of Newton was very fortunate to secure a grant for 1,056,000.00 to complete this project. We believe with a good environment, that the project can be constructed in budget. If there are any other questions, please let us know.

Lee R. Beckman, P.E., P.L.S.
mgengineers@mgengineers.com | www.mgengineers.com
Phone: (217) 347-7262 | 114 W. Washington Ave., Effingham, IL 62401

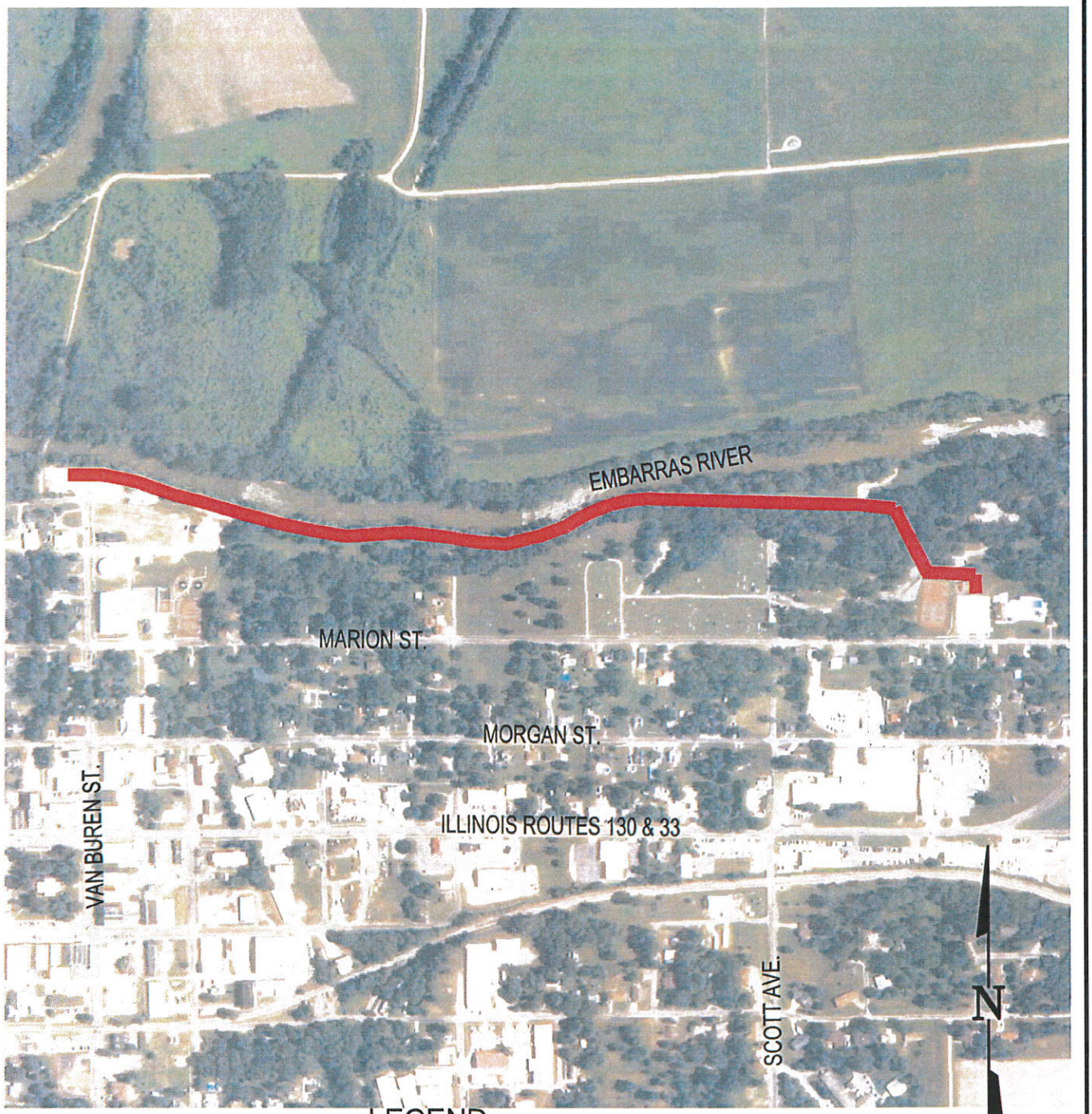
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ATTACHMENTS: 7 attachments

JOB #16349

***Please reference the above stated job # on all correspondence.**

Current Route



MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
Email: mgengineers@mgengineers.com
Web: www.mgengineers.com
Design Firm #184-003108

ROUTE MAP-AESR
CITY OF NEWTON
ITEP, 2016
NEWTON, ILLINOIS
JASPER COUNTY, ILLINOIS

File name: 16349\dwg\AESR Maps.dwg

Plot date: 06/27/19

CITY OF NEWTON

EAGLE TRAIL (BIKE PATH)

	ITEM	UNIT	TOTAL	UNIT PRICE	NEWTON 20%	FED FUND 80%	TOTAL
1	EARTH EXCAVATION	LS	1	$ 100,000.00	$ 20,000.00	$ 80,000.00	$ 100,000.00
2	TREE REMOVAL	AC	3	$ 10,000.00	$ 6,000.00	$ 24,000.00	$ 30,000.00
3	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SF	40000	$ 5.44	$ 43,490.00	$ 173,960.00	$ 217,450.00
4	RIPRAP	TON	1000	$ 65.00	$ 13,000.00	$ 52,000.00	$ 65,000.00
5	AGGREGATE BASE COURSE	TON	2000	$ 35.00	$ 14,000.00	$ 56,000.00	$ 70,000.00
6	PROTECTIVE COAT	SY	4500	$ 1.00	$ 900.00	$ 3,600.00	$ 4,500.00
7	DETECTABLE WARNING	SF	80	$ 40.00	$ 640.00	$ 2,560.00	$ 3,200.00
8	PIPE CULVERT 15"	LF	100	$ 40.00	$ 800.00	$ 3,200.00	$ 4,000.00
9	BOX CULVERT	LF	20	$ 500.00	$ 2,000.00	$ 8,000.00	$ 10,000.00
10	TRAFFIC CONTROL & PROTECTION	LS	1	$ 10,000.00	$ 2,000.00	$ 8,000.00	$ 10,000.00
11	BOLLARDS	EA	12	$ 500.00	$ 1,200.00	$ 4,800.00	$ 6,000.00
12	BOLLARDS (QUICK RELEASE)	EA	6	$ 1,000.00	$ 1,200.00	$ 4,800.00	$ 6,000.00
13	CONC RETAINING WALL (SPL)	SF	1,000	$ 80.00	$ 16,000.00	$ 64,000.00	$ 80,000.00
14	SHEET PILING	SF	8,500	$ 40.00	$ 68,000.00	$ 272,000.00	$ 340,000.00
17	PIPE HANDRAIL	LF	1150	$ 75.00	$ 17,250.00	$ 69,000.00	$ 86,250.00
18	SEEDING	LS	1	$ 30,000.00	$ 6,000.00	$ 24,000.00	$ 30,000.00
19	MOBILIZATION	EA	1	$ 50,000.00	$ 10,000.00	$ 40,000.00	$ 50,000.00
	TOTAL CONSTRUCTION COST				$ 222,480.00	$ 889,920.00	$ 1,112,400.00
	PHASE I ENGINEERING				$ 6,560.00	$ 26,240.00	$ 32,800.00
	PHASE II ENGINEERING				$ 19,660.00	$ 78,640.00	$ 98,300.00
	CONSTRUCTION ENGINEERING				$ 15,300.00	$ 61,200.00	$ 76,500.00
	TOTAL PROJECT COST						**$ 1,320,000.00**
				TOTAL PROJECT COST (NEWTON)		$ 264,000.00	
				TOTAL PROJECT COST (FEDERAL)		$ 1,056,000.00	

Prepared by: MT
Milano & Grunloh Engineers, LLC
5/12/2016
Job # 16258 BG3

Grant Route



MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
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Web: www.mgengineers.com
Design Firm #184-003108

PROJECT MAP
NEWTON BIKE TRAIL
ITEP, 2016
JASPER COUNTY, ILLINOIS

File name: 16258BG3\PROJECT MAP.dwg

Plot date: 05/17/16

EXHIBIT A

SUMMARY OF QUANTITIES
CITY OF NEWTON
2016 ITEP
SECTION # 16-00048-00-BT

ITEM No.	ITEM	UNIT	QUANTITY	80% FEDERAL (PARTICIPATING)	20% LOCAL (PARTICIPATING)	UNITPRICE	TOTAL	80% FEDERAL	20% Local	100% Local
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	0	0.0	0.0	$ 15.00	$ -	$ -	$ -	---
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	0	0.0	0.0	$ 20.00	$ -	$ -	$ -	---
20200100	EARTH EXCAVATION	CU YD	1,476	1,180.8	295.2	$ 15.00	$ 22,140.00	$ 17,712.00	$ 4,428.00	---
20200200	ROCK EXCAVATION	CU YD	1,200	960.0	240.0	$ 60.00	$ 72,000.00	$ 57,600.00	$ 14,400.00	---
20400800	FURNISHED EXCAVATION	CU YD	1,082	865.6	216.4	$ 25.00	$ 27,050.00			
20800150	TRENCH BACKFILL	CU YD	48	38.4	9.6	$ 35.00	$ 1,680.00	$ 1,344.00	$ 336.00	---
28000400	PERIMETER EROSION BARRIER	FOOT	3,721	2,976.8	744.2	$ 4.00	$ 14,884.00	$ 11,907.20	$ 2,976.80	---
28000500	INLET AND PIPE PROTECTION	EACH	4	3.2	0.8	$ 350.00	$ 1,400.00	$ 1,120.00	$ 280.00	---
28100105	STONE RIPRAP, CLASS A3	SQ YD	979	783.2	195.8	$ 50.00	$ 48,950.00	$ 39,160.00	$ 9,790.00	---
40200900	AGGREGATE SURFACE COURSE, TYPE B	TON	87	69.8	17.5	$ 50.00	$ 4,365.00	$ 3,492.00	$ 873.00	---
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	9	7.2	1.8	$ 200.00	$ 1,800.00	$ 1,440.00	$ 360.00	---
42001300	PROTECTIVE COAT	SQ YD	5,176	4,140.8	1,035.2	$ 1.00	$ 5,176.00	$ 4,140.80	$ 1,035.20	---
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ YD	36,745	29,396.0	7,349.0	$ 5.50	$ 202,097.50	$ 161,678.00	$ 40,419.50	---
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ YD	9,847	7,877.6	1,969.4	$ 8.00	$ 78,776.00	$ 63,020.80	$ 15,755.20	---
42400800	DETECTABLE WARNINGS	SQ FT	80	64.0	16.0	$ 35.00	$ 2,800.00	$ 2,240.00	$ 560.00	---
44000100	PAVEMENT REMOVAL	SQ YD	640	512.2	128.0	$ 10.00	$ 6,402.00	$ 5,121.60	$ 1,280.40	---
50900805	PEDESTRIAN RAILING	FOOT	40	32.0	8.0	$ 200.00	$ 8,000.00	$ 6,400.00	$ 1,600.00	---
50901760	PIPE HANDRAIL	FOOT	400	320.0	80.0	$ 100.00	$ 40,000.00	$ 32,000.00	$ 8,000.00	---
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	4,000	3,200.0	800.0	$ 30.00	$ 120,000.00	$ 96,000.00	$ 24,000.00	---
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5,000	4,000.0	1,000.0	$ 35.00	$ 175,000.00	$ 140,000.00	$ 35,000.00	---
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	EACH	24	19.2	4.8	$ 30.00	$ 720.00	$ 576.00	$ 144.00	---
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	40	32.0	8.0	$ 50.00	$ 2,000.00	$ 1,600.00	$ 400.00	---
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	80	64.0	16.0	$ 55.00	$ 4,400.00	$ 3,520.00	$ 880.00	---
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	FOOT	2	1.6	0.4	$ 750.00	$ 1,500.00	$ 1,200.00	$ 300.00	---
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	FOOT	4	3.2	0.8	$ 950.00	$ 3,800.00	$ 3,040.00	$ 760.00	---
67100100	MOBILIZATION	L SUM	1	0.8	0.2	$ 30,000.00	$ 30,000.00	$ 24,000.00	$ 6,000.00	---
72000100	SIGN PANEL - TYPE 1	SQ FT	28	22.6	5.7	$ 25.00	$ 707.50	$ 566.00	$ 141.50	---
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	45	36.0	9.0	$ 15.00	$ 675.00	$ 540.00	$ 135.00	---
XX001683	INFORMATION KIOSK	EACH	2	1.6	0.4	$ 1,250.00	$ 2,500.00	$ 2,000.00	$ 500.00	---
X0322135	BOLLARDS, QUICK RELEASE	EACH	8	6.4	1.6	$ 750.00	$ 6,000.00	$ 4,800.00	$ 1,200.00	---
X0323360	WOODEN POLE REMOVAL	EACH	2	1.6	0.4	$ 500.00	$ 1,000.00	$ 800.00	$ 200.00	---

X0323378	CONCRETE PARKING BLOCKS	EACH	8	6.4	1.6	$ 250.00	$ 2,000.00	$ 1,600.00	$ 400.00	---
X0324589	PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE	EACH	1	0.8	0.2	$ 500.00	$ 500.00	$ 400.00	$ 100.00	---
X0325790	WATER HYDRANT	EACH	1	0.8	0.2	$ 250.00	$ 250.00	$ 200.00	$ 50.00	---
X2500900	SEEDING CLASS 1 (SPECIAL)	ACRE	1	0.8	0.2	$ 5,000.00	$ 5,000.00	$ 4,000.00	$ 1,000.00	---
X5021510	COFFERDAMS (SPECIAL)	EACH	1	0.8	0.2	$ 50,000.00	$ 50,000.00	$ 40,000.00	$ 10,000.00	---
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	225	180.0	45.0	$ 175.00	$ 39,375.00	$ 31,500.00	$ 7,875.00	---
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.8	0.2	$ 30,000.00	$ 30,000.00	$ 24,000.00	$ 6,000.00	---
Z0022800	FENCE REMOVAL	FOOT	15	12.0	3.0	$ 50.00	$ 750.00	$ 600.00	$ 150.00	---
Z0041800	PNEUMATIC APPLIED CONCRETE	SQ FT	5,000	4,000.0	1,000.0	$ 3.00	$ 15,000.00	$ 12,000.00	$ 3,000.00	---
							$1,028,698.00			

Total Federal Participating	**$ 801,318.40**
Total Local Participating	**$ 200,329.60**

MACCAFERRI







Soldier Pile Wall

RESOLUTION NO. 17-08

City of Newton, Illinois
Resolution of Funding Support for 2016 Illinois
Transportation Enhancement Program Grant Project

WHEREAS: the Newton City Council wants to support multi-use paths that encourage a safe route for pedestrian and bike traffic as well as economic development; and

WHEREAS: the Council is committed to the completion of Eagle Trails multi-use paths by making them more accommodating and/or accessible for pedestrian/bike use. The project will connect previously completed phases along the Embarras River Bridge, along the River Front, Peterson Park and the Aquatic Center.

WHEREAS: the Council understands that pedestrian/bike facilities will provide worthwhile benefits; and

NOW THEREFORE, BE IT RESOLVED that the City of Newton has received **$1,056,000** from the 2016 Illinois Transportation Enhancement Program and support the project by providing the required local match with **$264,000** in funding or donations as defined under the Federal Flexible Match Program.

Passed, approved and adopted this 1st day of August, 2017.

Upon roll call vote the following alderpersons voted AYE: **David Brown, Larry Brooks, Robert Reisner, Scott Bloomberg and Steve Rubsam.**
Upon roll call vote the following alderpersons voted NAY: **None**
Absent: **Eric Blake**

Mark Bolander, Mayor

ATTEST:

Rosetta M. York, City Clerk (SEAL)

CITY OF NEWTON SEAL 1887 ILLINOIS