

City of Fayetteville Staff Review Form

2017-0368

Legistar File ID

7/18/2017

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Jonathan Ely

6/28/2017

ENGINEERING (621)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Approval of a Budget Adjustment, and Recognition of Revenue for Payment In-Lieu of Street Improvements for the Ruppel Meadows Subdivision

Budget Impact:

4470.800.8835.5809.00

Capital Improvement Fund

Account Number

Fund

Ruppel Road (Persimmon to Congressional)

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 2,159,646.00

Funds Obligated \$ 2,137,122.59

Current Balance **\$ 22,523.41**

Does item have a cost? No

Item Cost

Budget Adjustment Attached? Yes

Budget Adjustment \$ 72,321.00

Remaining Budget **\$ 94,844.41**

V20140710

Previous Ordinance or Resolution # 197-16

Original Contract Number: 74-16

Approval Date: _____

Comments:



TO: Mayor Jordan

THRU: Don Marr, Chief of Staff
Chris Brown, City Engineer

FROM: Jonathan Ely, Development and Construction Manager

DATE: June 30, 2017

SUBJECT: Recognition of Revenue for Payment In-Lieu of Street Improvements for the Ruppel Meadows Subdivision

RECOMMENDATION:

Staff recommends City Council approval of a resolution to recognize revenue in the amount of \$72,321 for Payment In-Lieu of Street Improvements for the Ruppel Meadows Subdivision.

BACKGROUND:

In April 2016, the Planning Division received a Preliminary Plat submittal for a new single family residential subdivision near the northern end of the Ruppel Road Improvement Project. The subdivision is called Ruppel Meadows, and as part of their project approval, the development was required to complete the street improvements along their property frontage.

Over the past year, the developer has received construction permits, and completed construction of the streets and utilities for the subdivision. During review of the final plat, the engineering division recommended payment in lieu of the proposed improvements so that money could be used in conjunction with additional city funds to complete this section of roadway and trail.

DISCUSSION:

While typically the developer is responsible to hire a contractor to complete the required street improvements, the engineering division recognized this as an opportunity to connect to and extend the Ruppel Road Phase II project further north. By accepting payment in-lieu of improvements, it allows the city to use their contractor (Sweetser) to complete the improvements which would result in a more uniform and consistent roadway, with less disruption to the citizens and traffic in the area.

The total funds to be provided by the developer of the Ruppel Meadows Subdivision will be \$72,320.10, which covers costs of road widening, storm drainage installation, and trail construction along the property frontage.

Approval of the change order for the expanded scope of work will be processed as a separate request, and is anticipated to be a total of \$143,973.20, the remaining \$71,653.10 would be

funded from the Transportation Bond fund to cover costs of completing the median, asphalt overlay, and tapers at the northern end of the project.

BUDGET/STAFF IMPACT:

This revenue would be used in conjunction with funds from the Transportation Bond Program to pay for a change order to extend the improvements to Ruppel Road further north.

Attachments:

Approved Cost Estimate for Ruppel Meadows portion of the Ruppel Road Improvements

March 6, 2017

Engineering Division
City of Fayetteville
113 W. Mountain Street
Fayetteville, AR 72701

Re: Engineers Estimate of Public Improvements – Ruppel Road
Fayetteville, AR
CTA Job No. 16102000

Dear Mr. Ely,

This letter is in response to the request of a quantity and cost estimate to widen Ruppel Road through the new Ruppel Meadows residential development, just north of W. Wedington Drive. Below is a table listing all quantities and their respective unit price.

Item Number	Item Description	Estimated Quantity	Unit	Unit Price	Total Amount
1.0	12' TRAIL (4" THICK CONCRETE, 4" CLASS 7 BASE)	427	SY	\$45.00	\$19,215.00
2.0	SOILD SOD	374	SY	\$3.75	\$1,402.50
3.0	4' DIAMETER REINFORCED CONCRETE CURB INLET	1	EA	\$2,400.00	\$2,400.00
4.0	8' CURB INLET EXTENSION	1	EA	\$1,200.00	\$1,200.00
5.0	18" RCP CLASS III	317	LF	\$37.00	\$11,729.00
6.0	18" RCP FLARED END SECTION	0	EA	\$1,000.00	\$0.00
7.0	6" CURB AND GUTTER	550	LF	\$16.00	\$8,800.00
8.0	SELECT EMBANKMENT	217	CY	\$8.00	\$1,736.00
9.0	3" HMAC SURFACE COURSE (1/2" MIX)	58	TON	\$74.25	\$4,306.50
10.0	4" HMAC BINDER COURSE (1" MIX)	77	TON	\$61.00	\$4,697.00
11.0	6" CLASS 7 AGGREGATE BASE COURSE	327	SY	\$7.50	\$2,452.50
12.0	SUBGRADE PREPARATION	327	SY	\$2.00	\$654.00
13.0	UNCLASSIFIED EXCAVATION	418	CY	\$8.00	\$3,344.00
14.0	SEEDING AND MULCHING	0.06	AC	\$2,100.00	\$126.00
15.0	4" TOPSOIL PLACEMENT	642	SY	\$1.50	\$963.00
16.0	MAILBOX REMOVAL	1	EA	\$110.00	\$110.00
17.0	MAILBOX INSTALLATION	1	EA	\$375.00	\$375.00
18.0	2" ASPHALT MILLING	209	SY	\$3.40	\$710.60
19.0	1' CONCRETE VALLEY GUTTER	65	LF	\$6.60	\$429.00
20.0	4" PAVEMENT MARKING (THERMOPLASTIC)	320	LF	\$1.00	\$320.00
21.0	4" TRAIL SKIP MARKING (YELLOW PAINT)	320	LF	\$4.00	\$1,280.00
22.0	CAST IN PLACE DETECTABLE WARNING DEVICES	48	SF	\$15.00	\$720.00
23.0	EROSION CONTROL	1	LS	\$1,650.00	\$1,650.00
24.0	ROADWAY CONSTRUCTION CONTROL	1	LS	\$2,500.00	\$2,500.00
25.0	TRAFFIC CONTROL	1	LS	\$1,200.00	\$1,200.00
ESTIMATE OF TOTAL RUPPEL ROAD IMPROVEMENTS COST					\$72,320.10





Crafton Tull
architecture | engineering | surveying

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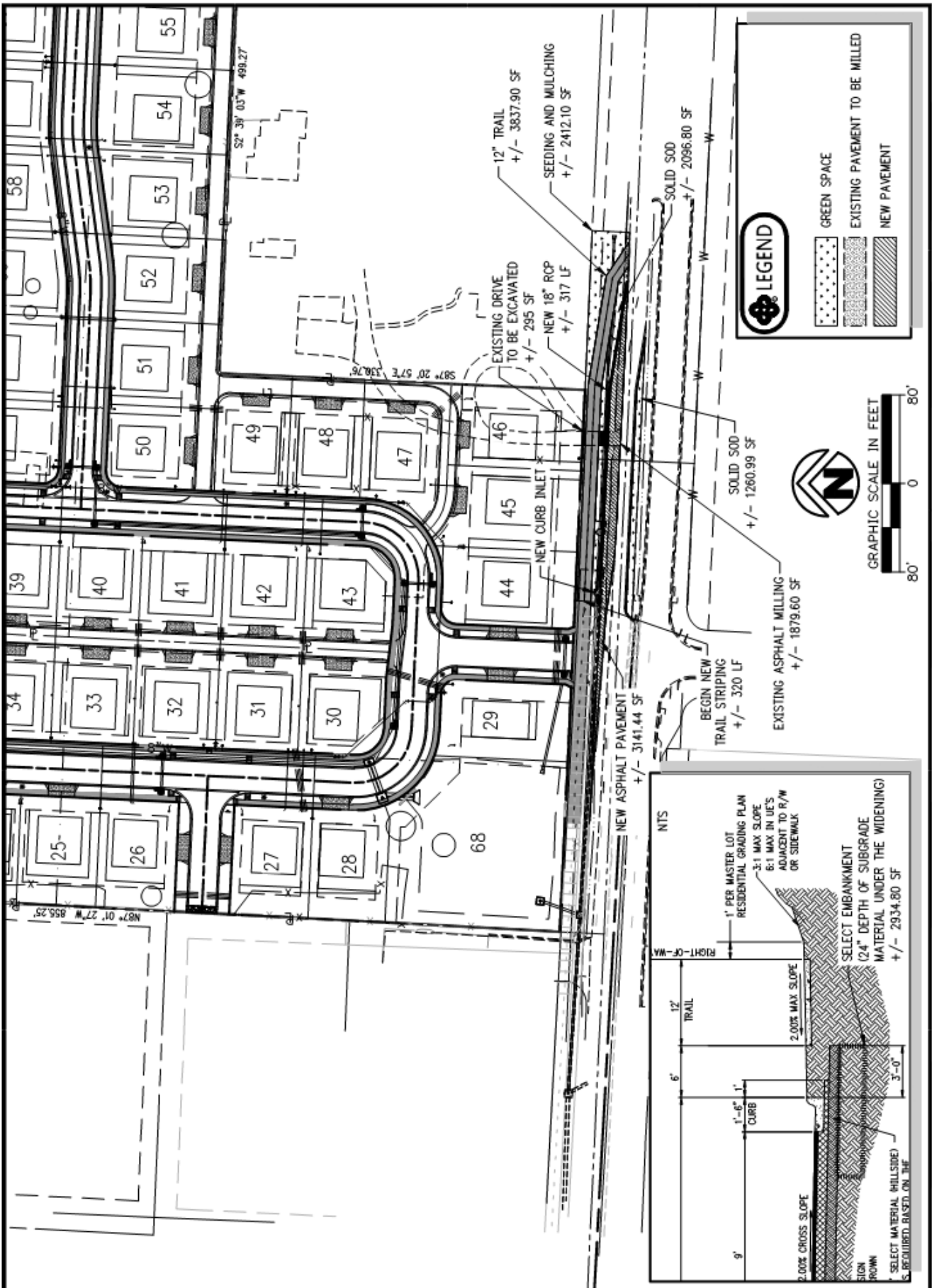
479.636.4838 (ph)
479.631.6224 (fax)

Should you have any questions or require any additional information, please feel free to contact us at your convenience.

Sincerely,
Crafton Tull



Thomas A. Hennelly, P.E.
Vice President



LEGEND

- GREEN SPACE
- EXISTING PAVEMENT TO BE MILLED
- NEW PAVEMENT

