




LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581
P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

Memorandum

Date: July 16, 2021
To: Urban Subcommittee
From: Jared Nelson, District Engineer 
Subject: Urban Subcommittee Meeting Minutes – July 2021

The Urban Subcommittee met virtually at 5:30pm, on Thursday, July 15, 2021. Subcommittee members participating included Tom Green, Gary Aldridge, Bob Andersen, Christine Lamberty, Luke Peterson, Susan Seacrest, and Ray Stevens. Others participating included Board Chair Deb Eagan; NRD staff Mike Murren, Al Langdale, Tracy Zayac and Jared Nelson; and Mark Meyer with Intuition & Logic Engineering. Director Green called the meeting to order at 5:31pm, and first led a discussion with the Subcommittee regarding virtual or in-person meetings, before moving on to the remaining agenda items. There was one item the Subcommittee took action on, as well as project updates and reports given, as described below.

(a.) Consideration of contract modifications with Intuition & Logic for the Beal Slough Channel Stabilization, 70th to Pine Lake Project – First, Mike Murren gave a description of the project where Intuition & Logic Engineering (I&L) is under contract for engineering and construction observation of the Beal Slough Channel Stabilization – 70th to Pine Lake Project. He said the project is in construction, with High Plains Enterprises as the contractor.

Murren discussed that the contractor is currently outside of the planting window for live stakes, so the contractor will need to do this work later, outside the planned construction period. He referred to the attached contract modification (Amendment #2), to I&L's professional services agreement with the District, for additional services related to an extended construction period, for an additional \$13,601. The Subcommittee reviewed and discussed the contract modification, and Mark Meyer answered questions regarding planting live stakes in the winter, and site visits.

It was moved by Andersen, seconded by Peterson, and approved by the Subcommittee (with Green, Andersen, Lamberty, Peterson, Seacrest, and Stevens voting yes, and Aldridge voting no) to recommend that the Board of Directors approve Amendment #2 to the Professional Services Agreement between Intuition & Logic Engineering and LPSNRD, in an amount not to exceed \$13,601, for additional services for the Beal Slough Channel Stabilization – 70th to Pine Lake project.

(b.) Community Assistance Program – Status Update on Current CAP Projects – Next, Tracy Zayac referred to her attached Memorandum, dated June 23rd, and gave status updates on current Community

Assistance Program projects, as well as a year-end summary. She also reported that the Edenton North project was just completed.

(c.) Reports – Finally, a report was given to the Subcommittee by Nelson on two Salt Creek Levee Projects, the Oak Creek Weir Repair project which is complete; and the Pipe Penetration (4 pipes) project which is substantially complete.

There being no further business the meeting adjourned at approximately 6:10 pm.

JN/jn



July 8, 2021

Paul Zillig
General Manager
Lower Platte South Natural Resources District
3125 Portia Street
Lincoln, NE 68501-3581

Re: Modification to Intuition & Logic Engineering Beal Slough Channel Stabilization 70th to Pine Lake Road Design Contract for Additional Construction Services

Dear Mr. Zillig:

Thank you again for the opportunity to provide engineering design services for the Lower Platte South Natural Resources District. Intuition & Logic Engineering is requesting a contract modification in the amount of \$13,601.00 to cover additional services related to the Beal Slough 70th to Pine Lake Construction Services.

The additional services are needed to provide part time on site construction observation during construction of the Project. The attached scope of services and fee worksheet describe the proposed construction services and the associated time and expenses to complete the services.

If you have any questions or would like additional information, please do not hesitate to call or email. I look forward to hearing from you.

Best regards,



Mark Meyer, PE, CFM
President

SUPPLEMENTAL AGREEMENT NO. 2

**BETWEEN INTUITION & LOGIC ENGINEERING, INC. AND
LOWER PLATTE SOUTH NATURAL RESOURCE DISTRICT
FOR PROFESSIONAL SERVICES**

The Agreement between Intuition & Logic Engineering, Inc. (I&L) and **Lower Platte South Natural Resource District** (LPSNRD) For **Beal Slough Channel Stabilization 70th to Pine Lake Road Project** Professional Services shall be amended as follows:

Witnesseth:

Whereas, on November 20, 2019, the parties hereto entered into a Professional Services Contract to provide professional services for the **Beal Slough Channel Stabilization 70th to Pine Lake Road Project**, hereinafter "PROJECT". The total contract value was **\$98,700.00**.

Whereas, LPSNRD desired to have additional work performed by I&L to provide services in accordance with Supplemental Agreement No. 1 Scope and Fee. This required a change in the scope of services of the aforesaid Professional Services Contract in an amount not to exceed **THIRTY SEVEN THOUSAND FIVE HUNDRED AND SIX DOLLARS AND TWENTY CENTS (\$37,506.20)**.

Whereas, LPSNRD desires to have additional work performed by I&L to provide services in accordance with Supplemental Agreement No. 2 Scope and Fee as shown in Attachment A. This requires a change in the scope of services of the aforesaid Professional Services Contract in an amount not to exceed **THIRTEEN THOUSAND SIX HUNDRED DOLLARS AND EIGHTY CENTS (\$13,600.80)**.

Now, Therefore, in consideration of the payment and mutual agreements of the parties contained herein, the parties do mutually agree as follows:

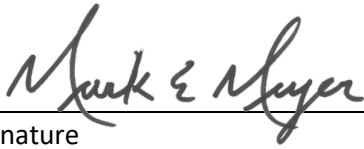
1. I&L shall perform the services described in the attached Scope of Services (Attachment A) in addition to the Scope of Services described in Attachment A of the Professional Services Contract, and LPSNRD shall pay I&L an amount not to exceed **\$13,600.80** for the additional services.
2. I&L will provide the professional services described herein on a Time and Materials, Not To Exceed method of payment based on the fee schedule below.

Construction Services	\$	13,600.80
	\$	13,600.80

3. All other provisions of the Professional Services Contract between the parties shall remain unchanged. The contract total is changed from **\$98,700.00** to **\$149,807.00**.

**Amendment No. 2
Intuition & Logic / Lower Platte South Natural Resource District Agreement**

Intuition & Logic (I&L)



Signature

Name: Mark E. Meyer

Title: President

7/8/2021

Date

43 1873553

Fed. Tax I.D. No.

Lower Platte South Natural Resource District (LPSNRD)

Signature

Name: Paul Zillig

Title: General Manager

Date

47 05842969

Fed. Tax I.D. No.

Amendment No. 2

Intuition & Logic / Lower Platte South Natural Resource District Agreement

Attachment A:

Beal Slough 70th to Pine Lake Additional Construction Services

1.0 On-Site Construction Observation

I&L will be on site for the following plant observation site visits. I&L will spot check slopes, layout geometry, planting and other activities against the project construction plans to check that the contractor is achieving the design lines and grades.

- 2021 Summer site visit for temporary erosion control blanket installation.
- 2021 September site visit to check plant growth
- 2021 Winter site visit for livestake installation.
- 2022 Spring site visits for plant installation.

2.0 Construction Observation Memorandums

I&L will summarize each construction observation site visit in a memorandum. The memo will contain observations, photos, conversation summaries and action items. The memos will be in PDF format and will be emailed to the LPSNRD and the Contractor within one calendar week of the observation date. I&L will track how each construction issue is addressed.

3.0 Coordination with Contractor

Additional coordination with the Contractor was needed due to an extended construction period. I&L will coordinate with the contractor to discuss observations and contractor requests for information. All coordination will be documented via summary emailed submitted to the LPSNRD and contractor.

4.0 Construction Change Order 2

I&L performed layout revisions to Grade Control #4 to address changes that occurred since the design. Severe erosion at the large knickpoint had significantly changed the layout and limits needed for the grade control structure.

LOWER PLATTE SOUTH NRD - BEAL SLOUGH 70TH TO PINE LAKE CONSTRUCTION SERVICES											
INTUITION & LOGIC	Personnel Type/ Title	Intuition & Logic Engineering				Schemmer Engineering			Travel Expenses	Total	
		I&L Principal	I&L PM	I&L EI	I&L Personnel Cost	Schemmer PM	Schemmer On Site Project Rep	Schemmer Hours			Schemmer Personnel Cost
Billing Rate		225.00	165.00	105.00		185.00	138.00				
Construction Services					\$ -			\$ -	\$ -	\$ -	
					\$ -			\$ -	\$ -	\$ -	
1	2021 Schemmer On Site Construction Observation for planting - 3 visits now				\$ -	-	8	8	\$ 1,104.00	\$ -	\$ 1,104.00
1	2021 Schemmer On Site Construction Observation for planting - 1 visit Sept 2021 to check growth and need for spring planting				\$ -		8	8	\$ 1,104.00	\$ -	\$ 1,104.00
2	2021 Schemmer On Site Construction Observation for planting - 6 site vites for livestaking in the fall				\$ -		16	16	\$ 2,208.00	\$ -	\$ 2,208.00
2	2021 Schemmer On Site Construction Observation for planting - 6 site visit for 2022 spring planting if needed.				\$ -		16	16	\$ 2,208.00	\$ -	\$ 2,208.00
6	Personal Vehicle Miles - \$0.56 per mile, 130 Miles per Visit				\$ -			-	\$ -	\$ 436.80	\$ 436.80
					\$ -			-	\$ -	\$ -	\$ -
	I&L 2021 and 2022 Coordination with Contractor and RE - 2 hours per RE site visit				\$ -			-	\$ -	\$ -	\$ -
	Summer 2021		2		\$ 330.00			-	\$ -	\$ -	\$ 330.00
	Late Summer Growth Check		2		\$ 330.00			-	\$ -	\$ -	\$ 330.00
	Winter Livestaking Coordination		4		\$ 660.00			-	\$ -	\$ -	\$ 660.00
	Spring Planting Coordination		4		\$ 660.00			-	\$ -	\$ -	\$ 660.00
					\$ -			-	\$ -	\$ -	\$ -
					\$ -			-	\$ -	\$ -	\$ -
	I&L Contractor Coordination - Extended amount due to Contractor Schedule Delay		14		\$ 2,310.00			-	\$ -	\$ -	\$ 2,310.00
	I&L CO-2 for the revised layout to GC-4 to address changes that occurred since the survey was performed. The large knickpoint at GC-4 underwent significant erosion between the design survey and when construction comenced.		6	12	\$ 2,250.00			-	\$ -	\$ -	\$ 2,250.00
					\$ -			-	\$ -	\$ -	\$ -
					\$ -			-	\$ -	\$ -	\$ -
					\$ -			-	\$ -	\$ -	\$ -
	Subtotal =	0	32	12	\$ 6,540.00	0	48	48	\$ 6,624.00	\$ 436.80	\$ 13,600.80
TOTAL =										\$ 13,601	



Beal Slough - Gapp Project at S 70th St



Map Byr - November 2019 - Sources: City of Lincoln/Lancaster County; Lower Platte South Natural Resources District



LOWER PLATTE SOUTH

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Memorandum

Date: June 23, 2021
To: Urban Subcommittee
From: Tracy Zayac
Subject: Status update on current projects

Community Assistance Program:

1. Weeping Water Gospel Run bank stabilization Phase 2 (approved 10/21/2020): The City approved the additional repair work on the concrete apron. Work is expected to be completed in early July.
2. Malcolm Elk Creek bank stabilization (approved 1/20/2021): Project closed out 6/2/2021.
3. Edenton North pond bank rehab (approved 1/20/2021): Work on north pond nearing completion.
4. Hickman 68th Street bike trail underpass (approved 3/17/2021): interlocal agreement approved by NRD Board and signed by General Manager 5/20/2021.

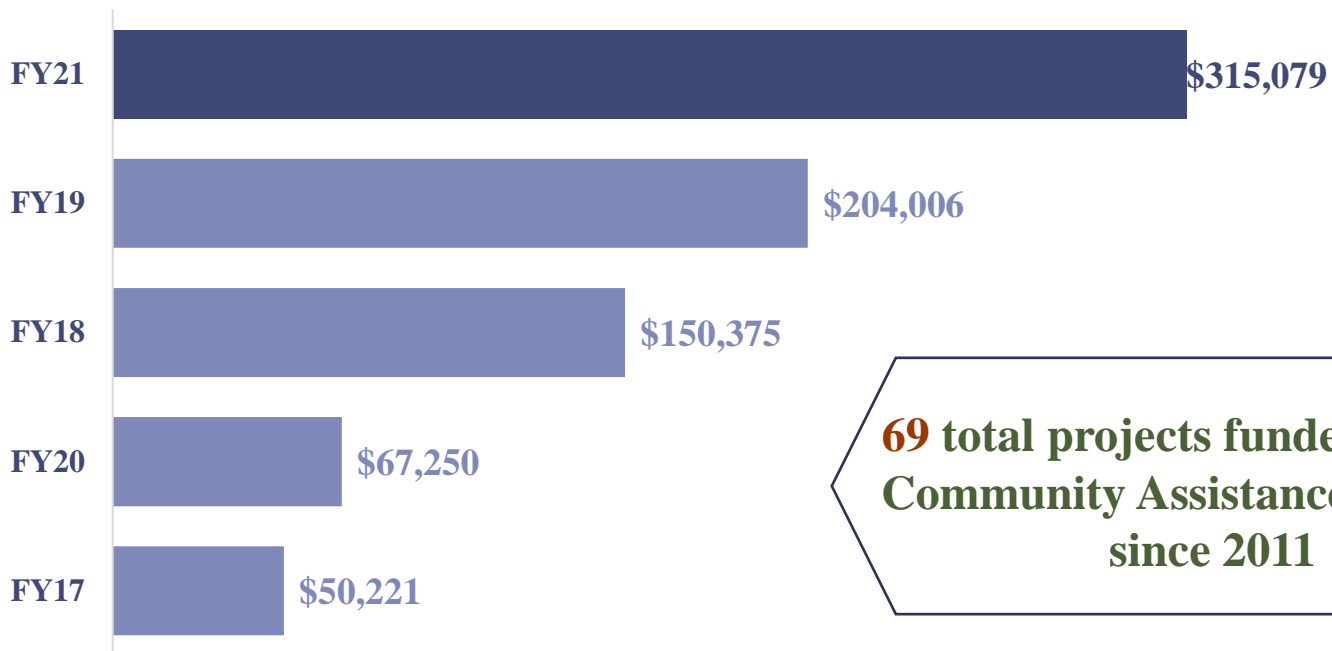
Rain-Ready Landscapes Program:

1. Heun rain garden, Louisville (approved 1/20/2021): Contractor scheduled to begin work in July.

Other projects:

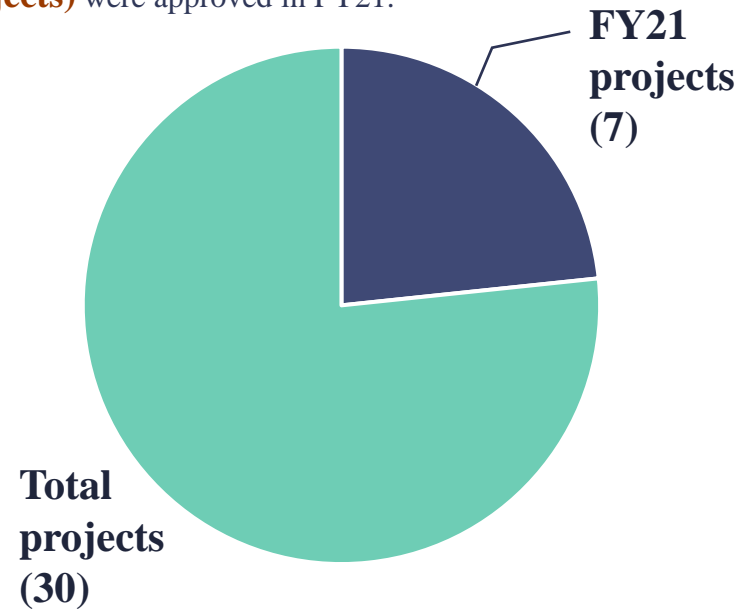
1. Wyuka stormwater conceptual design (approved 2/17/2021): Consultant is finalizing 2-3 options, including cost information, which they will present to the Trustees in July. Greg Osborn is working actively on fundraising.

FY21 saw the highest award level in the past five years. Total awards have fluctuated widely, influenced by the type, size, and number of projects approved.

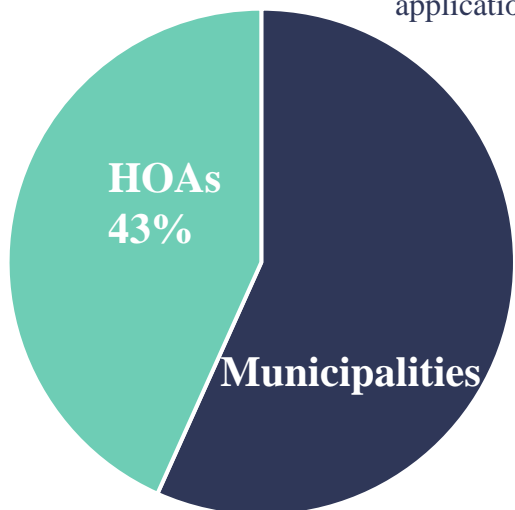


69 total projects funded through Community Assistance Program since 2011

Of the 30 projects approved over the past 5 years, **23% (7 projects)** were approved in FY21.



Over half (57%) of the projects funded since 2008 have been with cities and villages. **Ashland** and **Waverly** are tied for the most applications funded, at 5 each.



Highest-dollar project awarded in each year, FY17-FY21

Fiscal Year	Applicant & Project	Funding Awarded
FY17	Elmwood drainage improvement	\$31,362
FY18	Plattsmouth Lincoln Ave. drainage Phase 2	\$75,000
FY19	The Preserve dam rehabilitation	\$75,000
FY20	Shadow Pines bank stabilization Phase 2	\$42,500
FY21	Hickman 68 th St. bike trail underpass	\$103,743