June 11, 2020

City of Knoxville
305 South Third Street
Knoxville, IA 50138

RE: PAY APPLICATION #2
ROCHE STREET CULVERT REPLACEMENT
S&A PROJECT NO. – 119.0729

Dear Honorable Mayor and Council:

Enclosed for your review and approval is TK Concrete Inc's Payment Application #2 for the above noted project. Based on project observation, plan quantities, measured quantities, and work completed we recommend approval of Payment Application #2. Work performed during this payment period includes; box culvert excavation, existing box culvert removal, temporary shoring installation, box culvert bedding, and other miscellaneous project items.

If you have any questions or comments, please contact me at any time.

Respectfully,

SNYDER & ASSOCIATES, INC.

Andy G. Burke, P.E.
Project Manager

Enclosure
CC: Tony Vermeer & Kirk Salnave, TK Concrete, Inc.

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APPLICATION FOR PARTIAL PAYMENT NO. 2

PROJECT: Roche Street Culvert Replacement
OWNER: City of Knoxville
CONTRACTOR: TK Concrete, Inc.
ADDRESS: 1608 Fifield Road
Pella, Iowa 50219
DATE: June 10, 2020

S&A PROJECT NO.: 119.0729

START DATE: April 23, 2020
PAYMENT PERIOD: 5/14/20 to 06/10/20

1. CONTRACT SUMMARY:

Original Contract Amount:	$	529,815.00
Net Change by Change Order:	$	-
Contract Amount to Date:	$	529,815.00

CONTRACT PERIOD:

Original Contract Date: March 1, 2020

2. WORK SUMMARY:

Work Performed This Period:	$	31,085.00
Retainage: 5%	$	1,554.25
Subtotal This Period	$	29,530.75
Less Overpayment of Pay Application #1	$	***9,000.00***
AMOUNT DUE THIS APPLICATION:	$	**20,530.75**

Total Work Performed to Date:	$	105,817.50
Retainage: 5%	$	5,290.88
Total Earned Less Retainage:	$	100,526.63

Payment Summary

Pay Application #1	$	70,995.88
Overpayment of Pay Application #1	$	9,000.00
Pay Application #2	$	20,530.75
Total	$	**100,526.63**

3. CONTRACTOR'S CERTIFICATION:

The undersigned CONTRACTOR certifies that:
(1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with the Work covered by prior Applications for
(2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this application for Payment are free and clear of all liens, claims, security interests and encumbrances.

TK Concrete, Inc.
CONTRACTOR

By _____ DATE: 6-11-2020

4. ENGINEER'S APPROVAL:

Payment of the above AMOUNT DUE THIS APPLICATION is recommended:

Snyder & Associates, Inc.
ENGR

By _____ DATE: _____

Digitally signed by Andy Burke
DN: C=US,
E=aburke@snyder-associates.com,
O="Snyder & Associates, Inc",
CN=Andy Burke
Reason: I have reviewed this document
Date: 2020.06.11 09:37:55-05'00'

5. OWNER'S APPROVAL

City of Knoxville
OWNER

By _____ DATE: _____

6. DETAILED ESTIMATE OF WORK COMPLETED:

BID ITEM NO	DESCRIPTION	CONTRACT ITEMS QUANTITY	UNIT	UNIT COST	TOTAL COST	COMPLETED WORK TO DATE QUANTITY	COST	COMPLETED WORK THIS PERIOD QUANTITY	COST	PERCENT COMPLETE THIS PERIOD	PERCENT COMPLETE TO DATE
	EARTHWORK										
2.1	Clearing and Grubbing	1	LS	$ 5,500.00	$ 5,500.00	0.50	$ 2,750.00	0.00	$ -	0.00%	50.00%
2.2	Topsoil, On-site	150	CY	$ 50.00	$ 7,500.00	98.00	$ 4,900.00	0.00	$ -	0.00%	65.33%
2.3	Excavation, Class 10	1125	CY	$ 20.00	$ 22,500.00	0.00	$ -	0.00	$ -	0.00%	0.00%
2.4	Subgrade Preparation	341	SY	$ 10.00	$ 3,410.00	0.00	$ -	0.00	$ -	0.00%	0.00%
2.5	Subbase, Modified, 6 Inches	341	SY	$ 20.00	$ 6,820.00	0.00	$ -	0.00	$ -	0.00%	0.00%
2.6	Compaction Testing	1	LS	$ 3,250.00	$ 3,250.00	0.00	$ -	0.00	$ -	0.00%	0.00%
	TRENCH AND TRENCHLESS CONSTRUCTION										
3.1	Trench Compaction Testing	1	LS	$ 2,250.00	$ 2,250.00	0.00	$ -	0.00	$ -	0.00%	0.00%
	SEWERS AND DRAINS										
4.1	Sanitary Sewer Gravity Main, Trenched, PVC, 8 In.	46	LF	$ 150.00	$ 6,900.00	0.00	$ -	0.00	$ -	0.00%	0.00%
4.2	Removal of Sanitary Sewer, 8 In.	46	LF	$ 50.00	$ 2,300.00	0.00	$ -	0.00	$ -	0.00%	0.00%
4.3	Storm Sewer, Trenched, RCP, 15 In.	134	LF	$ 95.00	$ 12,730.00	68.00	$ 6,460.00	0.00	$ -	0.00%	50.75%
4.4	Removal of Storm Sewer, RCP, 15 In.	141	LF	$ 30.00	$ 4,230.00	124.50	$ 3,735.00	0.00	$ -	0.00%	88.30%
4.5	Subdrain, HDPE, 4 In.	220	LF	$ 28.00	$ 6,160.00	0.00	$ -	0.00	$ -	0.00%	0.00%
4.6	Subdrain Cleanout, Type A-1, 6 In.	4	EA	$ 500.00	$ 2,000.00	0.00	$ -	0.00	$ -	0.00%	0.00%
4.7	Subdrain Outlets and Connections	4	EA	$ 400.00	$ 1,600.00	0.00	$ -	0.00	$ -	0.00%	0.00%
	WATER MAIN AND APPURTENANCES										
5.1	Water Main, Trenched, C900 PVC, 8 In.	137	LF	$ 110.00	$ 15,070.00	80.00	$ 8,800.00	0.00	$ -	0.00%	58.39%
5.2	Fitting, 8" x 45° Bend	8	EA	$ 850.00	$ 6,800.00	0.00	$ -	0.00	$ -	0.00%	0.00%
5.3	Fitting, 8" x 6" Reducer	1	EA	$ 850.00	$ 850.00	0.00	$ -	0.00	$ -	0.00%	0.00%
5.4	Water Service Stub	1	EA	$ 1,750.00	$ 1,750.00	0.50	$ 875.00	0.00	$ -	0.00%	50.00%
5.5	Water Main, Insulation	22	LF	$ 150.00	$ 3,300.00	0.00	$ -	0.00	$ -	0.00%	0.00%
5.6	Water Main, Abandon or Remove, 6 In.	127	LF	$ 30.00	$ 3,810.00	127.00	$ 3,810.00	0.00	$ -	0.00%	100.00%
5.7	Water Main, Connection to Existing	2	EA	$ 2,750.00	$ 5,500.00	1.00	$ 2,750.00	0.00	$ -	0.00%	50.00%
	STRUCTURES FOR SANITARY AND STORM										
6.1	Intake, SW-501	1	EA	$ 4,750.00	$ 4,750.00	0.00	$ -	0.00	$ -	0.00%	0.00%
6.2	Intake, SW-503	1	EA	$ 8,250.00	$ 8,250.00	0.00	$ -	0.00	$ -	0.00%	0.00%
6.3	Manhole Adjustment, Major	1	EA	$ 3,500.00	$ 3,500.00	0.00	$ -	0.00	$ -	0.00%	0.00%
6.4	Remove Intake	2	EA	$ 750.00	$ 1,500.00	1.00	$ 750.00	0.00	$ -	0.00%	50.00%
	STREETS AND RELATED WORK										
7.1	Pavement, PCC, 7 In.	293	SY	$ 85.00	$ 24,905.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.2	Special Subgrade Compaction for Shared Use Path	307	SY	$ 5.00	$ 1,535.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.3	PCC Pavement Samples and Testing	1	LS	$ 2,500.00	$ 2,500.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.4	Shared Use Path, PCC, 6 In.	221	SY	$ 65.00	$ 14,365.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.5	Detectable Warning, Cast Iron	24	SF	$ 50.00	$ 1,200.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.6	Driveway, Paved, PCC, 6 In.	10	SY	$ 100.00	$ 1,000.00	0.00	$ -	0.00	$ -	0.00%	0.00%
7.7	Temporary Surfacing, 12 In.	150	TON	$ 40.00	$ 6,000.00	18.00	$ 720.00	0.00	$ -	0.00%	12.00%
7.8	Pavement Removal	305	SY	$ 18.00	$ 5,490.00	115.00	$ 2,070.00	0.00	$ -	0.00%	37.70%
	TRAFFIC CONTROL										
8.1	Temporary Traffic Control	1	LS	$ 12,500.00	$ 12,500.00	0.25	$ 3,125.00	0.00	$ -	0.00%	25.00%
8.2	Temporary Barrier Rail	300	LF	$ 37.50	$ 11,250.00	215.00	$ 8,062.50	0.00	$ -	0.00%	71.67%
	SITE WORK AND LANDSCAPING										
9.1	Filter Sock, 12 Inch	410	LF	$ 5.00	$ 2,050.00	0.00	$ -	0.00	$ -	0.00%	0.00%
9.2	Filter Sock, Removal	410	LF	$ 2.50	$ 1,025.00	0.00	$ -	0.00	$ -	0.00%	0.00%
9.3	Rip Rap	262	TON	$ 75.00	$ 19,650.00	0.00	$ -	0.00	$ -	0.00%	0.00%
9.4	Erosion Control Mulching, Hydromulching with Temporary Seed	0.3	AC	$ 7,500.00	$ 2,250.00	0.00	$ -	0.00	$ -	0.00%	0.00%
9.5	Hydroseeding, Fertilizer, Hydromulch, Type 1 Seeding	0.3	AC	$ 12,000.00	$ 3,600.00	0.00	$ -	0.00	$ -	0.00%	0.00%
	MISCELLANEOUS										
11.1	Construction Survey	1	LS	$ 12,000.00	$ 12,000.00	0.25	$ 3,000.00	0.10	$ 1,200.00	10.00%	25.00%
11.2	Mobilization	1	LS	$ 40,000.00	$ 40,000.00	0.40	$ 16,000.00	0.00	$ -	0.00%	40.00%
11.3	Maintenance of Postal Service	1	LS	$ 1,500.00	$ 1,500.00	0.25	$ 375.00	0.25	$ 375.00	25.00%	25.00%
11.4	Maintenance of Solid Waste Collection	1	LS	$ 1,500.00	$ 1,500.00	0.25	$ 375.00	0.25	$ 375.00	25.00%	25.00%
11.5	Concrete Washout	1	LS	$ 2,000.00	$ 2,000.00	0.00	$ -	0.00	$ -	0.00%	0.00%

BID ITEM NO.	DESCRIPTION	CONTRACT ITEMS QUANTITY	UNIT	UNIT COST	TOTAL COST	COMPLETED WORK TO DATE QUANTITY	COST	COMPLETED WORK THIS PERIOD QUANTITY	COST	PERCENT COMPLETE THIS PERIOD	PERCENT COMPLETE TO DATE
	BOX CULVERT										
99.1	Special Backfill	39	CY	$ 65.00	$ 2,535.00	0.00	$ -	0.00	$ -	0.00%	0.00%
99.2	Granular Material for Blanket and Subdrain	72	CY	$ 65.00	$ 4,680.00	54.00	$ 3,510.00	54.00	$ 3,510.00	75.00%	75.00%
99.3	Removal of Existing Structures	1	LS	$ 10,000.00	$ 10,000.00	0.50	$ 5,000.00	0.25	$ 2,500.00	25.00%	50.00%
99.4	Excavation, Class 20	902	CY	$ 25.00	$ 22,550.00	450.00	$ 11,250.00	225.00	$ 5,625.00	24.94%	49.89%
99.5	Precast Concrete Box Culvert, Twin 8'x6'	74	LF	$ 1,250.00	$ 92,500.00	0.00	$ -	0.00	$ -	0.00%	0.00%
99.6	Precast Concrete Box Culvert End Section, Twin 8'x6'	2	EA	$ 22,500.00	$ 45,000.00	0.00	$ -	0.00	$ -	0.00%	0.00%
99.7	Temporary Shoring	1	LS	$ 35,000.00	$ 35,000.00	0.50	$ 17,500.00	0.50	$ 17,500.00	50.00%	50.00%
99.8	Fence, Chain-Link, Vinyl Coated	75	LF	$ 120.00	$ 9,000.00	0.00	$ -	0.00	$ -	0.00%	0.00%
	TOTAL ORIGINAL CONTRACT:				$ 529,815.00		$ 105,817.50		$ 31,085.00	5.87%	19.97%
	CHANGE ORDER 01			**CHANGE ORDER SUMMARY**							
		TOTAL CONTRACT & CHANGE ORDER			$ 529,815.00		$ 105,817.50		$ 31,085.00	5.87%	19.97%