

Agenda Item Number

DATE September 11, 2017

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR SE CONNECTOR PAVING - S.E. 15TH STREET TO S.E. 30TH STREET, C. J. MOYNA & SONS, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the SE Connector Paving - S.E. 15th Street to S.E. 30th Street, 06-2012-006, in accordance with the contract approved between C. J. Moyna & Sons, Inc., John P. Moyna, President, 24412 Hwy 13, Elkader, IA 52043, under Roll Call No. 13-0949, of June 10, 2013, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$31,475,450.92 is the total construction cost of which \$31,445,450.92 has been paid to the Contractor, with a final partial payment of \$0.00 to be paid now, and the remaining balance of \$30,000.00 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$30,000.00 before being released to the Contractor.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by ______ to adopt.

FORM APPROVED:

Kathleen Vanderpool Deputy City Attorney

FUNDS AVAILABLE

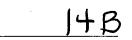
Robert L. Fagen Des Moines Finance Director

Funding Source: 2017-2018 CIP, Page Street - 36, Southeast Connector - S.E. 14th Street to S.E. 30th Street, ST249, Being: \$10,000,000 (maximum) in Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Federal Earmark, being 80% eligible for grading, paving and bridge construction costs under NHS-U-1945(409)-8G-77; \$8,954,000 in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs allocated through Des Moines Area MPO under NHS-U-1945(409)-8G-77; \$9,037,777.55 in IDOT – RISE funds being 50% eligible; \$301,430 from Des Moines Water Works for water main construction; and the remaining \$3,182,243.37 in G.O. Bonds.

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Roll Call Number

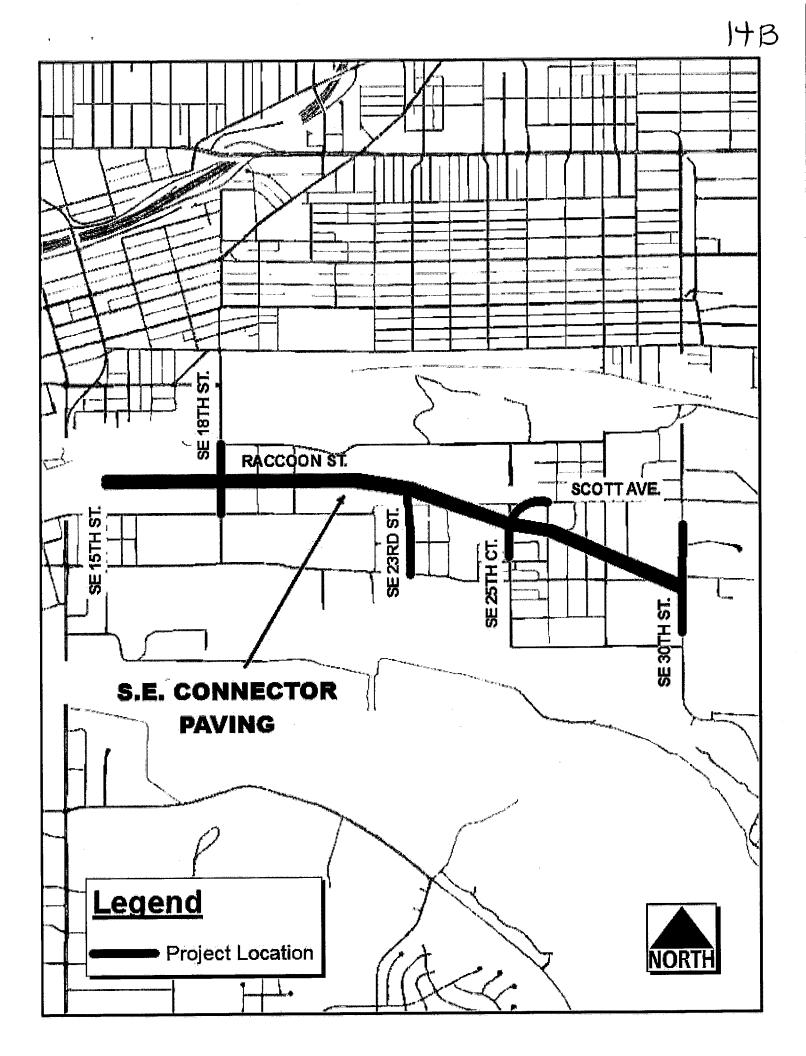
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NHS-U-1945(409) -8G-77, NHS-U-1945(409) - -8G-77, NHS-U-1945(409) --8G-77, NHS-U-1945(409)-8G-77

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	I, Diane Rauh, City Clerk of said City Council, hereby
COWNIE					certify that at a meeting of the City Council, held on the
COLEMAN					above date, among other proceedings the above was
GATTO					adopted.
GRAY					
HENSLEY					IN WITNESS WHEREOF, I have hereunto set my hand
MOORE					and affixed my seal the day and year first above written.
WESTERGAARD					
TOTAL					
MOTION CARRIED				APPROVED	
					· ·
				Mayor	



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PROJECT SUMMARY

SE Connector Paving - S.E. 15th Street to S.E. 30th Street

Activity ID 06-2012-006

On June 10, 2013, under Roll Call No. 13-0949, the Council awarded the contract for the above improvements to C. J. Moyna & Sons, Inc., in the amount of \$31,166,419.37. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1		9/3/2013 No cost Change Order to reclassify Bid Item #22 "Field Office" from 100% Division 1, to 70% Division I, 29% Division II, and 1% Division III.	\$0.00
2	Contractor	12/9/2013 S.E. 20th Street water rmain relocation, miscellaneous removal items, and quantity adjustments.	\$9,490.90
3	Contractor	1/24/2014 Intermediate foundation improvements and sanitary sewer modifications.	\$10,560.91
4	Contractor	7/24/2014 Add a special intake structure on S.E. 18th Street; removal of additional water main.	\$21,655.00
5	Contractor	1/28/2015 Addition of a new gatewell structure for Deans Lake; sanitary manhole rework on SE 18th Street.	\$7,095.70
6	Contractor	1/26/2015 Addition of Subsurface Rubble Removal to the contract at a negotiated unit cost per square yard and increase in the contract quantity of Subsurface Rubble Remove to 125% of the original bid quantity.	\$1,732,300.00
7	Contractor	7/28/2015 Modifying pavement section for SE 30th Street, addition of anti-graffiti coating to MSE retaining walls, and addition of temporary surfacing and barriers for Maury Street and SE 30th Street work.	\$24,470.92
8	Contractor	10/8/2015	\$22,594.00

	Addition of guardrail end anchor at SE 30th Street and addition of sanitary manhole on SE 23th Street to service future developement.	
9 Contractor	11/19/2015	\$18,552.60
	Addition of fence post anchors for MSE walls, raise electrical pullboxes to grade.	
10 Contractor	3/28/2016	\$(1,425,625.46)
	Quantity adjustments to as-built quantities.	
11 Contractor	6/17/2016	\$22,297.23
	Quantity adjustments to as-built quantities.	
12 Engineering	3/3/2017	\$4,739.92
	Quantity adjustments to as-built quantities and miscellaneous traffic signalization modifications.	
13 Contractor	6/9/2017	\$(102,505.17)
	Quantity adjustments to as-built quantities.	
14 Contractor	9/5/2017	\$(36,595.00)
	Quantity adjustments to as-built quantities and addition of liquidated damages.	
	Original Contract Amount	\$31,166,419.37
	Total Change Orders	\$309,031.55
	Percent of Change Orders to Original Contract	0.99%
	Total Contract Amount	\$31,475,450.92

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September 11, 2017



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the SE Connector Paving - S.E. 15th Street to S.E. 30th Street, C. J. Moyna & Sons, Inc.

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$31,475,450.92 As-Built Contract Cost

<u>Funding Source:</u> 2017-2018 CIP, Page Street - 36, Southeast Connector - S.E. 14th Street to S.E. 30th Street, ST249, Being: \$10,000,000 (maximum) in Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Federal Earmark, being 80% eligible for grading, paving and bridge construction costs under NHS-U-1945(409)-8G-77; \$8,954,000 in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs allocated through Des Moines Area MPO under NHS-U-1945(409)-8G-77; \$9,037,777.55 in IDOT – RISE funds being 50% eligible; \$301,430 from Des Moines Water Works for water main construction; and the remaining \$3,182,243.37 in G.O. Bonds.

CERTIFICATION OF COMPLETION:

On June 10, 2013, under Roll Call No. 13-0949, the City Council awarded a contract to C. J. Moyna & Sons, Inc., John P. Moyna, President, 24412 Hwy 13, Elkader, IA 52043 for the construction of the following improvement:

SE Connector Paving - S.E. 15th Street to S.E. 30th Street, 06-2012-006

The improvement includes construction of two bridges over Union Pacific and Norfolk Southern railroad properties and construction of a Portland Cement Pavement ten inches thick on the Southeast Connector, S.E. 18th Street, S.E. 23rd Street and S.E. 25th Court with various width pavements and medians; together with the necessary removals, earthwork, clearing, grubbing, erosion control, sidewalks, driveways, recreational trails, pavement subdrains, storm sewers, traffic control, traffic signals, street lighting, intersection enhancements, and landscaping; all in accordance with the contract documents including Plan File Nos. 550-001/753 on the Southeast Connector from S.E. 15th Street to S.E. 30th Street, Des Moines, Iowa

I hereby certify that the construction of said SE Connector Paving - S.E. 15th Street to S.E. 30th Street, Activity ID 06-2012-006, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on July 21, 2013, and was completed on September 5, 2017.

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I further certify that \$31,475,450.92 is the total cost of said improvement, of which \$31,445,450.92 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

Pimela Scootsey es

Pamela S. Cooksey, P.E. Des Moines City Engineer

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ESTIMATE OF CONSTRUCTION COMPLETED FOR WORK DONE FROM 4/3/17/ to 5/12/17 PARTIAL PAYMENT NO: 45 - FINAL



ESTIMATE DATE:	September 1, 2017
PARTIAL PAYMENT NO.	45-FINAL

·		PLAN QUANTITIES									CONET	RUCTION QUA					·
REF.		PERIO GOANTITIES			I PLA	AN QUANTITY						STRUCTION QUANI			ONSTRUCTION PAYME	NT	
NO.	CODE NO.	ITEM	UNIT	PRICE		DIVISION II DIV	ISION IU	EXTENDED	UNIT	PRICE	DIVISION	DIVISION II	DIVISION B	DIVISION	DIVISION II	DIVISION III	• • • • • • • • • • • • • • • • • • • •
					16th - 23rd	23rd - 30th No	n-Part	PRICE			15th - 23rd	23rd - 30th	Non-Part.	15th - 23rd	23rd - 30th	Non-Part	TOTAL AMOUNT
1	0001-0050000	CLEARING AND GRUBBING (CHANGED PER C.O. #2)	ACRE	\$9,500,00		9.07		\$268,800.00	ACRE	\$9,500.00				\$202,635.00		\$0.00	\$288.800.00
2	-11012-01-121210740	SPECIAL BACKFILL (CHANGED PER C.O. #12)	TON	\$19.70		9,705.61		\$191,200,62	TON	\$19,70		9,705,61		\$0.00			
3	2112/37/10070	EXCAVATION, CLASS 10, ROADWAY & BORROW (CHANGED PER C.O. #4, #11)	CY	\$6.00	381,101.40			\$2,935,070,40	CY					\$2,286,606,40			\$191,200,52 \$2,935,070,40
4	302-27/0000	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIALS (CHANGED PER C.O. #10)	CY	\$6,00	0.00	0.00		\$0.00	CY					\$2,265,608.40			\$2,953,070.40
5	2023/100	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS (CHANGED PER C.O. #10)	CY	\$15.00		0.00		\$46.050.00	CY					\$46,050.00			\$45,050.00
6	219454/93000	EXCAVATION, CLASS 10, CHANNEL	CY	\$10.00		350.00		\$3,600.00	CY	\$10.00	0,010,00	350.00		\$0,00			\$45,050.00
7	40053045005	TOPSOIL, FURNISH AND SPREAD	CY	\$10.00	18,063.00			\$231,210.00	CY		18,063,00			\$180,630,00			\$231,210.00
8	2012/04/2019	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	\$5.00		6,754,00		\$79,805,00	CY	\$5,00				\$46.035.00			\$79,805.00
9	253/4523126	COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES	CY	\$8.00		155.00		\$1,248.00	CY	\$8.00		156,00		50.00			\$1,248.00
10	2407-007-0015	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	\$0.30	356,491.00	107,841.00		\$139,299.60	CY					\$106,947,30			\$139,299.60
11	31:32:00.000	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID (CHANGED PER C.O. #13)	SY	\$5.00	0.00	493.33		\$2,466,65	SY	\$5.00				\$0.00			\$2,456.65
12	2115-0100000	MODIFIED SUBBASE (CHANGED PER C.O. #7 & #10)	CY	\$37,50	0.00	0.00		\$0,00	CY	\$37.50	0.00	0.00		\$0.00	\$0.00		\$0.00
13	21:5:54:50:00	SHOULDER CONSTRUCTION, EARTH (CHANGED PER C.O. #10)	STA	\$1,070.00	165.00	133.00		\$318,860.00	STA	\$1,070.00	165.00			\$176,550.00			\$318,860.00
. 14	2221275000	EXCAVATION, CLASS 13 FOR WIDENING (CHANGED PER C.O. #10)	CY	\$16.00		1,184.00		\$18,944.00	CY	\$16,00		1,184,00		\$0,00			\$18,944.00
15	22423-37-15500	REMOVAL OF CURB	STA	\$800.00	D.07	1.60		\$1,336,60	STA	\$800.00	0,07	1.60		\$56.00	\$1,280.00		\$1,336.00
16	2223124300.000	RELOCATION OF MAILBOXES (CHANGED PER C.O. #13)	EACH	\$300.00		1.00		\$300.00	EACH					\$0.00			\$300.00
17	2213-8200000	BASE WIDENING, HOT MIX ASPHALT MIXTURE (CHANGED PER C.O. #10)	TON	\$81,00	1	0.00		\$0.00	TON	\$81.00		0,00		\$0.00			\$0.00
18	2213-8202080	BASE WIDENING, 8 IN. PORTLAND CEMENT CONCRETE (CHANGED PER C.O. #10)	5Y	\$52.00	X	0.00		\$0,00	SY	\$52.00		0.00		\$0,00	\$0,00		\$0.00
19	2301-0690200	BRIDGE APPROACH, RK-20 (CHANGED PER C.O. #13)	SY	\$168.79	1,200,00			\$202,548,00	SY	\$168.79	1,200,00			\$202,548.00	\$0,00	\$0.00	\$202,548,0
20	2301-1033080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, B IN. (CHANGED PER C.O., #7 AND #13)	SY	\$50.00	232.00	3,170.00		\$170,100.00	SY	\$50.00	232.00	3,170.00		\$11,600.00	\$158,500,00	\$0.00	\$170,100.0
21	2301-1033100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10 IN. (CHANGED PER C.O. #7, AND #13)	ev	\$48,40	35,583,00	30,782.00		\$3,079,335,00	5 Y	1				-		140	
22	2301-4874106	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	\$97.02	33,003,00	162.00		\$15,717.24	SY SY	\$46,40	35,583.00	30.782,00		\$1,651,051.20			\$3,079,336.0
23	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES (CHANGED PER C.O. #13)	LS	\$19,000.00	0.00	0.00	• • • • + -	\$10,717.24				162,00		\$0.00			\$15,717.2
24	2301-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE) (CHANGED PER C.O. #13)	EACH	\$19,000,00		45,176.63		\$95.003.27	LS EACH	\$19,000.00				\$0.00			\$0.00
25	2303-0043500	HOT MIX ASPHALT MIXTURE (3,000,000 ESAL), SURFACE COURSE, 1/2 IN. MIX, NO SPC. FRCT. (CHANGED PER C.O. #7 AND C.O. #13)	TON	\$54,00	· · · -	0.00		\$21,185.28	TON	1	392.3			\$21,185,28			\$95,005.2
25	2303-0245828	ASPHALT BINDER, PG 58-28 (CHANGED PER C.O. #13)	TON	\$590.00				\$11,611.20	TON					511.611.20			\$21,185.2 \$11.611.2
27	2303-0246428	ASPHALT BINDER, PG 84-28	TON	\$700,00		0.00		\$0,00	TON	\$700.00		0.00		\$11,611.20			\$11,611.2
28	2312-8260051	GRANULAR SURFACING ON ROAD, CLASS & CRUSHED STONE (CHANGED PER C.O. #13)	TON	\$22.00				\$24,408.78	TON					\$19,048.70			\$24,408.7
29	2316-0000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE) (CHANGED PER C.O. #13)	EACH	\$1.00	10,700.00	7,000.00		\$17,700.00	EACH	\$1.00	10,700,00			\$10,700.00		50.00	\$17,700.0
30	2402-0425031	GRANULAR BACKFILL (CHANGED PER C.O. #7, AND C.O. #13)	TON	\$11,50	130,610.25	131.40		\$1,503,528.98	TON	\$11.50	130,610,2	131.40		\$1,502,017,68		\$0.00	\$1,503,528,9
31	2012-2020	EXCAVATION, CLASS 20	CY	\$15.00	o	1,938.00		\$29,070.00	CY	\$15.00		1,938.00		\$0.00		\$0.00	\$29,070.0
32	2403-0100010	STRUCTURAL CONCRETE (BRIDGE)	CY	\$420.00	0 798,20			\$335,244.00	CY	\$420.00	798.20			\$335,244.00			\$335,244.0
33	 - 3201.0020.005 	STRUCTURAL CONCRETE (RCB CULVERT)	CY	\$480.00	0	232.40		\$111,552.00	CY	\$480.00		232,40	· · · ·	\$0.00			\$111,552.0
34	201377200	REINFORCING STEEL	LB	\$1.3		40,165.00		\$52,882.70	LB	\$1.30	514.00	40,165.00		- \$668.20	\$52,214,50	\$0.00	\$52,882.7
35	2404-7775005	REINFORCING STEEL, EPOXY COATED	La	\$0.8				\$150,238.76	(B					\$150,238.78	5 \$0.00	\$0.00	\$150,238.
36	3.2.5 27280LD	EXCAVATE AND DEWATER	LS	\$750,000.00				\$750,000.00	LS		0,4	0.60	N I	\$300,000.00	\$450,000.00	\$0.00	\$750,000.0
37	2407-0550000	BEAMS, PRETENSIONED PRESTRESSED, CONCRETE, SBTE 140	EACH	\$25,400.0		0.00		\$304,800,00	EACH					\$304,800.00	\$0.00	\$0.00	\$304,800.0
38	2408-7800000	STRUCTURAL STEEL	LB	\$2.6				\$32,004.06	LS	\$2.65				\$32,004,05	5 \$0.00	\$0.00	\$32,004.0
39	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE	SY	\$2.0				\$3,764.00	SY					\$3,764.00			\$3,764.0
40	2414-642403B	CONCRETE BARRIER RAIL, 3FT. 8IN.	UF	\$63.0				\$39,690,00	LF					\$39,690.00	\$0,00	\$0.00	\$39,690.0
41	2414-6425420	CONCRETE BARRIER, PARAPET	LF	\$48,0				\$15,744,00	LF					\$15,744.00			\$15,744.0
		STEEL PIPE PEDESTRIAN HAND RAILING	LF	\$53.0				\$20,325.60	LF					\$20,325.50			\$20,325.5
43	d turentisette	APRONS, CONCRETE, 12 IN. DIA,	EACH	\$875.0		0,00		\$875,00	EACH					\$875.00			\$875.0
44	32,67,192,22	APRONS, CONCRETE, 18 IN. DIA. (CHANGED PER C.O., #13) APRONS, CONCRETE, 24 IN. DIA.	EACH	\$950.0				\$5,700.00	EACH					\$5,700.00			\$5,700.0
45	25(1000000000000000000000000000000000000	APRONS, CONCRETE, 24 IN, DIA.	EACH	\$1,050,0				\$2,100.00	EACH	\$1,050,00				\$2,100.00			\$2,100.0
46	2012-21-2000	APRONS, CONCRETE, 30 IN, DIA.	EACH	\$1,200.0				\$1,200.00	EACH EACH	\$1,200.00			<u>'</u>	\$0.0			\$1,200.0
48	2010-000-000 	AFRONS, CONCRETE, 48 IN. DIA.	EACH	\$1,500.0				\$3,800.00	EACH					\$1,500,00			\$1,500.0
49	2000-2000-000	SEGMENTAL BLOCK RETAINING WALL	ISF	\$1,900.0				\$3,800.00	EACH					\$3,800.00			\$3,800.0
50		MECHANICALLY STABILZED EARTH RETAINING WALL (CHANGED PER C.O. #7)	ISF	\$18.9				\$1,601,586.80	SF				4	\$6,955,2			\$51,162.3
61		MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EACH	\$8,500,0				\$1,501,585.80	EACH					\$1,601,586.8			\$1,601,586.8
52		MANHOLE, SANTARY SEWER, SW-303, 84 IN.	EACH	\$20,000,0				\$20,000,00	EACH					\$17,000.0			\$68,000.0
53		MANHOLE, SANTARY SEVER, SW305	EACH	\$20,000.0				\$15,000,00	EACH EACH					\$20,000.0			\$20,000.0
54	state de la	MANHOLE, STORM SEWER, SW-401, 48 IN. (CHANGED PER C.O. #11 AND C.O. #13)	EACH	\$2,500.0				\$27,500,00	EACH					\$15,000,0			\$15,000,0
55	2/25/23/142	MANHOLE, STORM SEWER, SW-401, 60 IN. (CHANGED PER C.O. #13)	EACH	\$3,750.0				\$26,250,00	EACH	52,500.00				\$18,750,0			
56	2005-0-00400	MANHOLE, STORM SEWER, SW-402 (CHANGED PER C.O. #11)	EACH	\$6,200.0				\$68,200.00	EACH	\$6,200,00				\$43,400.0			\$26,250.0
					-1 0100					1 30,200,00			ๆ	343,400,0	- 324,600.00	an'né l	\$68,200

\$8,500,00	\$18,000.00		00002/#6	00'000'//6	00'05/'8/\$	2138,000,00	00,000,000	00.005,885	001000/054	01'000'ES	58,000.00	21,80U.UU	\$4,000.00	00'066'E44\$	\$105,073,60	S42,000,00		no be	00.000	02.17.95	Cada ton An	Dis hor cocc	\$165,444.75		\$60,818,00	tac toc ac	revenued mark	\$12,260.64	\$12,645,70		\$9,919.00	\$62.651.80	\$22,905.00		510,398.60	\$1,600.00	23,000.00	\$57,108.00	nninstrat	\$86,280,00	\$41,850.00	\$2,870.00	S3,500.00	00'007'TCTC	\$22,924,00	\$248,589.00	55,300.00	\$14,930,85	\$40,200.00	\$1,848,84	517 D42	S0.00	\$18,718.00	\$100,622,58	02 958 125	\$2,846.68	\$10,400,00	\$6,500.00	\$137.870.00	\$24,541.00	\$53,626.50	\$2,728,80	\$6,444.28 \$1,726.50	
\$0.00 \$0.00	20.02		en oo	mnt	inniat	20.00	on nt	mint		2 mine	80°0\$	nn'n#	\$0.00	\$0.00	\$0.00	\$0.00	SOIDS	20,00		20,00	w uş	2	20,00		\$0.00			20.05		aniat	20'00	\$0 D0	S 0.00		i uu us	\$0.00	\$0,00	\$00.02	\$0.00	20.00	\$0.00	\$0.00	50.00	20.00	\$0,00	\$0.00	\$0.00	S0.00	\$0:00	\$0.00 E	aluo us	\$0.00	\$0:0\$	20.05	100.05	100'05	20'00;	\$0.00 J	20.02	20.00	\$0.00	100'0\$	\$0.00	
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ាល់អនិសាធាលីលី MANHOLE STORM SEWER, SW423 សន្នន័យនាំងនេះ ។ MANHOLE STORM SEWER, SW424	500	100				ALL AND A								2601-0201617 PILES, STEEL HP 14 X 117	USB 200 200 200 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA. (CHANGED PER C.O. #13)	2307222309 C SUBDRAIN OUTLET, RF-19C (CHANGED PER C, C, #13)	ENDER SUBDRAIN OUTLET, RF-19E (CHANGED PER C.O. #13)		1	and the second s	5 1 BERDELING STORM SEWER GRAVITY MAIN, ITENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (GLASS 11), 75 2 BERDELING 1 18 IN. (CHANGED PER C.O.,#5, #11, AND #13)		Street with a control accord several memory, increments, reinforced conversing from (control could (class m), 1998 24 IN, (CHANGED PER CO. #13)		78 COMPLEX NO. (CHANGED PER C.O. #13)	5 CORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000 (CLASS 11), 38 OKT 05 PER C.O. #15)	!		81 Burger, 11, 24 N.		82 (AUN-1122) 30 IN.	STORM: SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 83 200000,01243 96 IN.	 B4 (420,-120,14,0) 46 IN.	STORM SEWER GRAVITY MAIN COMPANY AND STORM SEWER GRAVITY MAIN	86 2012 CONDUCT REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. (CHANGED PER C.O. #13)	101251 10120	STREAM STREAM		55525032200008	32 [BEZERGEREDEREDERED REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN. (CHANGED PER C.O.#3)	138		222250624984000325	al programmer and the	1010008120250	24700-2714140	100 H 25 USA USA PREMOVAL OF IN IACES AND UTILITY AUCESSES 101 NEW 2519 OUNTED FRANCINAL TRAIL PORTI AND CEMENT CONCRETE 510 (CHANGED PER CO #13)	Construction of the second	1.001(0(1)(0))(0)(0)	10000000000000000000000000000000000000	28.8251357626006	101823/11226101	108 2612-1726206 CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.	2513-000108-	2515-247500	112 2515-516500 REMOVAL OF PAVED DRIVEWAY (CHANGED PER C.O. #13)	3 CONTREPENDENT PERMANENT ROAD CLOSURE, URBAN, 51-182 A DESCHEDERMANENT EAGETY OF ORLIDE VOLANDED DED ON 4430	5 I 2600 AUGUST PENCE CLOSORE (CLOSORE CLOSORE)	2519-100100	117 TE SECONDARIA FENCE, CHAINLINK, VINYL COATED, 72 IN. HEIGHT, ON WALL	2619-100100	Daninessies	121 CHARTER CO. RIAMONAL OF TENCE, CAMIN LINN (CANNAGED FEX C.O. #13)	

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\$25,000.00	\$930,000.000	\$4,059,00	\$108,153.76	518,200.00	CE END IN	\$42,075,00	\$7,475.00	\$0.00	00105	001128 875		00,000,256	00/004/00	000052414		UU UU UUSS	\$304,884.00	\$71,750,00	\$12,600.00	\$0.00	\$68,360.00	\$1,200.00	\$7,500.00	00.007.125	20.02	00.05		520 520 00	000000000000000000000000000000000000000	OU'US	\$7,000.00	\$0.00	\$8,906.00	S10.000.00	\$3,200.00	\$0.00	\$72,564.00	\$3,500.00	\$4,400.00	\$2,500.00	\$3,500.00	\$2,500,00	\$26,250.00	\$5,400.00	\$76,500.00	51,5/0.00	00.005.72	\$22,500,00	20.00	\$0.00	\$0.00	\$10,000.00	526.000.00	\$17,500.00	\$11,200.00	\$7,000.00	\$4,500.00	58,500.00	\$78,000.00	25,820.00	2352,124	00'957'175	00.001/2210		C161 JRU DR	00'082'787C	00'090'808S	\$182,600.00	\$462.80	\$8,000.00	S1,778,800.00	\$38,800.00
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s25,000.00]	30,000,00	\$20.00	\$232.00	528U.00	\$100.00	42,075.00	\$325.00	\$120.00		\$59.00	00 000 000	5120 PD	2250.00	630 F0	\$13.001	\$80,001	\$120.00	\$50.00	\$1,200.00	\$780.00	\$10.00	\$1,200.00	00,000,15	00000	15 MM M		280.000.00	516.00	\$50.00	S600.00	\$3,500,00	\$1,500.00	\$2,226.50	\$10,000,00	\$400,00	\$4,500.00	\$12.00	\$3,500.00	\$4,400.00	\$2,500.00	\$3,500.00	\$2,500.00	\$350.00	51,800.001	45 OD	22.500.00	\$2,500.00	\$2,500.00	\$5,500.00	\$10,000.00	\$10,000.00		\$6,500.00	\$2,500.00	\$2,800.00	\$3,500.00	54,500.00	\$8,500.00		00710	67.7E	100 575	205 00	\$80.00	5630.00	001022	\$730.00	\$830.00	\$2.00	\$8,000.00	,778,600,00	\$38,800,00
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EACH	2	STA	STA F 101	EACH STA	EACH	LS L	EACH	1040	L SL	CV CV	s	3 2	HOH	NOL		5	-	5	LF L	-		EACH					S	JL	λ	EACH	EACH	EACH	EACH .	EACH	EACH 1	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FACH	EACH	EACH	EACH	EACH	EACH	533		1	, <u>u</u>			5	5		15	5	L.F.	rs	SI	S.
122 Restorations Frield OFFICE (CHANGED PER C.O. #13)			126 FEASTAGEGERISTERMANENT TAPE MARKINGS, PROFILED PACEMENT MARKING TAPE 127 Manuscriptional International Profile Anticology International Interna International International International International International International Internationa Internationae Internationae Internationae Internationae Internat			PSS2528-8445140	130 Regardentiary FLAGGERS (CHANGED PER C.O. #13)	2028-00/0110	SIDUDER STOR	L		136 226454 DOUTION OR MATTIRESSES	L	138 SAPERSADDROTOF TRENCH FOLINDATION (CHANGED PER CO. #13)	139 COMPARATION DE LACEMENT OF UNSUITABLE BACKFILL MATERIAL (CHANGED PER C.O. #13)	140 142 142 142 142 142 142 142 142 142 142	141 141 KERAMANAN WATERMAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN. (CHANGED PER C.O. #10, AND #13)	142 H CERTIN AND WATERMAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVD), 8 N. (CHANGED PER C.O. #10)	143 142 142 142 142 142 142 142 142 142 142	144 TA CHARGE WATER MAIN W/ CASING PIPE, THENCHLESS, (CIP), 16 IN. (CHANGED PER C.O. #2)	145 THE REPORT OF THIS INCOME AN ALIGN IN CONTRELING (CHANGED PER C.O. #10)	140 ALCONDUCTOR VALUE GATE DID RUN (CANNEDUTOR CU. #10) 147 ACC VALUE GATE DID RUN (CANNEDUTOR CU. #10)	141 LATER AND	149 149 VALVE BOX EXTENSION (CHANGED PER C.O. #10)	150 150 DELIVER AND STOCKPILE SALVAGED MATERIALS (CHANGED PER C.O. #10)	161 ZESEGUDDOSE REALFLOOAD INSURANCE PROVISIONS	10010010721552-	153 153 153 153 153 154 155 154 155 154 154 154 154 154 154	154 154 2589999003 SUBSURFACE RUBBLE REMOVAL (CHANGED PER C.O. #5)	155 155 155 155 155 155 155 155 155 155	156 TALENDER CATHODIC PROTECTION TEST STATION (CHANGED PER C.O. # 10)	167 167 CHERREN CHECK DEPTH OF WATER SERVICE (CHANGED PER C.O. #10)	158 2539-3939005 CONCRETE BARRIER WITH TAPERED END, 44 IN.	168 REARDARDER CONCRETE COLLAR	160 1 2000 CONCRETE PLUG (CHANGED PER C.O. #13)	161 161 LILE LARGE REPORT ON EXISTING WATER MAIN (CHANGED PER C.O. #10)	162 1625193999005 FLOWERS, AS PER PLAN (CHANGED PER C.O. #13)	163 1259 USBUUGE HEADWALL, 24 IN.	164 CONSTRUCTION HEADWALL, 36 IN.	Finite (Inder 11	 Part Parts (2) 	1000	 Static a Charlet Static at a constraint 		18			174 TT REMOVAL OF FIRE HYDRANT ON ABANDONED MAIN (CHANGED PER C.O. #10)	175 125 125 125 125 125 125 125 125 125 12	2	177 WARKERBURGEREN SAN TARY SEWER, CLASS 4 LINED REINFORCED CONCRETE, 66 IN. x 54 IN. REDUCER (C.O.#3)	118 TO SAVE AND THE AVAILABLE AND		181 181 MARKANANANAN WATER SERVICE TRANSFER, 1 IN. (CHANGED PER C.O. #5, #10)	4	133 2004-048909 WATER SERVICE TANNEER, 4 IN. (CHANGED PER C.O. #5)	164 TARRANDA WATER SERVICE JANNSFLAG IN. 168 COMPANY WATER SERVICE JANNSFLAG IN.	100 STATES AND		188 REALEMENT OF THE CONTROL CONDUCT TREND IN CONTROL OF A CONTROL OF		130 ZE55-3593050 PILE CASING: CMP. 24 IN: (CHANGED PER C.O. #10)	151 TELEVISION REMOVAL OF WATTER MAIN (CHANGED PER C.0. #4, AND #13)	132 14 1559 1599 100 REMOVE ABANDONED HP GAS MAIN (CHANGED PER C.O. #5)	133 REALED STATTARY SEWER, CLASS 4 LINED REINFORCED CONCRETE, 42 IN. (CHANGED PER C.O. #10)	194 INTERBORIDER SANTARY SEVER, CLASS 4 LINED REINFONCED CONCRETE 66 IN (CHANGED PER CO #10)	195 FROM BRANDING SANTARY SEWER, CLASS 5 LINED REINFORCED CONCRETE, 42 IN, (CHANGED PER C:0 #10)	196 2000 2000 2000 SANITARY SEWER, CLASS 5 LINED REINFORCED CONCRETE, 66 IN.	197 197 197 198999909 TIREE PROTECTION, FENCE (CHANGED PER C.O. #10)	198 TARKAR FILE HYDRANT RELOCATION	199 2599-3999010 INTERMEDIATE FOUNDATION IMPROVEMENT	200 2699-9999010 INTERMEDIATE FOUNDATION IMPROVEMENT VERIFICATION TESTING

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S1 51	S	89	ខ្មរ	۶۲ S	<u>}</u>	TON	TON	ACRE	ACRE	ACRE	sγ	SQ	D.#13) MGAL	5	5	EACH	5	5	<u>u</u> !	<u>_</u>	<u>כו נ</u> ה	EACH	EACH	EACH	MGAL		S	2	5	<u>م</u>	<u>1</u>	3 3	CO#3 LS	3	<u>ن</u>	5	SJ	E	5	3 3	5	<u>ځ :</u>	SY SY	5	19 19	5 1	۲. E	S	<u>5 </u>	<u>1</u> 2	5	δ	3	3	EA	2	3
LET FELVCE JANHOLE RISER	REVENTION PLAN AND MAINTENANCE	5D PER C.O. #13)	M SEVER	CONSTRUCTION OF A CONCINENT FORCE FOO (ING CONSTRUCTION FOO ON OPENE FULME (CHANGED PER C.O. #13)	REINPORCED, 12 IN. (CHANGED PER C.O. #13) V MAT (CHANGED PER C.O. #13)		WARGOLARM STONE FLL (UPANGED FER C.O. #10, AND #13) SURFACING, ASPHALT MILLINGS (CHANGED PER C.O. #11, AND #13)	0.#13) 5.0. 単(3)	MULCHING, BONDED FIBER MATRIX (CHANGED PER C.O. #13)	HANGED PER C.O. #13) URBAN) (CHANGED PER C.O. #13)		O.#13) G AND SEOTH IZINIO 4 IDDAAN WUANINED DED C ← #441	AL DITCH CONTROL OR SLOPE PROTECTION (CHANGED PER C.	C.O. #13)	CKS (CHANGED PER C.O. #13)	k C.O. #13)	R SILT FENCE FOR DITCH CHECKS (CHANGED PER C.O. #13)	CE OR SILT FENCE FOR DITCH CHECK (CHANGED PER C.O. #13)	ANGING) (CHANGED PER C.O. #13	DIMENT CONTROL DEVICE, 12 IN. DIA. (CHANGED PER C.O. #13)	NINERAL DOMINON DEVICE, 20 NO. DAY, OF MASED FER C.O. #13	CONTROL (CHANGED BY C.O. #13)	2Y EROSION CONTROL (CHANGED BY C.O. #13)	#13)	ANGED PER C.O.#(3)		SALVAGE, REMOVAL. AND DISPOSAL OF OBSTRUCTIONS - CO #2	#2 NATE EDI INDATION INSPONENTS - CO #2	NCTILE IRON PIPE (DIP), 16 IN CO #2	E 20TH STREET - CO #2	CASING PIPE - CO #2 44 TE ECI MIDATION IMPOOLEMENT MAILE BOD CO #3	NATE FOUNDATION INFROVEMENT, WALL 800 - CO #5 N IMPROVEMENTS, STA 503+00-504+00 - CO #3	ERMEDIATE FOUNDATION IMPROVEMENTS, STA 503+00-504+00 -	LINED REINFORCED CONCRETE, 66 IN. X 42 IN. REDUCER - CO #	CO#4	I REPRESENCE STORM SEVERY DRAVIT WANK, INSUCCED, NOW, LACAR, 22 (N. A. 14 N CURS REPRESENCE PIPE COLLAR, 18 (N. RCP TO 22 (N. X. 14 (N. RCAP - CO #5)		DEVICE - CO #S	8-C0#5	L SIGNS - CO #S	AIN, TRENCHED, (RCP), 20000, (CLASS (II), 15 IN CO #5, CO #11	(OVAL - CO #6, CO #13 0 #7	#7, CO #13	, PCC - CO #7 - CO# 10 - CO #13	CO#7 E0#7 F0#14	GENDS, WATERBOURNE - CO #7	END ANCHOR - CO #8	EE 23RD & MAURY - CO #8	DTUCK FOR MAE WALLE. LU #9, LU #13 RUBBING - CO #9	S-CO #	[6 - CO ±5	10	2411451C0 #10 ICE, SE 26TH CT - C0 #10	TION - MAURY STREET - CO #11	R - C0 #11	URB - CO #11 alibe scott Ave - co #13	SURE, SCOTT AVE CO #11
20000000000000000000000000000000000000	99-9899010 変変 ROADWAY LIGHTING 89-9999010 STORAMATER POLLUTION F	2019 2019 SURFACE NUBBLE REMOVAL 253999390 TREE PROTECTION (CHANGED PER C.O. #13)	SUCCESSION VIDEO INSPECTION OF STOP SUCCESSION OF SUCCESSION OF STOP	199999999 P.C. CONCRETE FENCE FOC	98-999918 SIDEWALK, P.C. CONCRETE. 982998998094 SLOPE PROTECTION, STRAW	FOUNDATION ROCK		22(5)2)09 MOWING (CHANGED PER C. 2006/2010 Mill CHING (CHANGED PER 1	26015155105 MULCHING, BONDED FIBER	NECESEDIE NATIVE GRASS SEEDING (CI	1-2638520 MACADAM STONE SLOPE PF	20012453000 SODDING (CHANGED PER C	DESERVICE STATICING CAST - SECUR	UP000020 SILT FENCE (CHANGED PER	DEMONSTRATE FOR DITCH CHE	GAGODODAD ISIT BASINS (CHANGED PER	OPPOUNDING REMOVAL OF SILT FENCE O	E02E0D00203 MAINTENANCE OF SILT FEN	BOZUDORAN FLOATING SILT CURTAIN (H	NUMBER DE LE	OZDODDASO REMOVAL OF PERIMETER A	02-00100-00 MOBILIZATIONS, EROSION 0	DE 000020 MOBILIZATIONS, EMERGEN	SURVIUS SHRUBS (CHANGED BY C.O.	25/00000000 1 (KEES 25/00000000 WATERING FOR PLANTS (CHANGED PER C.O. #13)		BEBBEBYZDOJO SALVAGE, REMOVAL, AND L	2549,94999005 KEROVE SEPTIC TANK - CO 2549,9499050 DEPERATE ROW OF INTERMET	le:	SPECIAL THRUST BLOCK, S	BUDDE RESTOCKING FEES FOR 16 BUDDE I CAN CASE OF AD INTERVIET	IS-3939010 FOW OVERVERIA IN FRAME	9-9899010 VERIFICATION TESTING INT	THE SANITARY SEWER, CLASS	SWITCH SWITCH SPECIAL INTAKE -	DIRECTION SEVER GRAVIT IN	GATEWELL, 24 IN CO #S	DROP-IN INTAKE SEDIMENT	INTERCOLOGICAL CONDULT, INFORMATION OF CONDUCT, INFORMATION OF CONDUCTION	BEBBBB OF DE SPECIAL TRAFFIC CONTRO	STORM SEWER GRAVITY M	533,9999059 SUBSURFACE RUBBLE REN 535,8999010 HMA CITANTITY DELETE - C	599-9999018 6" DETOUR PAVEMENT - CC	599-9999009 TEMPORARY BARRIER RAII	19999999999 ANTI-GRAFFITTI COATING - URDBARDING - DEFECTABLE WARNINGS	39:99980057 PAINTED SYMBOLS AND LE	SUBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	5999999007条经 SANITARY SEWER WORK, S	222222222222 MOUITED FENCE FOST AN 292412490201 ADDITIONAL CLEARING & G	EXCELLING SUILSIZE EXISTING PUTTEOX	CONDICT AND A CONDICT EXISTING CONDU	COB-8399003 MODIFIED SUBBASE - CO#	6 I DEPENDENT TEMPORARY WATER SERVICE SE 26TH CT - CO #10	8 IN. WATER MAIN RELOCA	CONTRACTOR CONTARS, STORM SEWE	2599-999901077% DE RUANENT STREET CI COS	2010222 102010 102020000000000000000000

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